

# ARCH-Y

## DEPARTMENT OF ARCHITECTURE



**COLLEGE OF ENGINEERING  
AND ARCHITECTURE**

### ALL YOU NEED TO KNOW ABOUT OUR DEPARTMENT

- ✓ Our Team
- ✓ Students Work
- ✓ Department Events
- ✓ Articles and Research

### OUR OBJECTIVE

To Celebrate the Innovative Spirit of Our Students through ARCH-Y's papers.





MAGAZINE

# CONTENT

The university architecture department magazine is a comprehensive publication that serves as a vibrant platform to showcase the creativity, innovation, and achievements of students, faculty, and alumni. The magazine is designed to reflect the dynamic nature of architectural education and the profession, highlighting cutting-edge projects, groundbreaking research, and thought-provoking discussions.



- About us
- Our team
- Dean's word
- Chairwoman's word
- Program Information
- Department Events
- Dean's Honor List
- Student's Work
- Interviews
- Faculty's Work



# ABOUT

**College of Engineering and Architecture (CoEA) offers a bachelor degrees in engineering and architecture with major options, in the area of Architecture, Software Engineering Network Engineering & Security, and Industrial Engineering.**



# US



## Mission

To provide an outstanding education and innovative scientific research to enhance the field of Engineering and Architecture in the region

## Vision

To be an educational icon for Engineering and Architecture in KSA and neighboring countries.

## NAAB

We are in the process of pursuing the International Certification designation from the National Architectural Accreditation Board for the following professional degree program:  
Bachelor of Architecture

# Our TEAM

## Dr. Hessah Alsalamah

### Dean

Dr. Hessah Alsalamah is the Dean of the College of Engineering and Architecture, and the Acting Dean for the College of Computer and Information Sciences at Alyamamah University. She is the Chair of both Colleges' Council, a member of the Dean Council, and Alyamamah university Council. She is also a faculty member in the College of Computer and Information Sciences and Consultant of King Abdullah's institute for Research and Consulting Studies at King Saud University

## Dr. Dalia Abdelfattah

### Head of Department

Dr. Dalia Abdelfattah is an architect and researcher in urban affairs. She is an assistant professor and a researcher in UN-HABITAT programme of planners for Climate Action. Currently, she is the head of the Architecture department, faculty of Engineering and Architecture (CoEA), Alyamamah University. In 2018, she obtained her PhD from Cairo University in Egypt. It was about how to motivate local communities to participate in conservation programs.

## Dr. Hikmat Ali

### Professor of Architecture

Hikmat H. Ali is a full professor of architecture and former dean of architecture and design at the Jordan University of Science and Technology (JUST). He received his undergraduate degree in architectural engineering from Yarmouk University in Jordan in 1986, and his master's degree in architectural engineering from the University of Jordan in 1992. In 1999, he earned his Ph.D. in architecture from Texas A&M University.

## Dr. Anwar F. Ibrahim

### Associate Professor

Dr. Anwar Ibrahim is an Associate Professor of Architecture. In 2015, he earned his PhD degree in Architecture history and theory from the State University New York at Binghamton in the USA. After that, he worked as Assistant Professor at the college of Architecture and Design in Jordan just before he was promoted to Associate Professor in 2021. He is also an active researcher and published in high-rank peer-reviewed indexed journals.

## Dr. Majdi Alkhresheh

### Assistant Professor

Dr. Majdi Alkhresheh is an Assistant Professor in the Architecture department in the College of Architecture and Engineering in Alyamamah University. Previously, he was the chair and assistant professor of architecture in Alhosn University in Abu Dhabi in UAE. Prior to that, he worked as an Assistant Professor in the Jordanian University of Science and Technology, Mu'tah University, and Al Isra' Private University in Jordan.

## Dr. Ibrahim Abdelhady

### Assistant Professor

Dr. Ibrahim Abdelhady is an assistant professor, who was obtained two Architectural PhDs degrees in digital design and Building Information System (BIM). Previously, he was in Virginia Tech in USA, Alexandria University in Egypt. He obtained his BS in Architectural design from Alexandria University in Egypt, in 1993-1998 (V. Good with Honor).

## Dr. Mayas Ahmad

### Assistant Professor

Dr. Mayas Ahmad is an assistant professor in the architecture department. Her research interests include: architectural design, heritage conservation, urban design, landscape design, and urban planning. She has more than 14 years of professional experience in teaching university level courses, practice, and service projects that include projects in the area of construction, landscape projects, and heritage conservation.

## Dr. Rahma Doheim

### Assistant Professor

Dr. Rahma Doheim is an Assistant Professor in the architecture department. She has taught and practiced architecture in the USA, UK, and in the Middle East. She received her PhD in the Built Environment from the University of Ulster in the UK, and her Master from the University of West Virginia in the USA. Her research interests lie in Architectural pedagogy, smart cities, Sustainable Mobility, and future city.

## Mr. Abdullah Elshafie

### Lecturer

Mr. Abdullah Elshafie is a lecturer in the architectural department. He is an architect, who comes from a long line of architects. He is the fifth generation of architects in his family and third generation to teach architecture in Saudi Arabia. He is passionate about architecture especially in the fields of lean construction and construction contracts. He is also interested in the field of construction and risk management.

## Mrs. Lara Rahim

### Lecturer

Mrs. Lara Rahim is a lecturer with a great experience in teaching. A subject matter expert in Civil Engineering with more than two years hands on experience in the construction field. She is a master degree holder in Structural Engineering and minor in Geotechnical Engineering from the University of Balamand in Lebanon.

## Mr. Anas Hussein

### Lecturer

Mr. Anas Hussein is an architect with a demonstrated experience of working in the education industry. He joined YU as a lecturer since 2018, who is skilled in Sustainable Building Design. He is a research professional with a Master of Science (MSc) focused in Sustainable Buildings and Environments from Newcastle University.

## Mrs. Esraa Samman

### Lecturer

Mrs. Esraa Samman is a Saudi expat Architectural Lecturer. She studied in Cairo, Boston and Berlin. She obtained her bachelor and master degrees in Architecture from Wentworth Institute of Technology in Boston. She has worked in various fields as a designer, estimator, research assistant with a faculty member, and volunteers' supervisor in construction sites. She has been passionately involved in construction volunteering programs.

## Ms. Mahasen Alqahwaji

### Lecturer

Ms. Mahasen Alqahwaji is a lecturer in the architectural department. She obtained her bachelor's in architecture engineering from Prince Sultan University in KSA and her MSc in Advanced Home Futures from the UK. She is the Supervisor of the Creativity and Innovation Center at Al Yamamah University.

## Ms. Noor Tayeh

### Lecturer


Ms. Noor Tayeh is a lecturer in the architectural department. She obtained her B.Arch from the Islamic University in Gaza in 2007, and her MSc in Architecture from Jordan University of Science and Technology in 2012.

# Dean's Word

## Dr.Hessah A. Alsalamah

Our College has come a long way since its establishment in 2014. Today, the College of Engineering and Architecture is comprised of three departments: Department of Architecture, Department of Computer Engineering and the recently established Department of Industrial Engineering. These departments offer four accredited B.Sc. programs: Architecture, Network Engineering and Security, Software Engineering, and Industrial Engineering Our curricula for all programs combine a strong theoretical background with hands-on experience in excellent labs and most importantly, we emphasize close interaction with the outstanding faculty to create an atmosphere truly conducive to learning.

The College is also very active in offering short courses, workshops and seminars, which provide ample avenues to disseminate engineering knowledge to the local, regional and international community. Furthermore, the College organizes international conferences in various engineering fields, which attracts international researchers and provides them with a conducive environment in which knowledge, research findings can be shared, and new ideas can be discussed, hence promoting and strengthening a knowledge-based society.





# Chairwoman Word

## Dr. Dalia Abdelfattah

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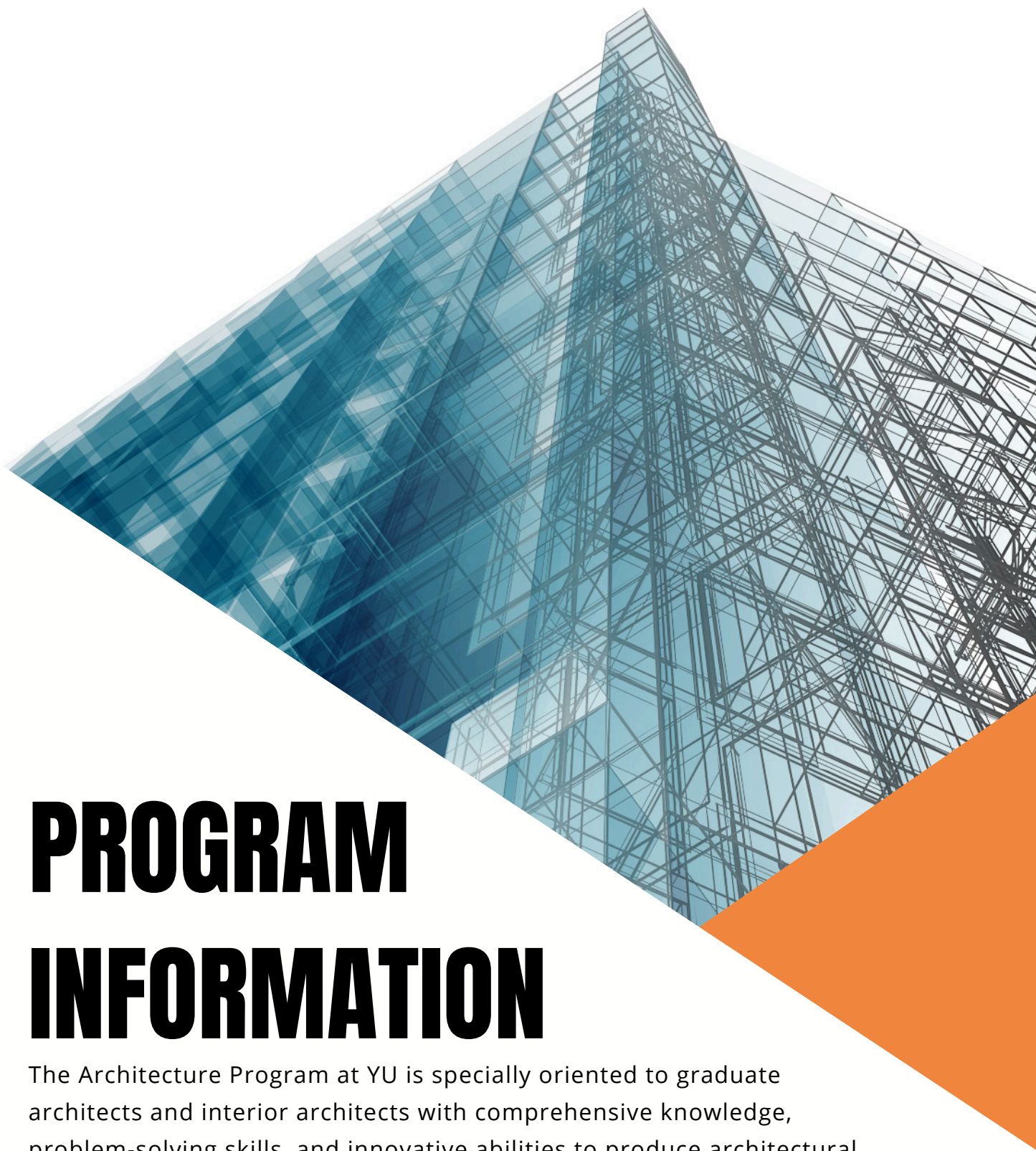
The spirit of the architecture academic life is about passion, knowledge, creativity, and engagement. I strongly believe that continuous improvement & self-evaluation are the keys to successful learning environment.

Within our Architecture and Interior Architecture department (AIA) it is what guide us in our everyday University life of teaching & research.

Our AIA philosophy is about setting high university standards for our students, and try to maintain, a very lively, engaged, and interactive classrooms.

What, personally, drives me is to retain continual personal contact with my students, where I can approach a constructive impact, with honest imprint, to guide them through life experience. As teaching is not just about lecturing; it is much more about presenting passion, concepts, ideas, and empirical materials, in a way that allow our students to integrate these informations into their academic life and future career experiences.





# PROGRAM INFORMATION

The Architecture Program at YU is specially oriented to graduate architects and interior architects with comprehensive knowledge, problem-solving skills, and innovative abilities to produce architectural solutions that are sensitive to human needs and local cultural distinctiveness. The department mission is to enable the rising generation to shape a future marked by positive social and economic progress, the department of architecture is devoted to engaging students in the process of gaining the artistic, scientific, cultural, and technological knowledge upon which they systematically use critical thinking, develop analytical abilities, and master technical skill, to synthesize sustainable and aesthetically-exceptional architectural solutions. The department vision is to be one of the best architectural departments in the Kingdom, and to gain and sustain national and international recognition.



# Program Objectives and Outcomes



Strengthen core areas of focus within the program and track advancements in the comprehensive architectural technology and research.



Elevate the profile of the program through providing the highest educational standard.



Attract and retain a diverse faculty and staff of the highest academic and professional experience and research.



Establish a strong relationship between the department and the community.



To graduate professionals who have high efficiency in a wide range of professional practices.



To fulfil the growing demands on architects in Saudi Arabia and the neighboring countries.



Fostering interdisciplinary educational environment.



Incorporate active learning strategies that promote student participation into the education process.



Improve the facilities and resources to support high quality learning, research and work environments.



Providing student support and guidance to enhance the learning experience through.

# Department Events

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Hopefully, we can work together and this project will be successful.



# DEPARTMENT EVENTS

## STUDENT ACHIEVEMENT

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Al Deriyah Competition

## INTERNAL ACTIVITY

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Visit for YU Khobar  
faculty

## EXTERNAL ACTIVITY

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A&D Educator Forum

## STUDENT PARTICIPATION

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Aali Al- Riyadh Competition  
& Historic Al-Asifrain  
Neighbourhood Competition.

## EXTERNAL ACTIVITY

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INDEX Saudi Arabia

## SEMINARS / SPEAKERS

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HOME: how to define  
dreams well?

## EVENT

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ARCHITECTURE DAY

## FIELD TRIP

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Student trip to Cityscape  
Global

## FIELD TRIP

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Tuwaiq Sculpture  
Symposium

## SEMINARS / SPEAKERS

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clay design workshop

## SEMINARS / SPEAKERS

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Maker Rendering  
Workshop

## SEMINARS / SPEAKERS

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Design the Future with  
AI Workshop

## FIELD TRIP

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Photography Trip to  
House of Hype

## DEPARTMENT ACHIEVEMENT

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NAAB Visit (2)

# DEPARTMENT EVENTS

سُحُور  
الدَّرِيَّة  
DIRIYAH SUHOOR

20  
24



Congratulations  
to our student

**Faisal Al Ali**

winning the second place  
at Al Deriyah Competition

## فريق التصميم الفائز بالمركز الثاني The 2nd winning design group



عبدالرحمن محمد بن شايق  
مدرسة غلاسكو للفنون

Abdulrahman Mohammed Binshaieg  
Glasgow School of Art



فيصل إبراهيم العلي  
جامعة اليمامة

Faisal Ibrahim Al-Ali  
Al Yamamah University



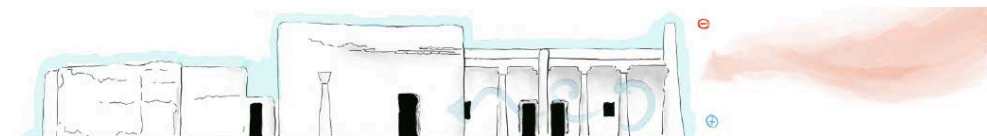


# DEPARTMENT EVENTS

## LOCAL MOSQUES ARCHITECTURAL DESIGN COMPETITION



DIRIAIYH THE CITY OF EARTH



**Faisal Al Ali**

# DEPARTMENT EVENTS

The College of Engineering and Architecture had the honor of hosting a visit from Al-Yamamah University, Khobar branch. The visit was led by His Excellency Dr. Yazeed Alsuhail, the Vice President of the University, and His Excellency Dr. Abdul Salam Al-Sudairi, the Dean of the College of Engineering and Architecture. The visit included a tour of the college facilities, including laboratories, the library, and the permanent exhibition of architectural student projects.



## DEPARTMENT EVENTS

Fruitful participation of the department faculty members in the prestigious event of the architecture and design educators Forum, by the ministry of culture, as a part of the collaborative engagement for more productive learning environment





# DEPARTMENT EVENTS

Spring 2023-2024-ARC 411

## Aali Al- Riyadh Competition

The competition supervised the Riyadh Region Municipality, the competition aims to provide urban studies and sustainable solutions in the fields of architecture and urban design to develop the view of Upper Riyadh in the Al Awali District in several entertainment and cultural aspects to support the strategic plan of the Riyadh Municipality in the areas related to quality projects and enhancing the natural resources of the city. The competition also focuses on developing the events industry in line with the Kingdom's 2030 Vision.

This competition depends on achieving a perfect balance between artistic beauty and sustainability. It must present an architecture that reflects the uniqueness of the place and contributes to preserving the environment. The design of the overlook includes careful analysis of the sight and taking full advantage of its natural landscape.

The area of the project is about 55778 m<sup>2</sup>

The stages of working on this competition during the course :

The course commenced with a site visit, during which students conducted a thorough examination of the site and its environs. Subsequently, students engaged in site analysis and reviewed pertinent case studies aligned with the project's thematic focus, as stipulated in Naab Spc. No. A3: Investigative Skills.





# DEPARTMENT EVENTS

Spring 2022- 2023 ARC411

## Redevelopment of the Historic Al-Asifrain Neighbourhood Competition.

An urban design competition announced by the Municipality of Al-Madinah Al-Munawwarah Region, The initiative, primary aim is to cultivate an architectural identity for Medina that resonates with the area's rich heritage and historical significance.

The site is 112, 000 m2, positioned southwest of the Prophet's Mosque, within the Al-Asifrain neighborhood one of the oldest neighborhoods within the historic city center.

A trip for the students was arranged to explore both the competition site and additional urban design projects implemented by the municipality, serving as a source of inspiration for participating students. Tasked with conducting thorough site analyses, students collaborated to propose comprehensive redevelopment strategies, prioritizing the preservation of historic elements while enhancing their cultural significance. Working in pairs, they formulated master plans geared towards fostering a pedestrian-friendly environment, crafting detailed designs for public spaces.



# DEPARTMENT EVENTS



Architecture students participated in the Future Career Expo 2024,  
from January 29 to 31, 2024

The Future Careers Expo 2024 focused on raising awareness and providing career guidance to university students and graduates. The forums will also focus on basic employment and entrepreneurship skills, allowing direct communication between participants and students, helping them determine their career paths, inquire about job opportunities, and understanding employment requirements from participating entities. The forums seek to enhance entrepreneurship skills, support small and medium enterprises, and guide entrepreneurs in developing their projects. All interested young people are invited to participate and gain valuable insights into the future of jobs.



# DEPARTMENT EVENTS

INDEX  
SAUDI  
ARABIA



10 – 12 SEPTEMBER 2023  
RIYADH FRONT EXHIBITION &  
CONFERENCE CENTER

JOIN ME AT THE  
KINGDOM'S PREMIER  
INTERIOR DESIGN,  
FURNITURE AND  
FIT-OUT EXHIBITION.

REGISTER FOR FREE



Architectural visit to INDEX Saudi Arabia 10-12 September, 2023



# DEPARTMENT EVENTS

## In Class Experiment: ARC 315 Classification of Soil - Mrs. Lara Rahim

In ARC315 - Soil Mechanics and foundation, Students learn about the classification of soil.

Sieve analysis is a fundamental method used in soil testing to determine the particle size distribution of a soil sample. The process involves passing soil through a stack of sieves with progressively smaller mesh sizes, separating the soil into different size fractions.

This classification is essential for identifying soil properties and predicting its behavior under various engineering conditions.





# DEPARTMENT EVENTS



## Materials Needed:

- Soil sample ( Sand, Clay, Gravel, others)
- Set of standard sieves with varying mesh sizes
- Mechanical sieve shaker (optional)
- Balance (accurate to 0.1g)
- Brush or spatula
- Pan and cover

## Steps:

- Preparation of sample
- Stacking Sieves
- Sieving process
- Weighing Fractions
- Calculating Percentages
- Plotting Grain Size Distribution Curve



# DEPARTMENT EVENTS

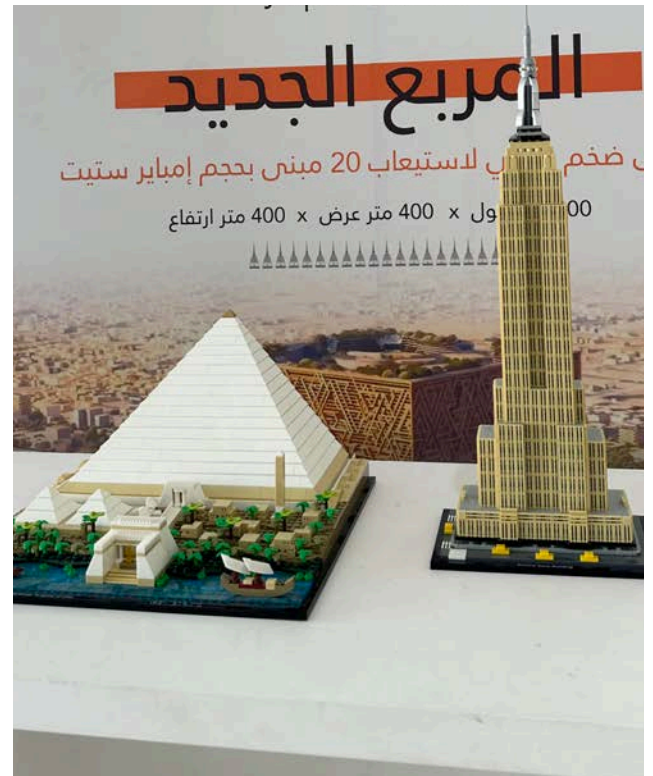
## ARCHITECTURE DAY

This event is a unique opportunity for students to showcase their innovative projects, participate in hands-on workshops, and engage with industry experts. Discover cutting-edge design techniques, explore sustainable architecture solutions, and network with fellow aspiring architects. Don't miss this chance to be inspired and to inspire others in shaping the future of our built environment. Whether you're presenting your work or simply eager to learn, this event promises to be an enriching experience for all.





# DEPARTMENT EVENTS



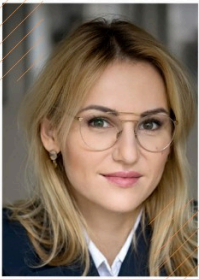
# DEPARTMENT EVENTS



The Architecture Department, College of Engineering  
& Architecture at Al Yamamah University  
invites you to attend a public lecture entitled:

## HOME. HOW TO DEFINE DREAMS WELL?

The psychological approach in housing architectural design



### GUEST SPEAKER

**MARIA SAPIŃSKA-MAŁASZYŃSKA, PH.D.**  
POLISH ARCHITECT, CEO OF MSM DESIGN



**WEDNESDAY**

18.10.2023



12:30 - 1:30 PM



Twiaq  
Auditorium.





# DEPARTMENT EVENTS

## Architecture Students Spark Innovation at "Innovation from Ordinary to Extraordinary" Seminar

Architecture students ignited their entrepreneurial spirit at a thought-provoking seminar titled "Innovation from Ordinary to Extraordinary," hosted by the university's Creativity and Innovation Center. This program challenged students to view design thinking through a business lens, equipping them with tools to transform everyday ideas into tangible solutions.

The Student Creativity and Innovation Center at Al Yamamah University invites you to attend a symposium entitled:

Innovation in Business: "From  
the Ordinary to the Extraordinary"

Mr. Badr Arafa,  
founder of the Slushies brand



Tuwaiq Theater 1:30 – 12:30 PM 2/7/2024 Wednesday



# DEPARTMENT EVENTS

## Student trip to Cityscape Global

Our students explored the exhibition of City Scape Global Event, showcasing innovative architectural projects and PropTech advancements.

Conferences led by renowned architects and industry leaders discussed topics like sustainable building practices and technology in urban design.

This trip provided valuable learning opportunities, helping students understand future housing challenges and opportunities. It fueled their passion and vision to shape tomorrow's built environment.

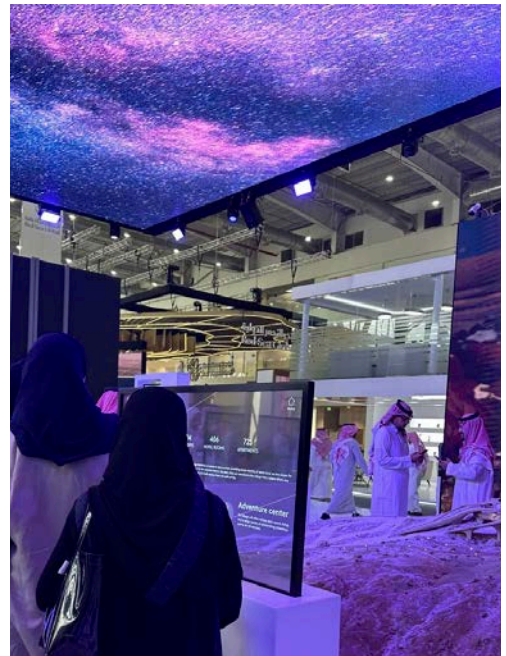




# DEPARTMENT EVENTS

## CityscapeGlobal

10-13 September 2023  
Riyadh Exhibition & Convention Center  
Malham, Kingdom of Saudi Arabia





# DEPARTMENT EVENTS

## Architecture Students Return Inspired from Tuwaiq Sculpture Symposium

A group of YU Architecture students joined Tuwaiq Sculpture Symposium On May 18, 2024, brimming with inspiration and newfound artistic insights. The students participated in workshops, engaged with renowned artists, and witnessed the creation of captivating public artworks. The symposium's immersive experience has left an indelible mark on the students, fueling their passion for architecture and its transformative potential in urban environments. The sculptures created during the symposium now grace the Riyadh Art collection, enhancing the city's cultural landscape. The YU Architecture students are eager to apply their learnings and contribute to shaping the future of architecture and design.





# DEPARTMENT EVENTS



# DEPARTMENT EVENTS



## Experience the magic of clay design and surface decoration at Riyadh Art Week.

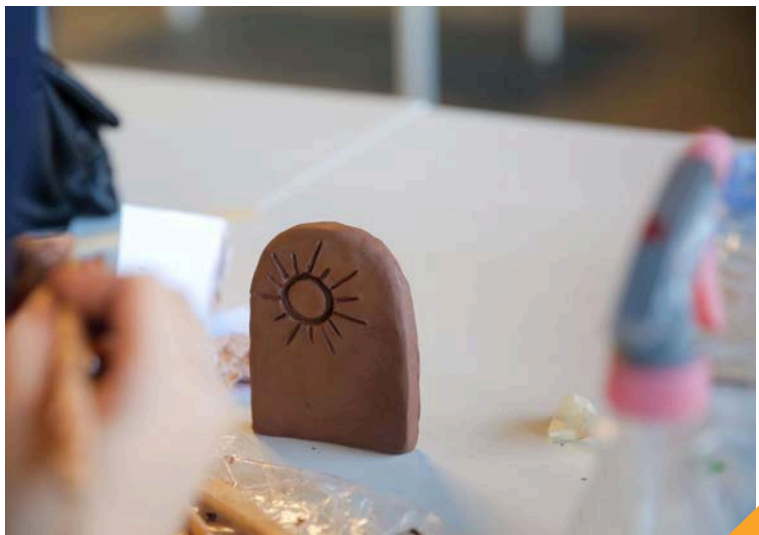
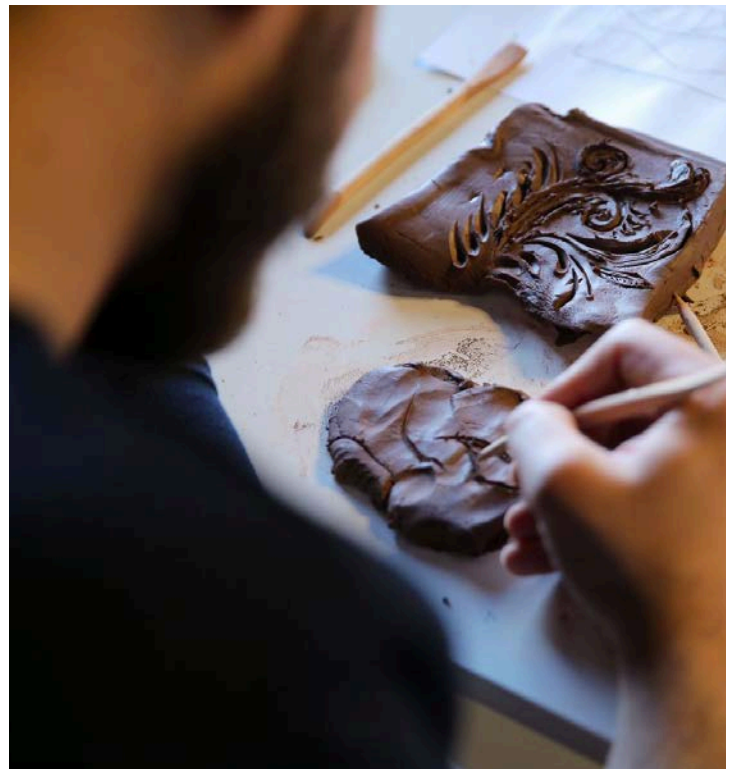
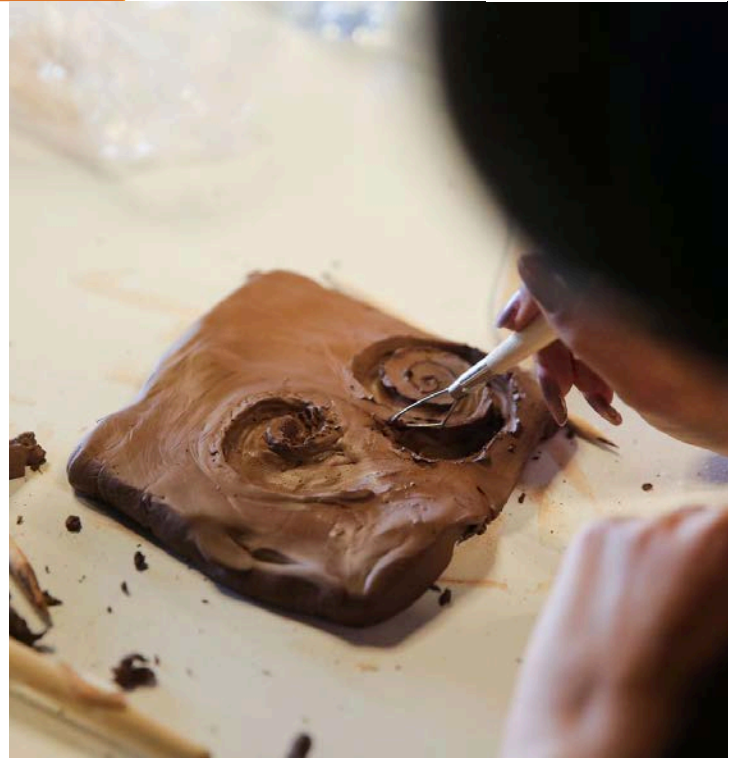
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AIA students gather for an engaging workshop where they learn hands-on techniques, explore their creativity, and create stunning clay masterpieces. Guided by skilled instructors, participants delve into the art of shaping clay into intricate forms and discover the transformative power of surface decoration. This experience fosters a sense of community and ignites a passion for art, leaving students inspired to continue their creative journey.



# DEPARTMENT EVENTS

**RIYADH  
ART**



# DEPARTMENT EVENTS

The Architecture Department at  
Al Yamamah University invites you  
to attend a workshop

## Marker Rendering Techniques

Presented by our talented student

**Fatema Amin**



Thursday **25/4/2025**



From **11am to 2pm**



Class **E 301**





# DEPARTMENT EVENTS





# DEPARTMENT EVENTS



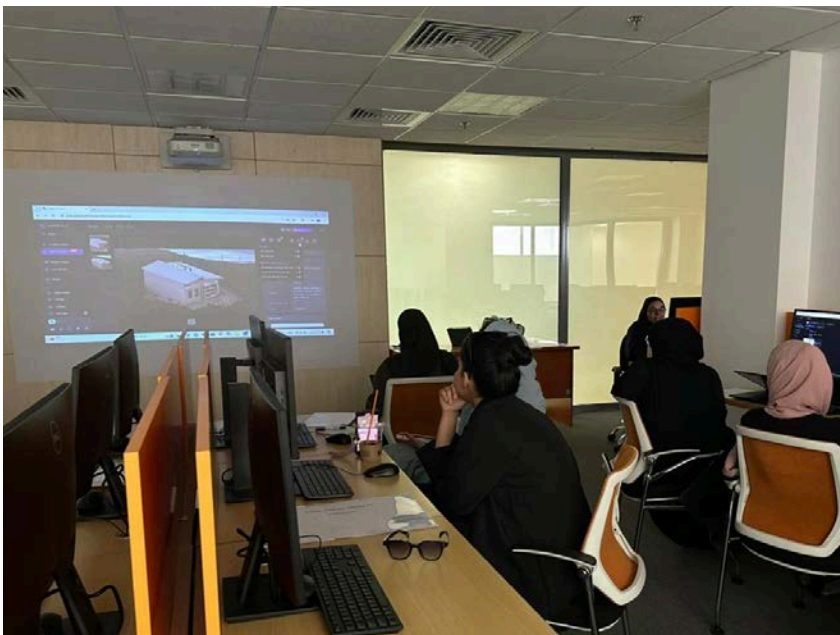
Limited Seats

Architecture Department inviting you to join us at  
"Designing the Future with AI" Workshop

## Designing the Future with AI

Exploring 3D Design and AI Rendering Techniques

By Lujain Hani





# DEPARTMENT EVENTS

## Photography Trip

Students of the IAR215 Photography course had an exciting trip to the House of Hype in Riyadh. The location provided a perfect backdrop for them to practice professional photography, capturing stunning shots and enjoying their time together.

The trip was a fun-filled opportunity for students to enhance their photographic skills and boost their creativity.



# DEPARTMENT EVENTS

## ARC 411: Competition

ARC 411 Architectural Design VII course who participated in the competition announced by the Riyadh Municipality: Aali Al- Riyadh Competition, have been nominated for the second stage of the competition and the Municipality has officially notified them.

The Student's Names are:

- Ahmad Rachwani
- Ahmad Abdo
- Mohammed Zawawi





# DEPARTMENT EVENTS

## "Enhancing Universities Collaboration Towards NAAB International Accreditation

Dr. Anwar Ibrahim participated in an online workshop focused on the process of applying for NAAB International Certificate. The workshop, titled "Enhancing Universities Collaboration Towards NAAB International Accreditation: Experiences of a Group of Leading Universities," was organized by Middle East University in Amman, Jordan. Its objective was to assist the Department of Architecture in preparing for applying for the NAAB ICert. Participants were from three universities: Al Yamamah University, KSA; University of Bahrain, Bahrain; and The Hashemite University, Jordan. Dr. Anwar contributed to the workshop in three main areas: Assessment and Continuous Improvement, External Relationships, and Finance and Budget.



# DEPARTMENT EVENTS

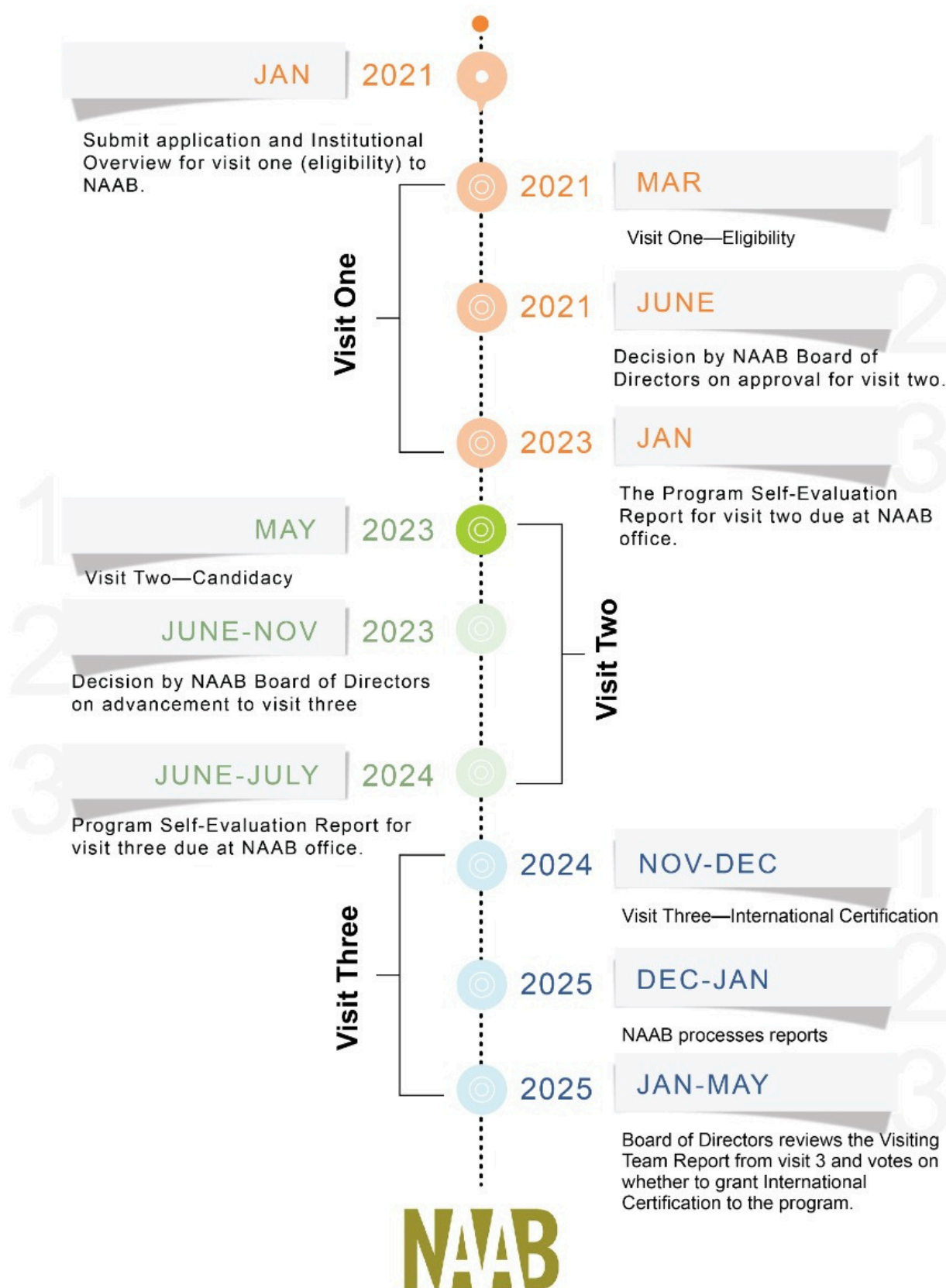
## NAAB Visit (2)

The architecture department has successfully completed Visit 2 of the NAAB International Certification process. This milestone marks significant progress towards achieving the coveted certification, With Visit 3 scheduled for November 2024,

The department is now poised to finalize its accreditation journey. The successful completion of Visit 2 demonstrates the department's commitment to meeting the NAAB's rigorous standards for architectural education, ensuring that its graduates are well-prepared to meet the demands of the profession globally.



# NAAB CERTIFICATION TIMELINE





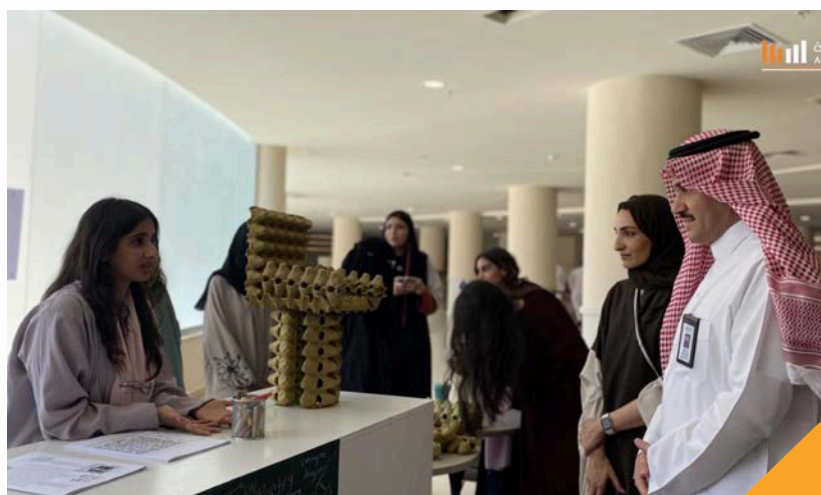
## DEPARTMENT EVENTS



We innovate for a better tomorrow

# نبتکر لغد افضل

21 APRIL 2024  
international innovation day



# DEPARTMENT EVENTS



يدعوكم مركز الإبداع والابتكار وريادة الأعمال  
في جامعة اليمامة الى حضور لقاء

كيف تصبح مُبتكراً؟  
المهارة التي تحتاجها الشركات اليوم

الأستاذ باسم جفال  
المدير العام للابتكار في شركة علم



مسرح طويق 1:30 – 2:30 PM 30/4/2024 الثلاثاء

Our students had an inspiring talk with  
Mr. **Basem Jaffal**,  
General Manager of Innovation at Elm  
Company

He's a specialist in building innovators  
and creative environments.

The students were captivated as he  
shared insights on innovation and the  
importance of it as a skill in all life  
aspects and especially in the workplace.

011 224 2222 @alyamamah\_uni AlYamamah\_University info@yu.edu.sa yu.edu.sa



# DEPARTMENT EVENTS

2023 AIA Middle East Year End Conference

December 08-09, 2023

## RIYADH

Morphology of a Nation

Saudi Arabia is undergoing a period of unprecedented development, with new cities being built and urban fabric being reconfigured. At the same time, the country is deeply rooted in its cultural heritage, with a strong sense of tradition and history. This conference will explore the ways in which these two forces interact and shape the built environment of Saudi Arabia.

One of the key themes of the conference will be technological advancement. Saudi Arabia is home to some of the most cutting-edge architectural projects in the world and we will explore how these projects push the boundaries of what is possible. We will also consider the ways in which technology can be used to create a more sustainable future.

At the same time, we will explore how Saudi Arabia's rich culture informs its built environment. From the traditional architecture of the old cities to the modern interpretations of these forms, we will consider the ways in which the past and present intersect. We will also examine the ways in which the built environment can help to preserve and celebrate cultural heritage.



## DEPARTMENT EVENTS

AIA faculty attended the virtual seminar hosted by RDIA on the topic of  
**"Uses of Open Artificial Intelligence in Innovative Research."**

Date: Thursday, 2nd November 2023

Time: 5:00 PM to 7:00 PM

This seminar provided significant insights and presents an excellent opportunity for attendees to engage in transformative discussions about leveraging Open AI tools for innovative research.



ندوة افتراضية بعنوان:

# استخدام الذكاء الاصطناعي المفتوح في الأبحاث المبتكرة



د. شين قاو  
جامعة الملك عبدالله  
للعلوم والتقنية



د. مايكل كينق  
جامعة فاندربيلت



د. عمر ياغي  
جامعة كاليفورنيا (بركلي)



د. إحسان حق  
الهيئة السعودية للبيانات  
والذكاء الاصطناعي

للتسجيل



07:00 – 05:00  
مساءً (KSA)



الخميس  
نوفمبر 02  
2023  
(18 ربيع الثاني، 1445 هـ)



هيئة تنمية البحث  
وتطوير العلم  
Research Development  
and Innovation Authority

RDIA



يوم التأسيس  
Saudi Founding Day  
— ١١٣٩هـ / ١٧٢٧م —

أبرز فعاليات جامعة الإمامة  
للاحتفال بيوم التأسيس

١	العرضة النجدية	٥	نقش الحناء
٢	بيت الشعر	٦	معرض السيارات الكلاسيكية
٣	عرض الخيل والأبل	٧	سوق الأولين
٤	العزف التراثي	٨	ركن الخط العربي

  
19/2/2024  
يوم الإثنين

  
مبنى طويق

  
12:30 P.M



جامعة الإمامة  
Al Yamamah University

# جامعة اليمامة تدعوكم لحضور احتفالية اليوم الوطني السعودي ٩٣

Al Yamamah University invites you to  
the 93rd Saudi National Day celebration



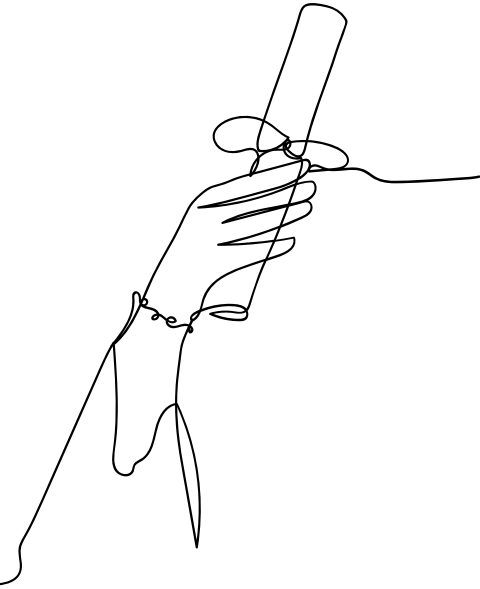
مبنى طويق  
Tuwaiq Building

12:00 م - 1:00 م  
12:00pm - 1:00pm

الاثنين 1445-03-10  
2023-9-25 Monday



# DEPARTMENT EVENTS



## Graduation ceremonies for the College of Engineering and Architecture.

The graduation ceremony for our male students is scheduled for May 7th, with the ceremony for our female students following on May 9th. Your presence and active involvement in both ceremonies are highly encouraged and deeply appreciated.

During these ceremonies, we will honor our graduates with a faculty march. For the male ceremony on May 7th, we kindly request the participation of both female and male faculty members. Conversely, for the female ceremony on May 9th, only female faculty members are requested to join the faculty march.

To ensure your participation, please collect your faculty gown from the Student Affairs Office prior to the ceremonies and arrive at the auditorium on the day of the ceremony before 7:00 PM. The gates will open for guests at 7:15 PM. Additionally, please note that a faculty march rehearsal is scheduled for tomorrow at 11:30 AM in the auditorium for those who missed the previously scheduled rehearsals.

Your presence and support are invaluable as we celebrate the achievements of our graduating students. Your participation in the faculty march adds a special touch to the ceremonies and reinforces our commitment to our students' success.

# DEPARTMENT EVENTS

The Architecture Department at  
Al Yamamah University invites you to attend

*The Architecture*

## GRADUATION CEREMONY

Monday  
10:00 a.m - 4:00 p.m

MAY  
**20**  
2024

Twaiq Building  
E304- E305- E306  
3<sup>rd</sup> Floor



# Dean's Honor List

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Hopefully, we can work  
together and this project will  
be successful.



# Dean's Honor List Fall Semester 2023-2024

## A

**ABDULLAH MOHAMAD AHMAD ALSAHHAR**  
**ALI TAYSEER ABDELRAHMAN ABUSHARAR**  
**AYA HATEM ALI ABUELWAFI**

## B

**BATOUL OSAMA KAMEL SIWAR**  
**BTOOL SAMI KHAZAL ALJIASIM**

## D

**DALAL ABDULLAH ABDULRAHMAN ALSUGHAYER**

## E

**EHSAN AKRAM ALGHAREEB SALEM**

## F

**FATEMA AMIN SHARAF ALSADA**  
**FAHAD NASSER HASSAN GHONEIM**

## G

**GEHAD MOHAMED ABDELWHAB GEBALY**

## J

**JANA TAYSEER ABDULRAHMAN ABUSHARAR**



# Dean's Honor List Fall Semester 2023-2024

## K

**KHALID ALI K SHAAR**

## L

**LATEFAH MOHAMMED ABDULLAH ALSALAMAH**

**LAYAN ZIAD AHMAD MAALI**

**LINA JAMIL AHMAD ALHANINY**

## M

**MAHMOUD ZAINULABDIN ABDULNASER MAHMOUD MUQRISH**

**MOADA MOHAMMED HAMAD ABDELAZIZ**

**MOHAMMAD ABDULRAHMAN MOHAMMAD ALSHAIKH**

**MUSTAFA NASSER BADAWE ALHABASHI**

## N

**NADA SAID ABDULKADER SKHITA**

**NADA SALEH ABDULLAH BIN GUBAIR**

**NOUR ABDULBASSET ABDULHALEEM ALKHABBAZ**

**NOURH ABDULLAH AHMED BAWAZIR**

## O

**OLAA RAID SULIMAN ELATTAR**

# Dean's Honor List Spring Semester 2023-2024

## R

**RAGHAD ABDALRAZAK OMAR ALSAYYAD**

**RAGHAD KHALID HAMDAN ABOUKHATER**

**RANEEM MOHAMMAD MOUSA MABROUK**

**RANIA EMAD YOUSEF RAYYAN**

## S

**SARA ABDULKADER KHALAF BATTI**

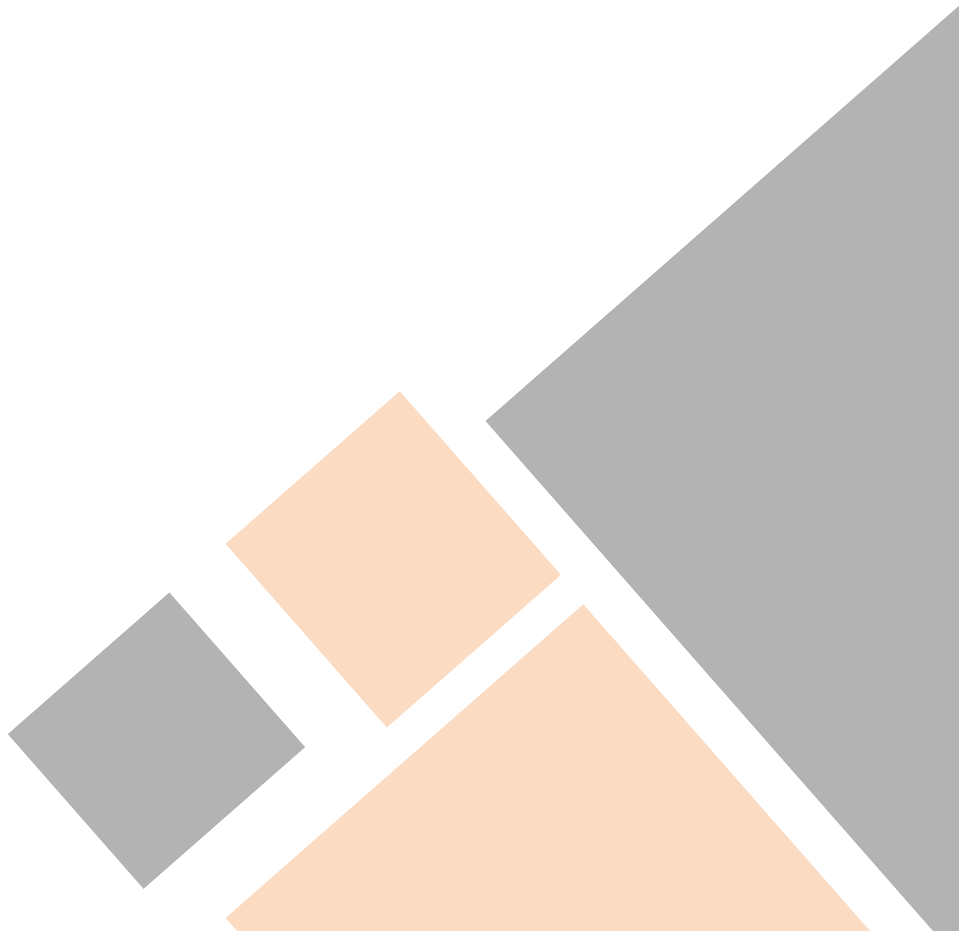
**SARA ALSIDDEEQ ABDALLA IBRAHIM**

**SARA RASHAD ABDULQADER SALAMEH**

**SARAH MOHAMMED AHMED ALSAHHAR**

## Z

**ZAINAB ALAAELDIN ALI MOHAMMAD**



The background of the entire image is a blurred photograph of two hands holding a map. The hands are positioned at the bottom and right sides of the frame, with fingers visible. The map is spread out, showing various geographical features and colors. The overall image has a soft, out-of-focus quality.

# SHAPING LEADERS OF TOMORROW

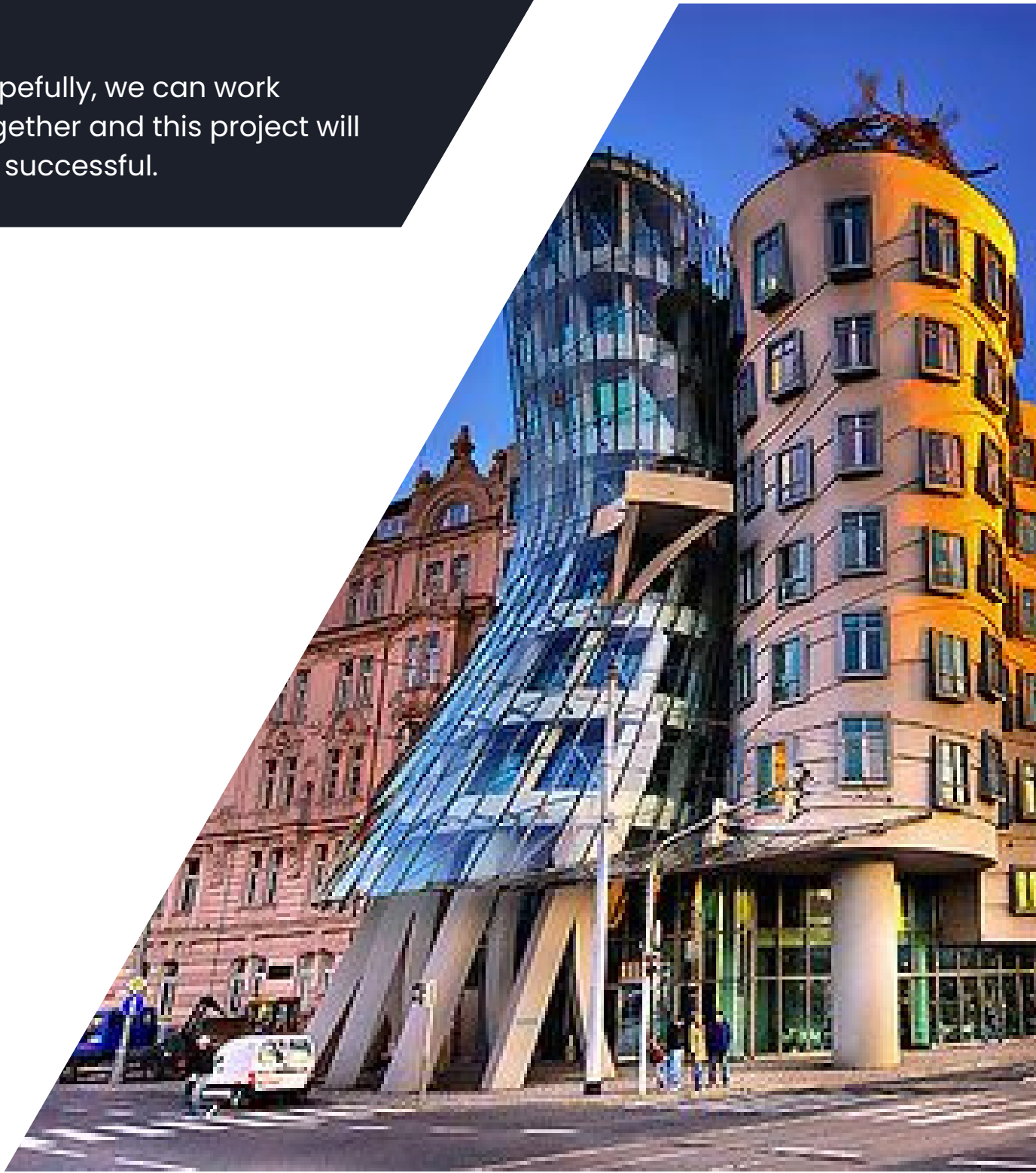
**AL YAMAMAH UNIVERSITY**



# Students' Work 2023-2024

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Hopefully, we can work  
together and this project will  
be successful.



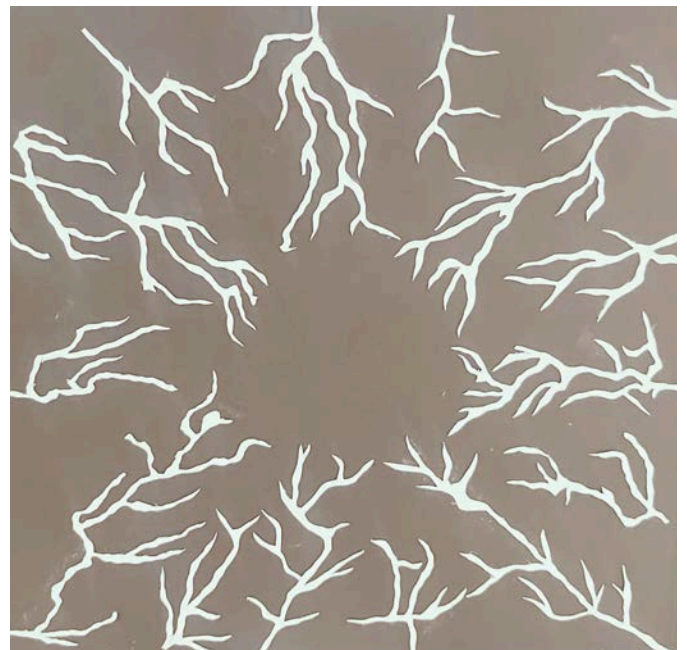
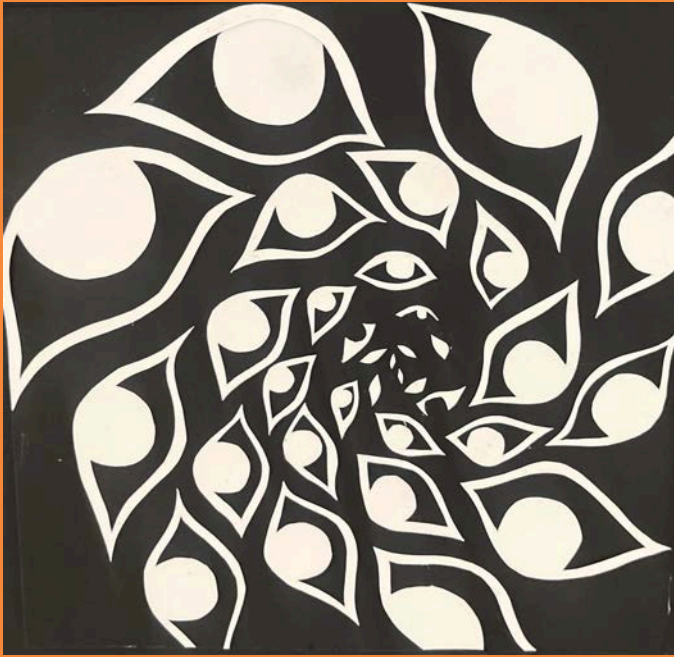


**Concept:** Eyes are a sea of emotions and feelings, and they are the one thing that cannot be manipulated or hide what appears on them. You can easily tell if someone loves you, hates you, envies you, or is sad and going through a difficult time, among many other emotions. I expressed the envious eye with snake skin because the snake symbolizes malice and deceit, and veins represent anger. The bird-like shapes represent happiness and joy. Lastly, the textures tell a different story. Despite our differences in appearance, size, color, and type of gaze, there is something that distinguishes each individual, which is the unique sparkle within this secret circle..

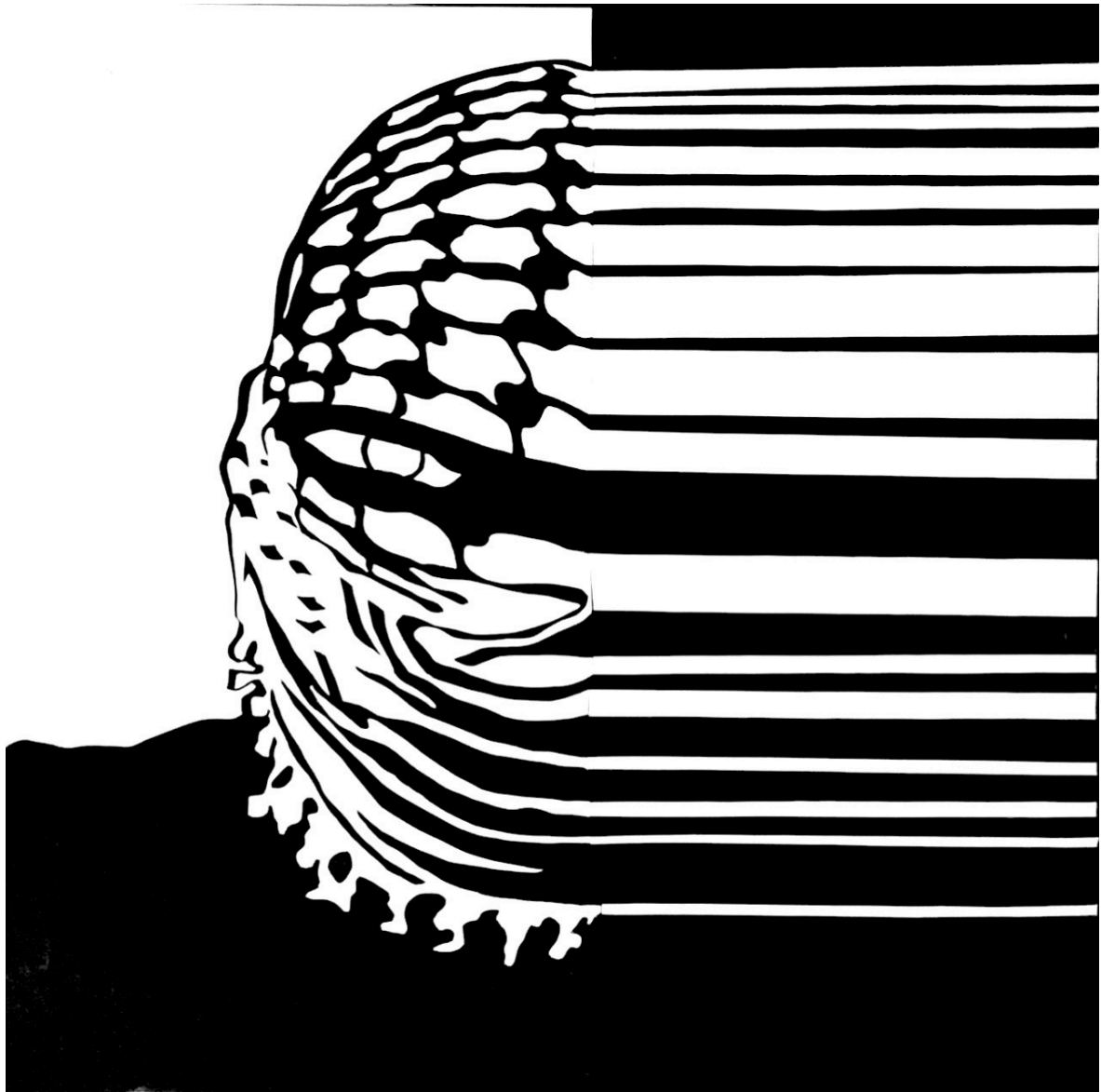
**ARCH101: 2D DESIGN PRINCIPLES**

**INSTRUCTOR: MRS.ESRAA SAMMAN**  
**STUDENT: SHAHAD ALBASHA**









My concept focuses on the relationship between the olive tree and Palestine, highlighting how the olive tree is deeply intertwined with Palestine's geography, culture, society and even in terms of fashion. It's home to the world's oldest olive tree, estimated to be around 5,500 years old.

**ARCH101: 2D DESIGN PRINCIPLES**

**INSTRUCTOR: MS. MAHA SEN ALQAHWAJI**  
**STUDENT: AREEJ ALKAHLOUT**





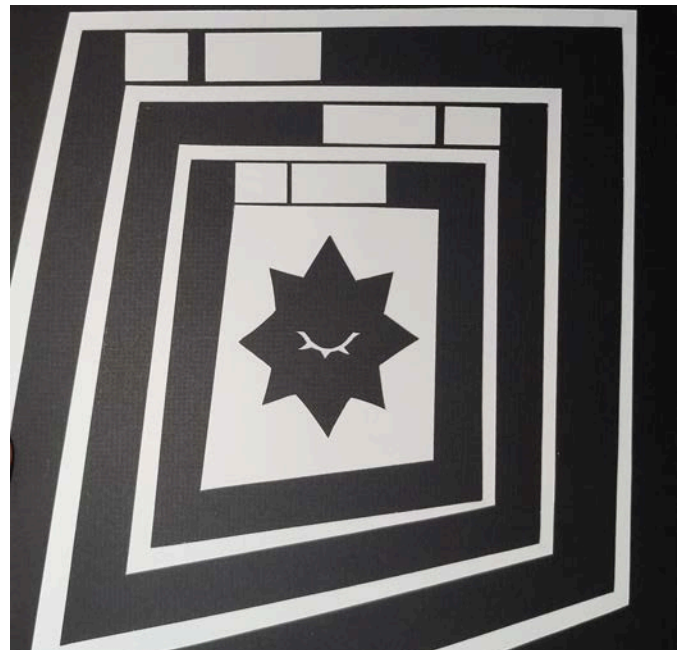
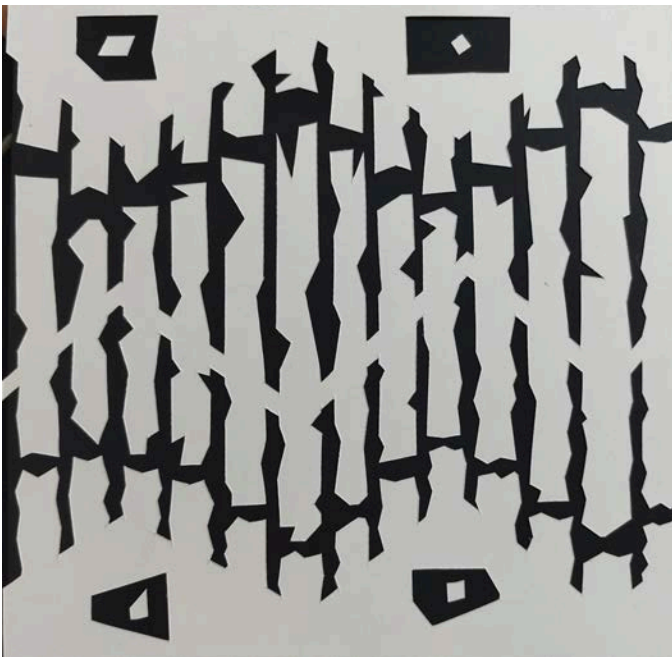
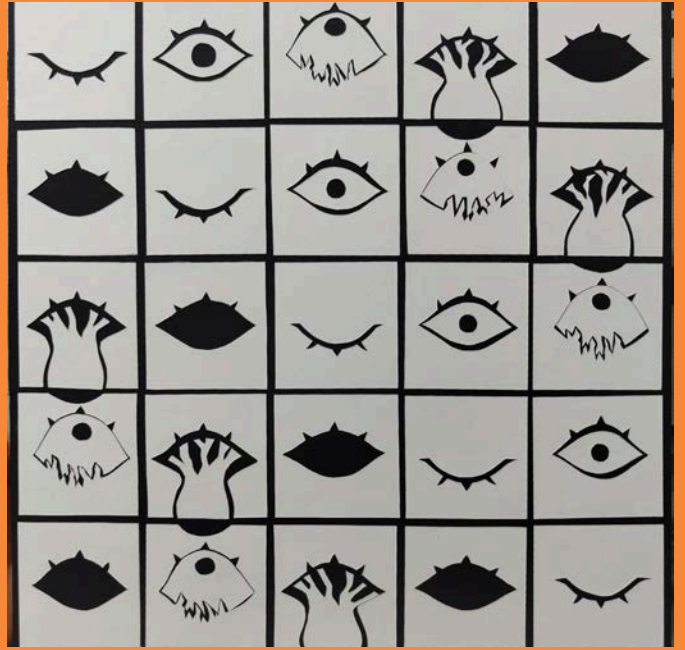
My concept focuses on the fear as a powerful feeling that we are forced to feel and carry in our lives as well as how it can destroy us from within.

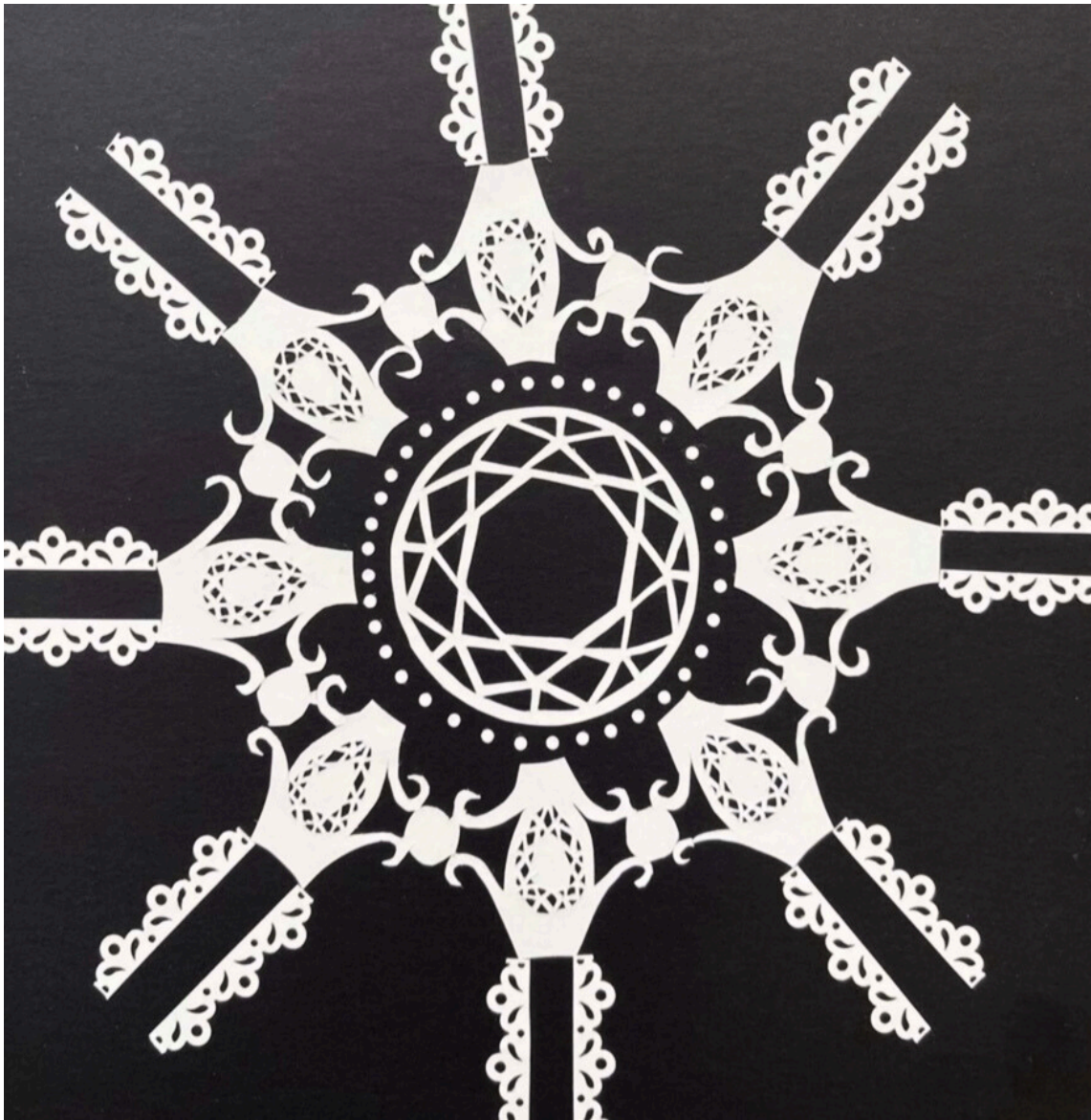
I used the following design principles to express the concept of fear: Similarity, Anomaly, Structure, Radiation, Texture, and Space.

**ARCH101: 2D DESIGN PRINCIPLES**

**INSTRUCTOR: MS. MAHA SEN ALQAHWAJI**  
**STUDENT: JODI MOHAMMED SODA**







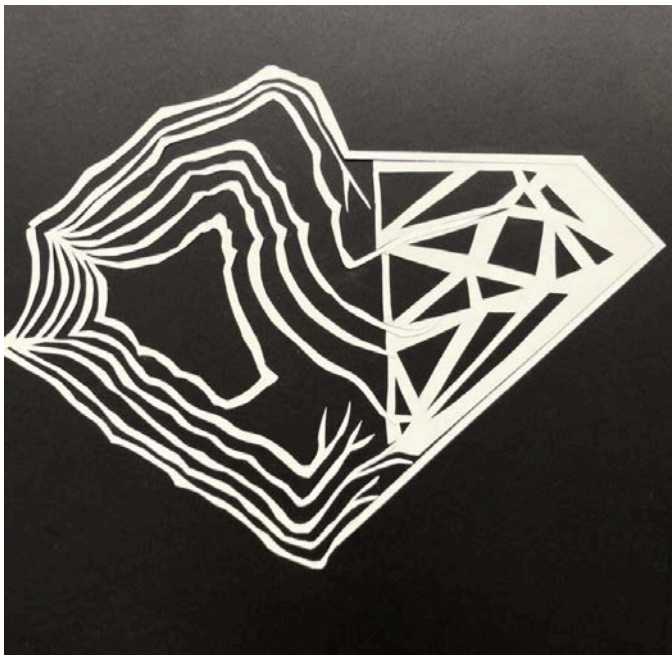
### Concept:

The concept of my project focuses on how the stage of discovering diamonds buried in mines resembles a person's hidden dreams, and how a person goes through all the bitter stages and difficult complexes in order to reach ideality and beauty, and this is exactly what happens in the stages of diamond manufacturing.

**ARCH101: 2D DESIGN PRINCIPLES**

**INSTRUCTOR: MRS.ESRAA SAMMAN**  
**STUDENT: MAHA SAAD ALAYYAF**







# ARCH102: VILLA DESIGN

**INSTRUCTOR: MRS.ESRAA SAMMAN**  
**STUDENT: FATEMA ALSADA**



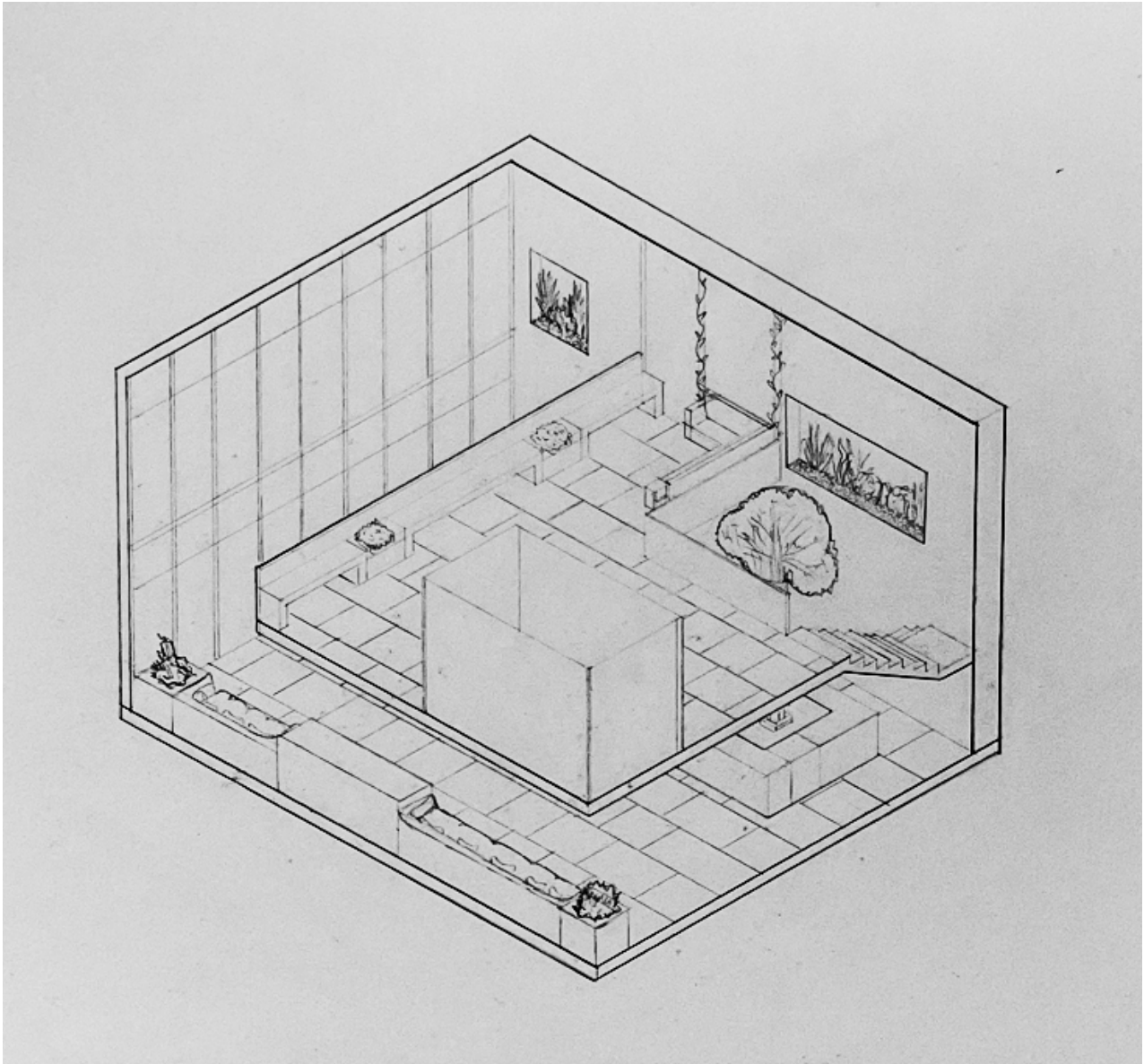
## **Concept:**

The rendered architectural drawing will include an isometric view and elevations of a modern urban residence. The isometric view will highlight the building's 3D form with detailed textures, while the elevations will provide front, rear, and side views with realistic material finishes and shading. The section will illustrate internal spatial relationships .



# ARCH102: YU BIOPHILIC LOUNGE

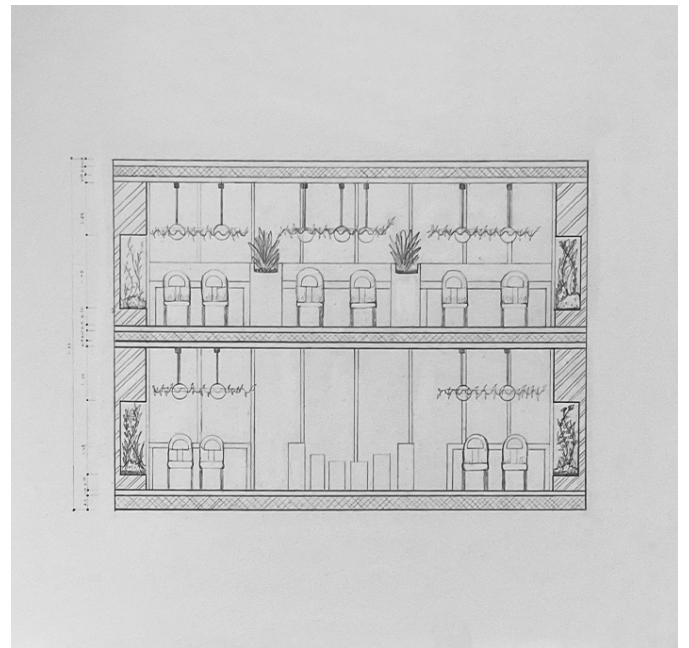
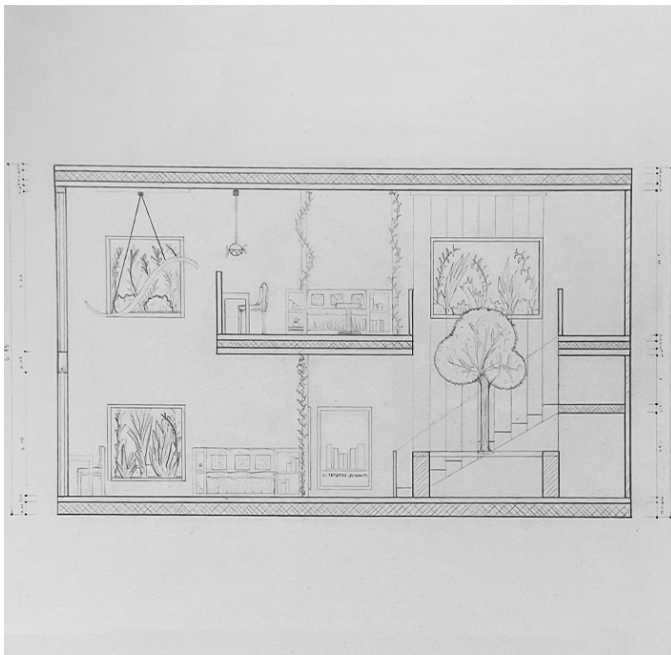
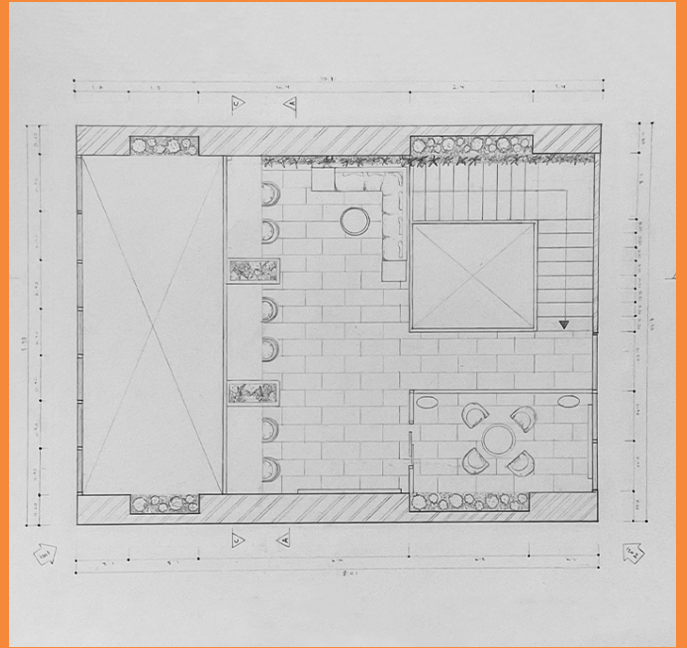
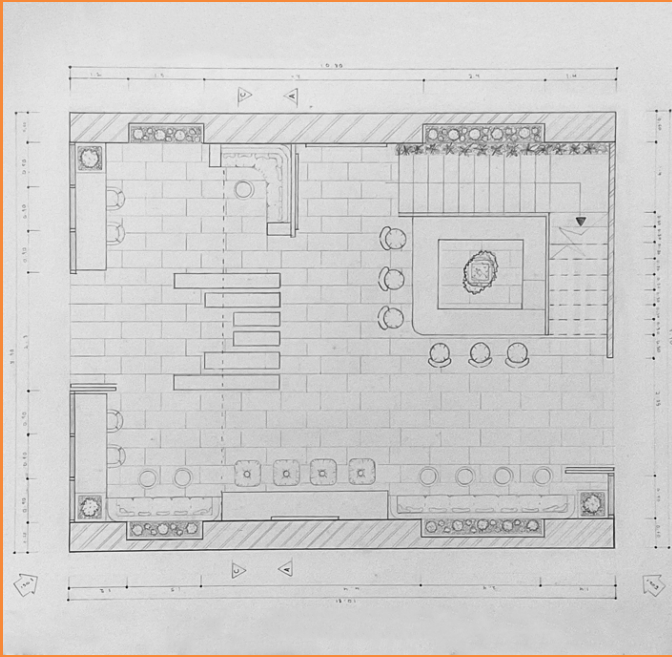
**INSTRUCTOR: MS.MONA MUSTAFA**  
**STUDENT: LUJAIN HANI**



## Concept:

The proposed Biophilic lounge seeks to create an unique space that combines the benefits of biophilic design with the functionality of a lounge .The renovation will transform the existing library into vibrant , inviting space that encourages social interaction , relaxation and contemplation





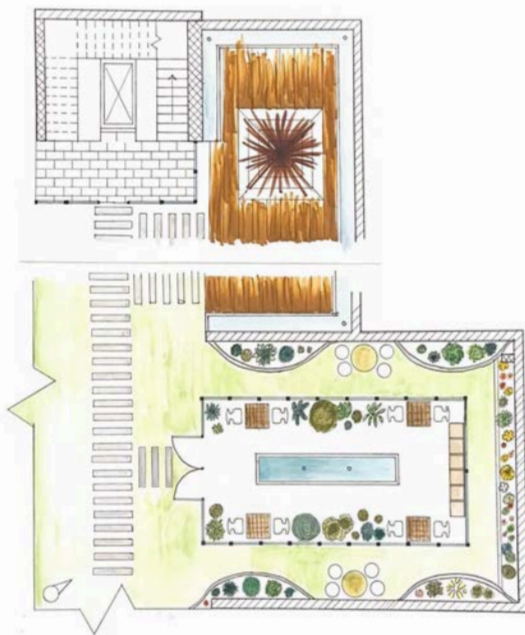
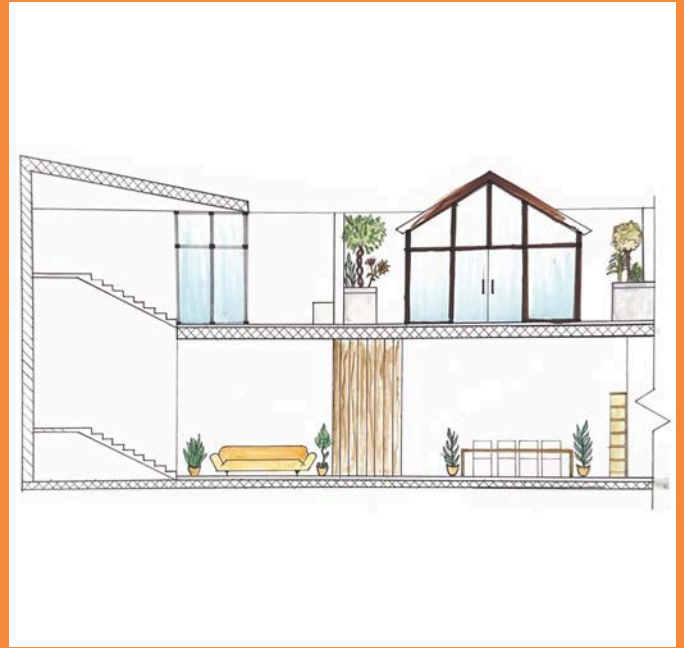
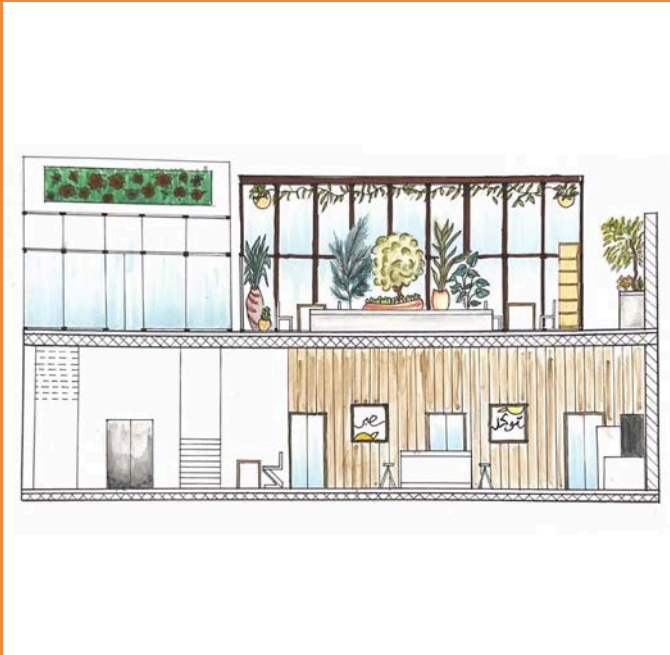
# ARCH102: YU GREEN HOUSE

**INSTRUCTOR: MRS.ESRAA SAMMAN**  
**STUDENT: AREEJ ALKAHLOUT**



## Concept:

I believe that integrating nature with study is a beautiful and beneficial step, as nature helps improve focus and reduce stress. Based on this, I created a glass house with a small library and a green space on the roof. Additionally, I expanded the current library to provide more space and increased privacy for students during their studies.





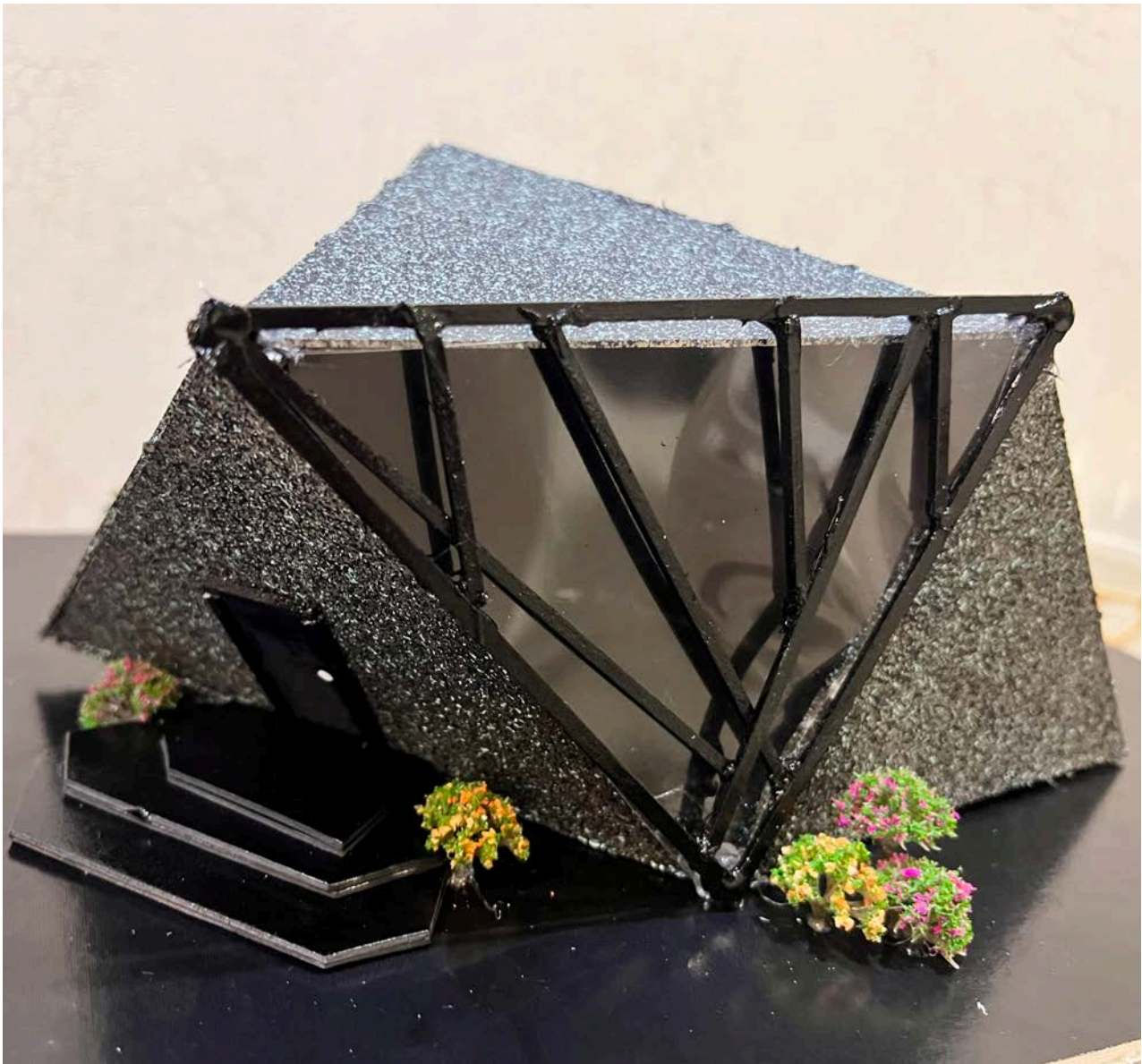
**Concept:**

Radiant Cubes studio design, inspired by Marie Curie—the pioneering physicist and chemist who discovered radioactivity—uses fragmented and interlocking cubes to symbolize her struggles and resilience. Transparent materials and a minimalist aesthetic reflect the purity of her scientific pursuit. This design fosters an inspiring environment for research and contemplation.

**ARCH111: MARIE CURIE****INSTRUCTOR:MR.ABDULLAH ELSHAFIE  
STUDENT: FATEMA ALSADA**







### Concept:

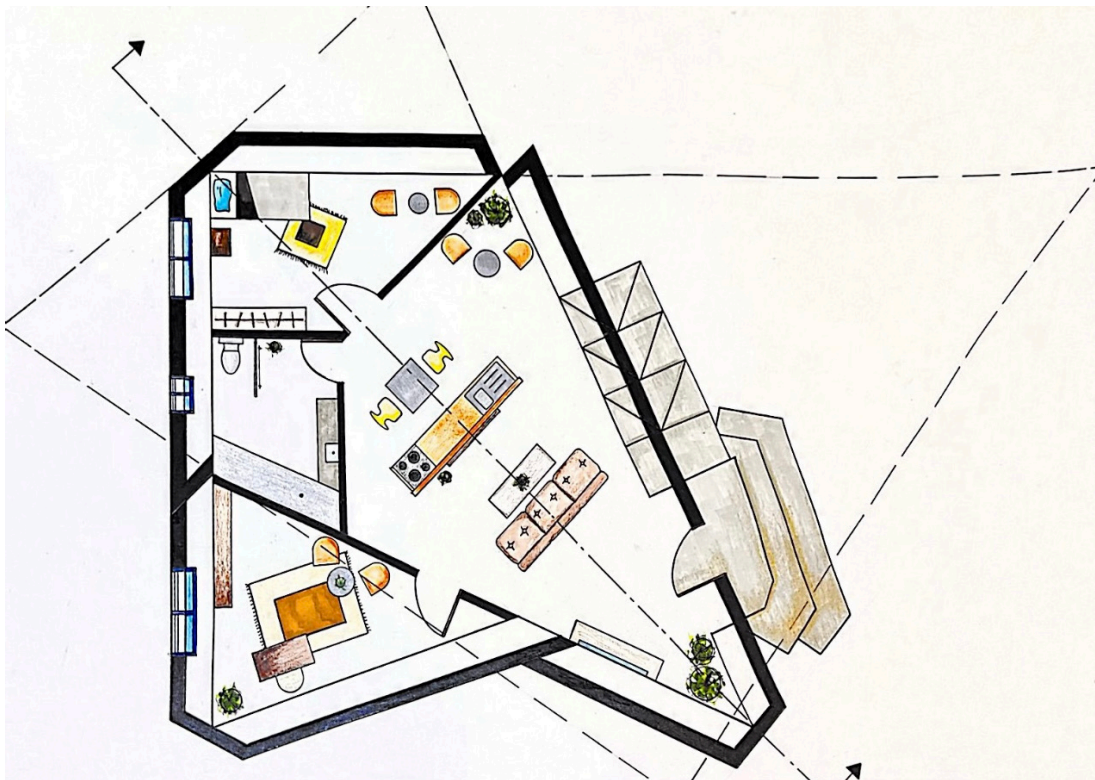
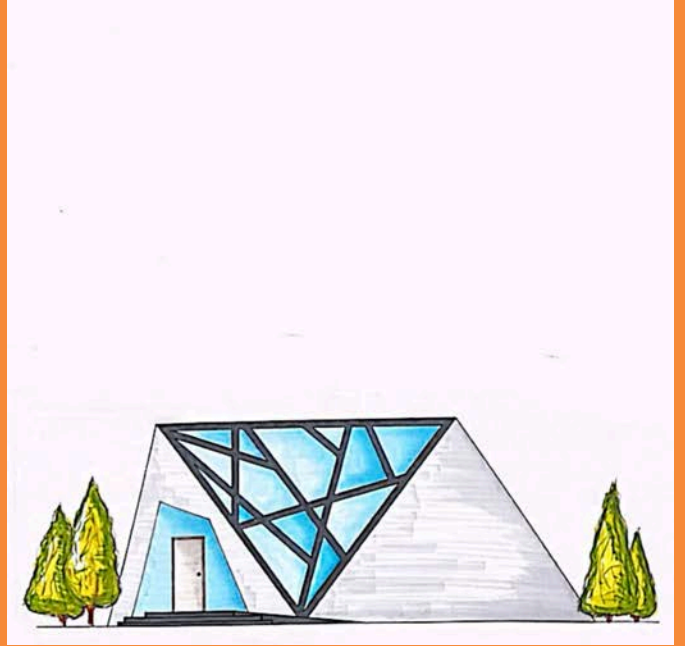
The project is inspired by Leonardo da Vinci, he is one of the most prominent artists of the Renaissance period, was born in 1452 in Italy. He was known as a polymath, excelling in astronomy, mathematics, physics, geology, botany, and cartography. He gained fame for his skills in painting and sculpting and showed great proficiency in military engineering and architecture.

Additionally, he made contributions to the fields of medicine and literature. He is also considered a composer.

**ARCH111: LEONARDO DA VINCI**

**INSTRUCTOR:MR.ABDULLAH ELSHAFIE**  
**STUDENT: REEM ALHADER**





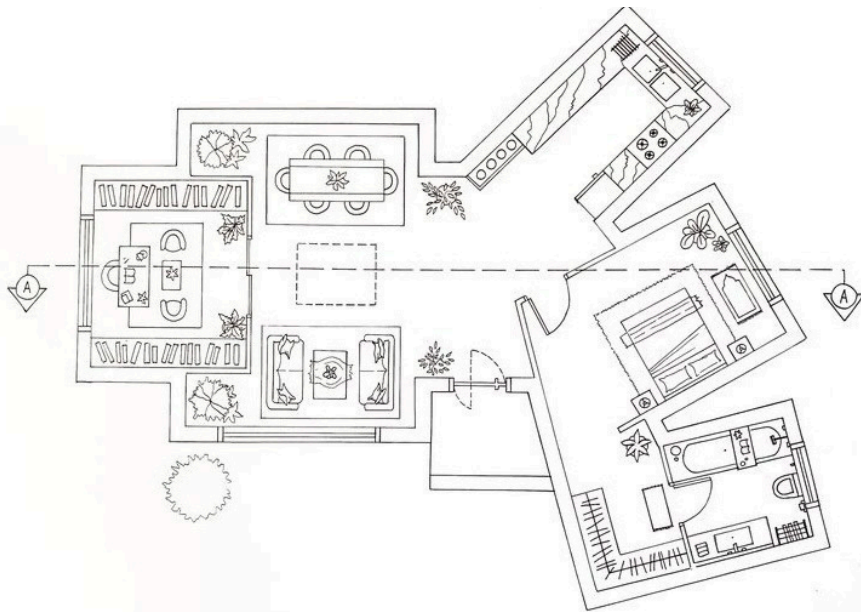
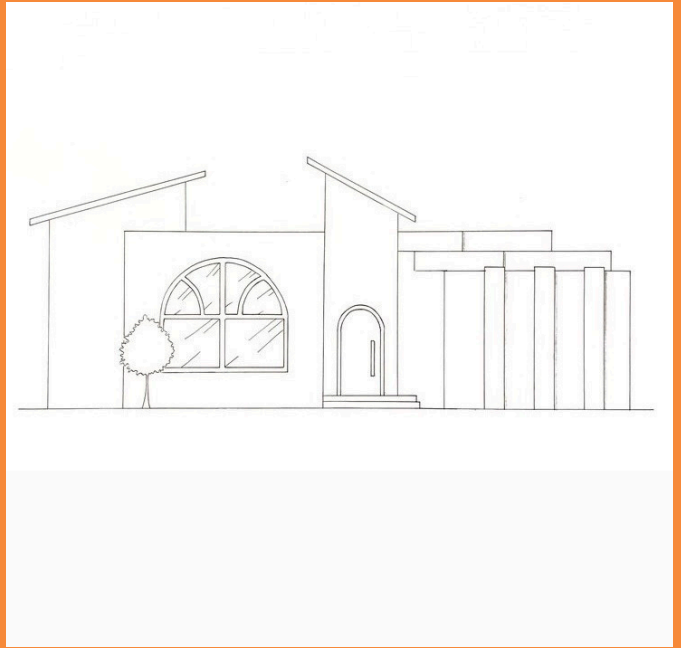
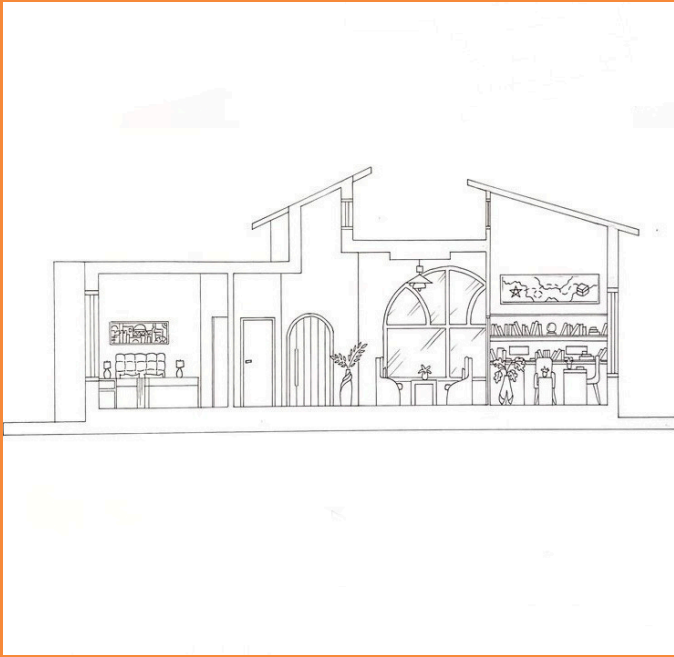


### Concept:

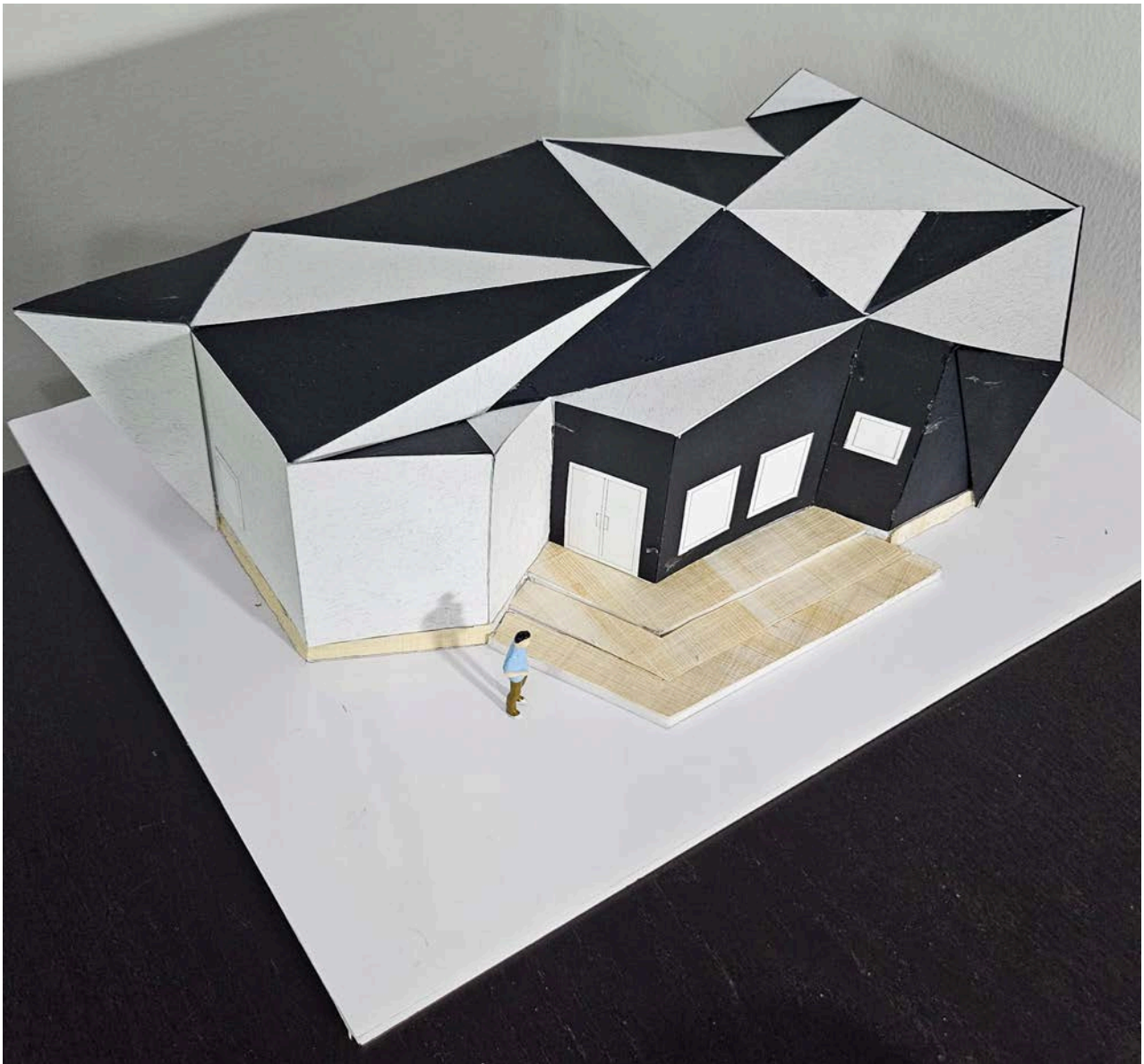
The project draws inspiration from Ibn Battuta, a Moroccan traveler whose book "Rihla" chronicles his global journey. His metaphor of migration from a nest informs the design, with graduated heights symbolizing departure, and large windows embodying openness inspired by Tangier's architecture. The roof's upper windows represent ambition, illuminating indoor plants and a writing room for an inspiring environment. The color palette, drawn from natural elements like sand and wood, further enriches the connection to nature and Ibn Battuta's experiences.

## ARCH111: IBN- BATTUTA

**INSTRUCTOR: MR.ABDULLAH ELSHAFIE**  
**STUDENT: SUHA ABO RAMADAN**





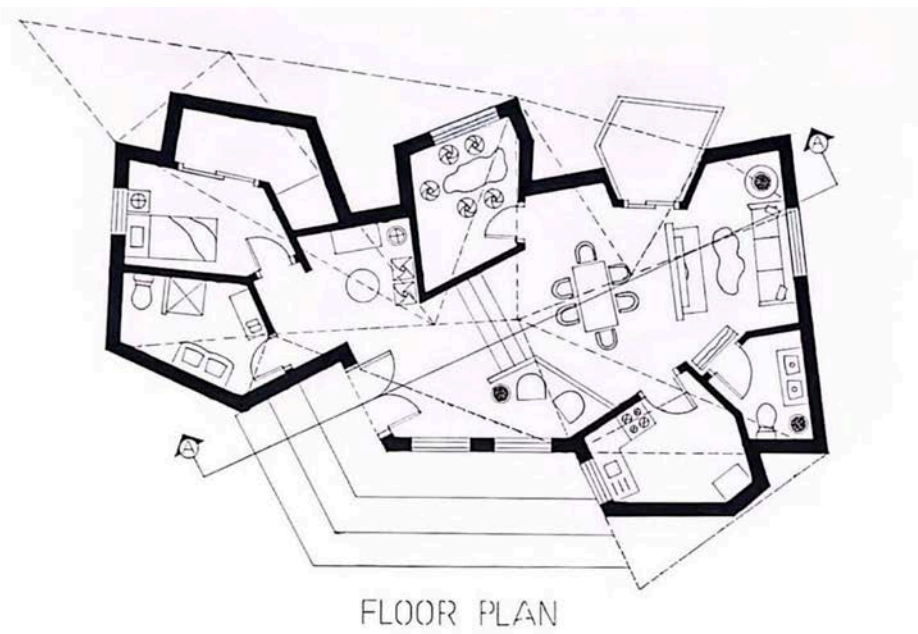
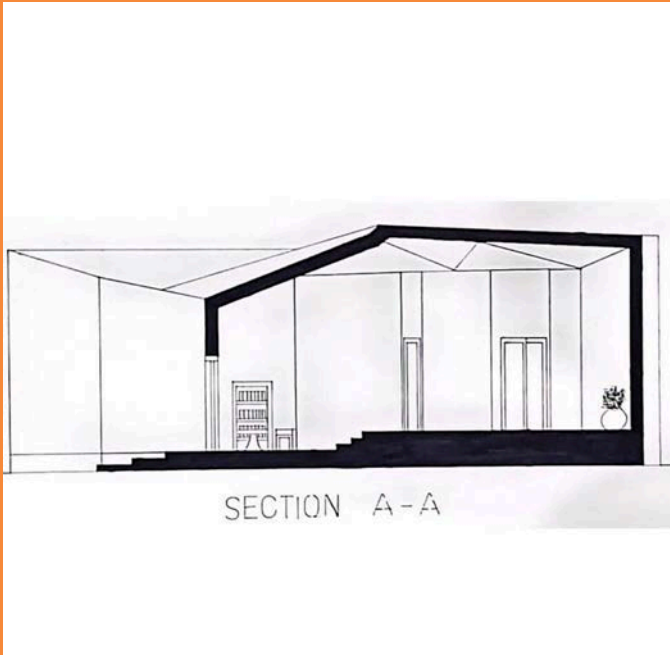


### Concept:

This design takes inspiration from Vincent Van Gogh, a Dutch post-impressionist painter famous for his art and tragedies. The design tells the story of three stages of Van Gogh's life. The first being his passion and love for painting, the second is him facing mental illness, and the third is him finding balance in his life by painting and receiving treatment.

**ARCH111: VINCENT VAN GOGH**

**INSTRUCTOR: MR. ABDULLAH ELSHAFIE**  
**STUDENT: DIMAH ALSRAIHINY**



# ARCH201: GUEST HOUSE

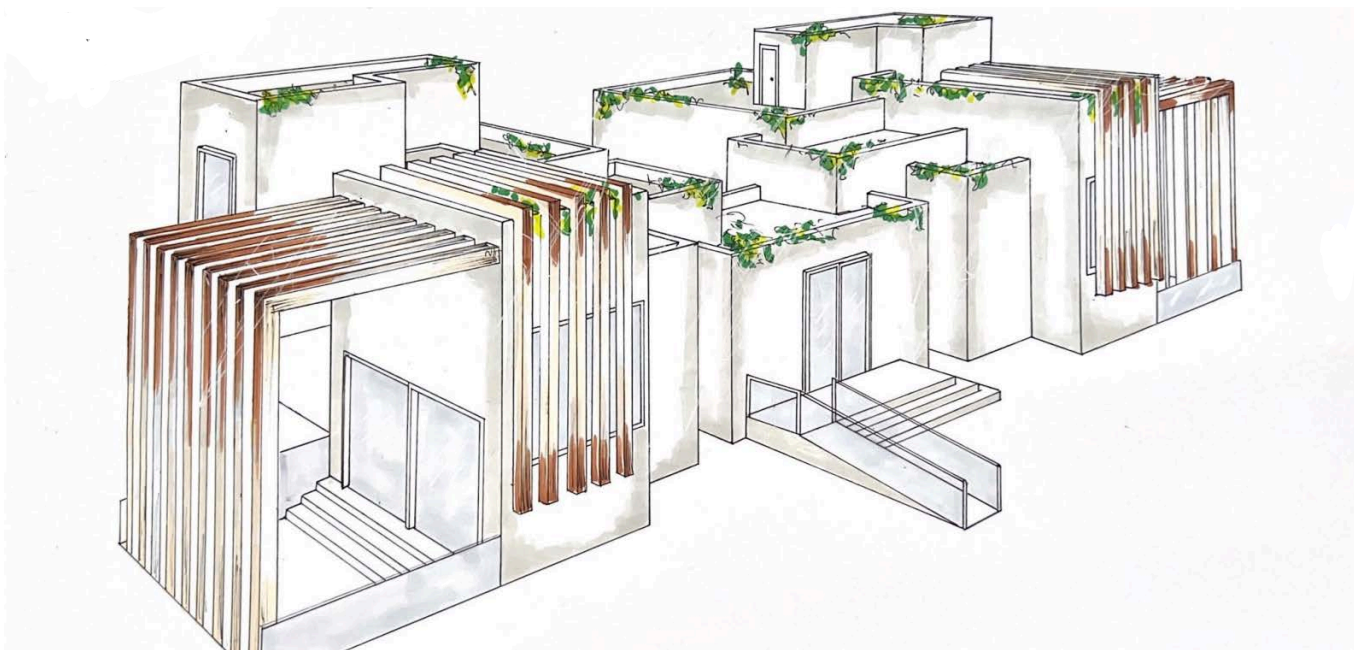
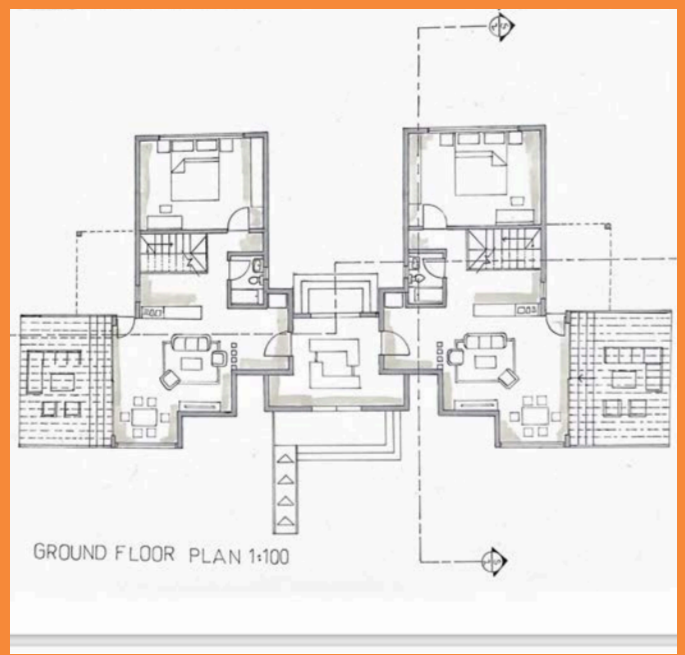
**INSTRUCTOR: MRS.ESRAA SAMMAN**  
**STUDENT: NOUR ALKHABBAZ**



## Concept:

The concept is inspired by Babylonian architecture, as different heights were used in the building along with green roofs to solve the problem of high temperatures in the area and purify the building's indoor air, while adding aesthetic elements that integrates with the university environment.





# ARCH201: FUTURISTIC VILLA

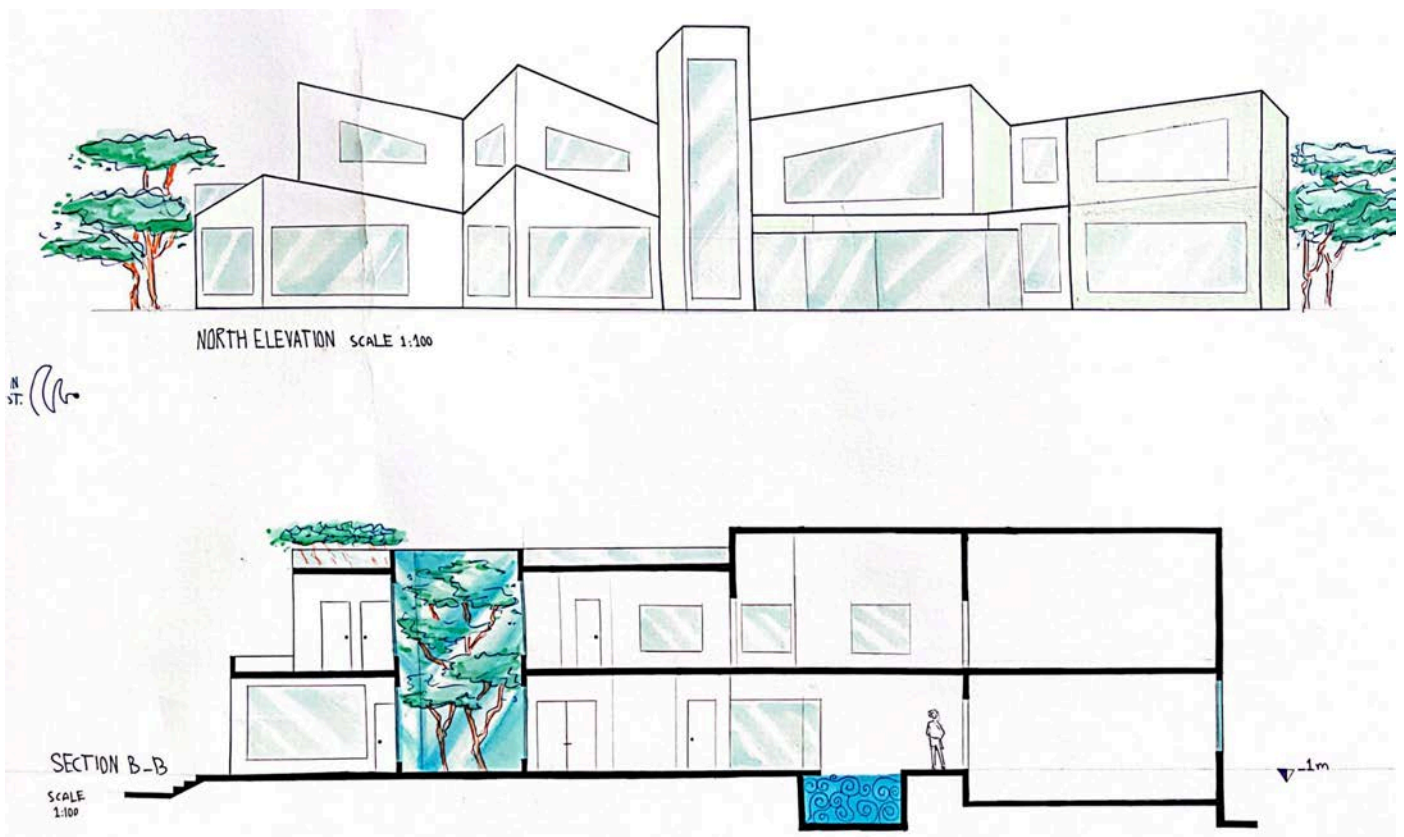
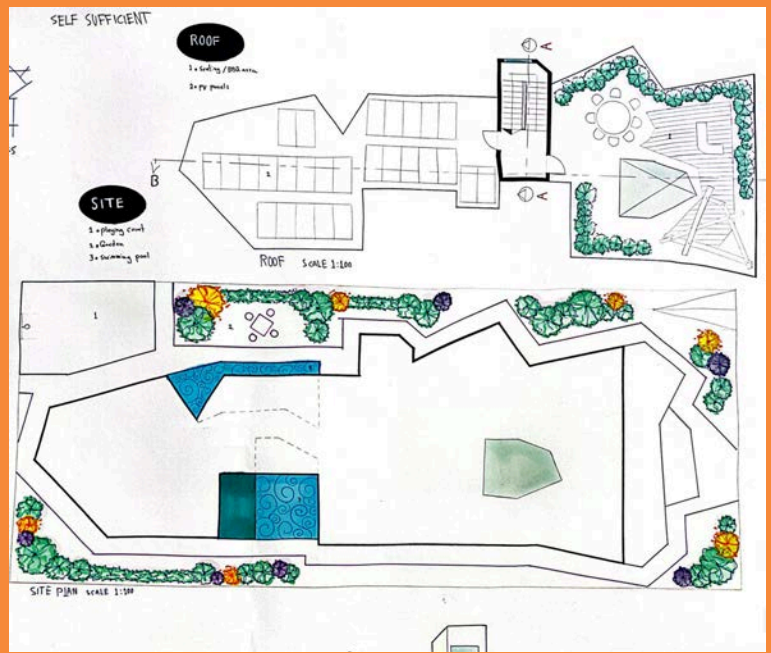
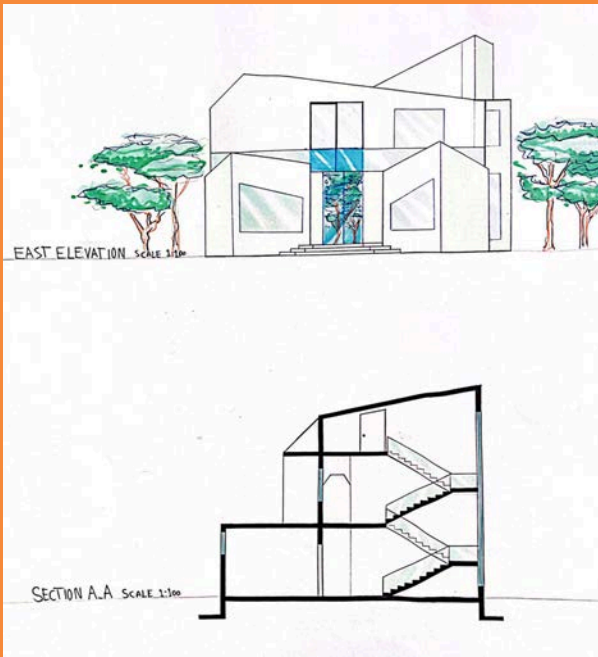
**INSTRUCTOR: DR. RAHMA DOHIEM**  
**STUDENT: SARAH BAKALKA**

USE



## Concept:

the aim for this project was to create a comfortable living space that utilizes certain environmental control strategies such as cross ventilation and water bodies in order to have lesser impact on our environment.





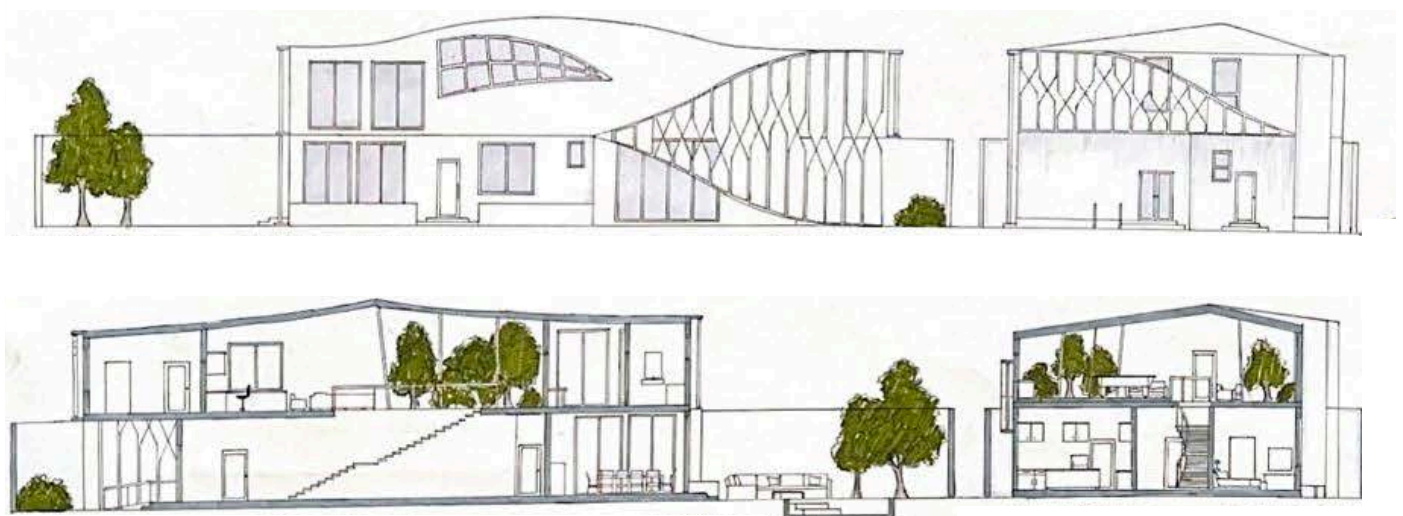
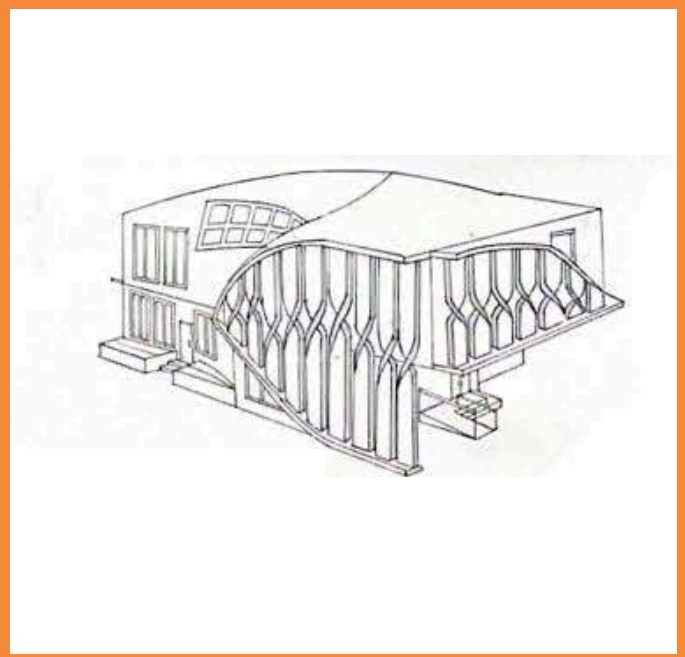
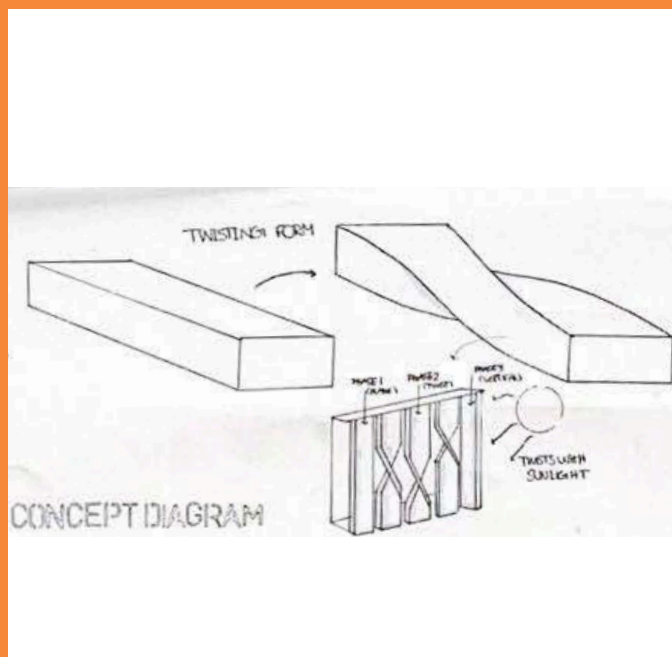
# ARCH201: FUTURISTIC VILLA

**INSTRUCTOR: MRS.ESRAA SAMMAN**  
**STUDENT: AYA HATEM**



## Concept:

I created a twisting form because the unpredictable future can lead to diverse outcomes. The kinetic facade, with sun-dependent, three-phase twisting louvers, enhances thermal comfort and provides aesthetic views.





# ARCH202: HISTORY OF ARCHITECTURE

STUDENT: SARA ALSAKKAF



**PISA**  
- ITALY -





# ARCH202: HISTORY OF ARCHITECTURE

## STUDENT: SARAH BAKALKA



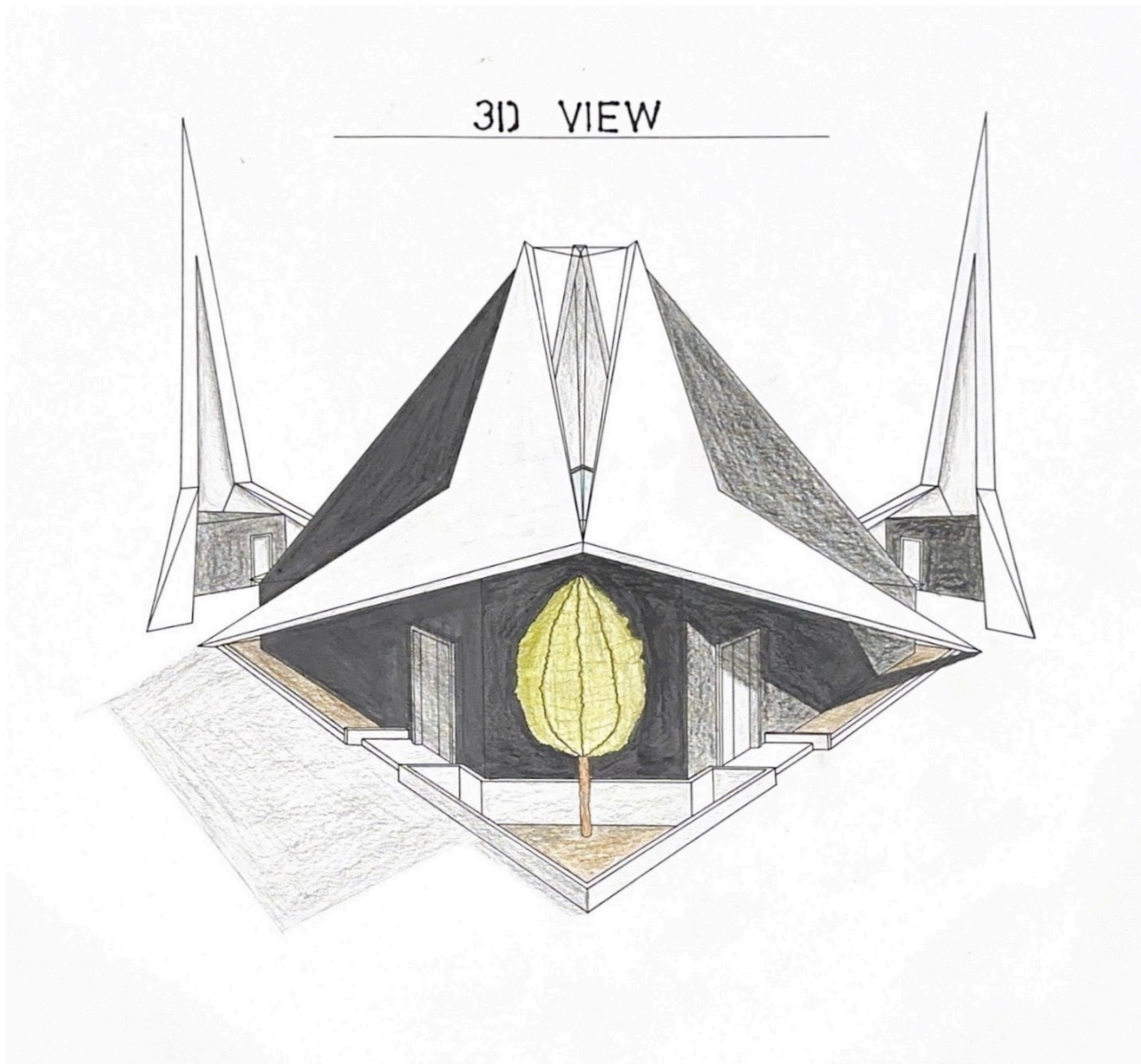
DUOMO DI MILANO,  
ITALY



## GOTHIC ARCHITECTURE

### CHARACTERISTICS





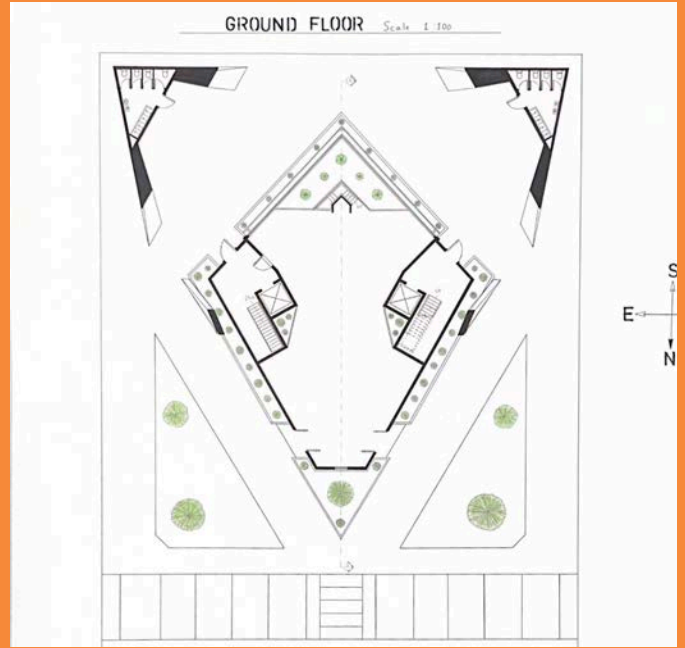
### Concept:

"The Dove Mosque" in Madinah, Saudi Arabia, is inspired by the abstract form of doves which are prevalent in the area. It features multiple interior and exterior atriums, including one with a tranquil waterfall. Skylights allow natural light to beautifully illuminate the space. Interior prayer spaces provides a sense of spirituality.

## ARCH211: THE DOVE MOSQUE

**INSTRUCTOR: MR.ANAS HUSSEIN**  
**STUDENT: FAHAD GHONEIM**







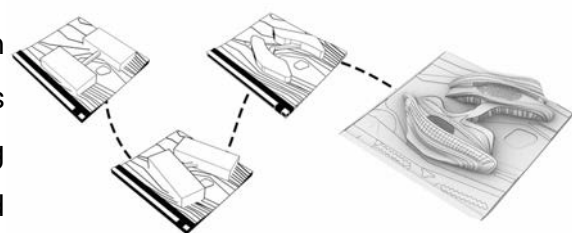
# ARCH301: RESEARCH CENTER

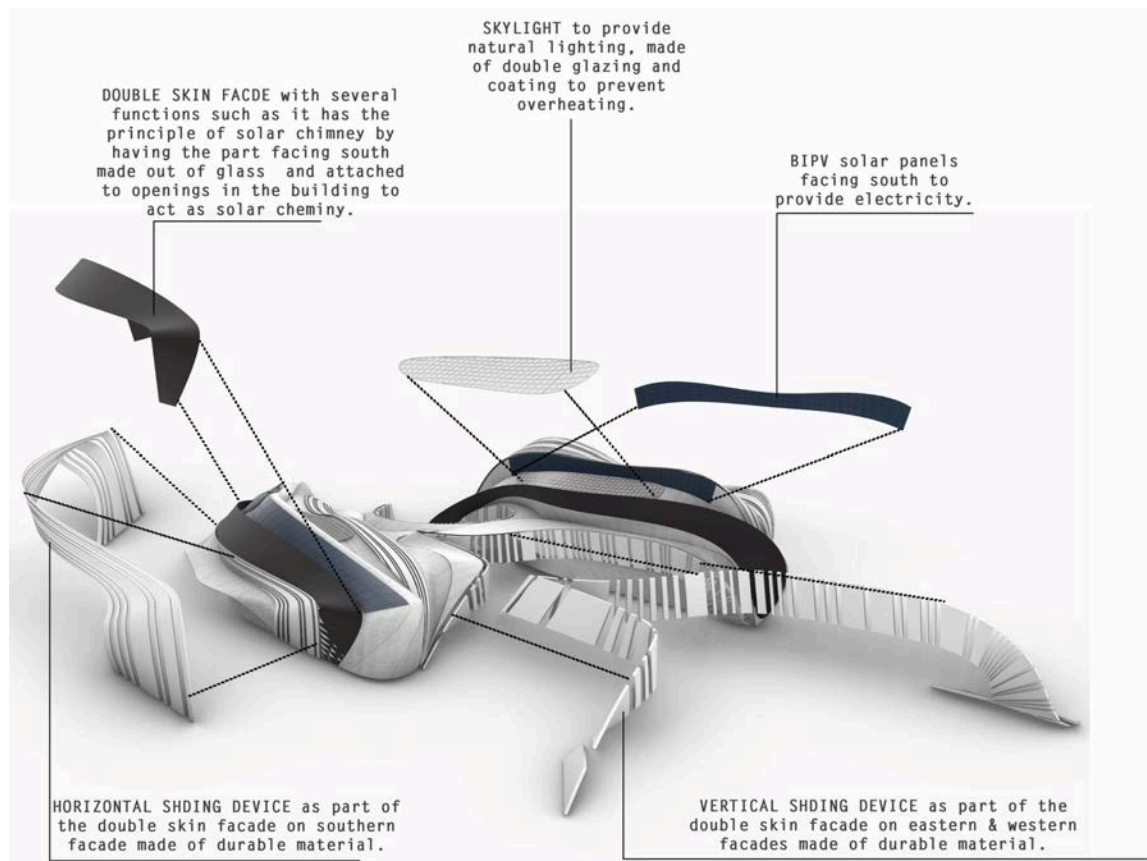
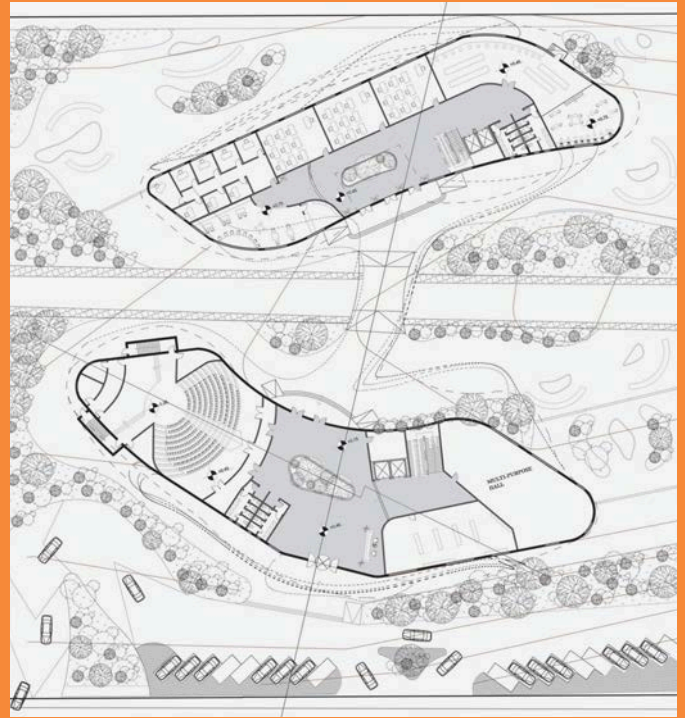
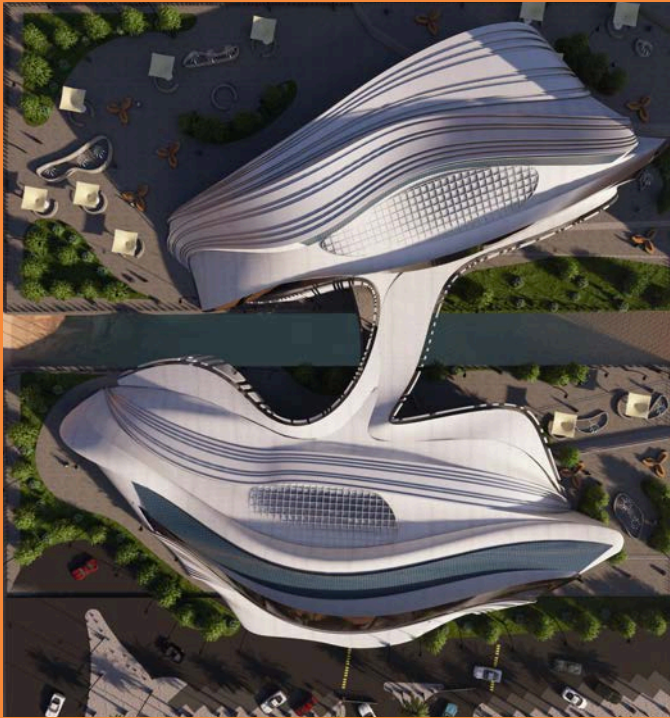
**INSTRUCTOR: DR.MAYAS TAHA**  
**STUDENT: NADA BIN GUBAIR**



## Concept:

The project aim was to design a research centre in Wadi Hanifa with the beneficial use of natural energy resources and enhance the passive systems which leads to a less energy consumption and energy load. The concept of the design was developed in respect to the surrounding environment, the contour, the water valley, and orientation which considered one of the most important environmental strategies.

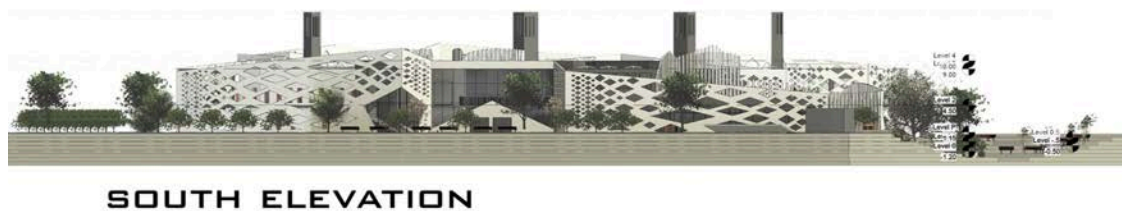
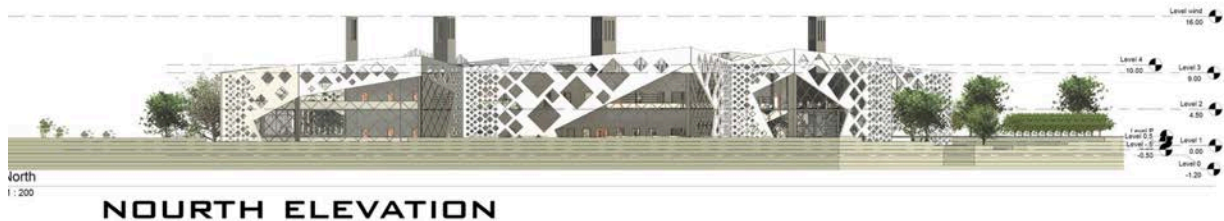






# ARCH301: RESEARCH CENTER

**INSTRUCTOR: DR.MAYAS TAHA**  
**STUDENT: EHSAN SALEM**



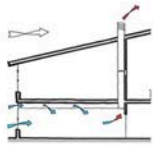
## Concept:

the design concept is based on environmental compatibility, considering sustainability and site-neutral characteristics (by reducing energy consumption and generating clean energy to cover the building's needs - fully or partially - through passive cooling and natural lighting).



## ENVIRONMENTAL STRATEGIES

SOLAR CHIMNEY



CROSS VENTILATION

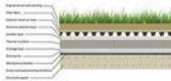
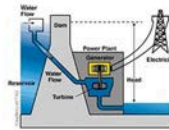


COURTYARD

COOL ROOF

GREEN ROOF

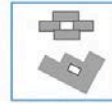
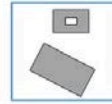
HYDRAULIC PAWER



SOLAR PANEL °38.6 :WINTER °8.6 SUMMER °23.6 SPRING AND FALL

WIND CATCHER

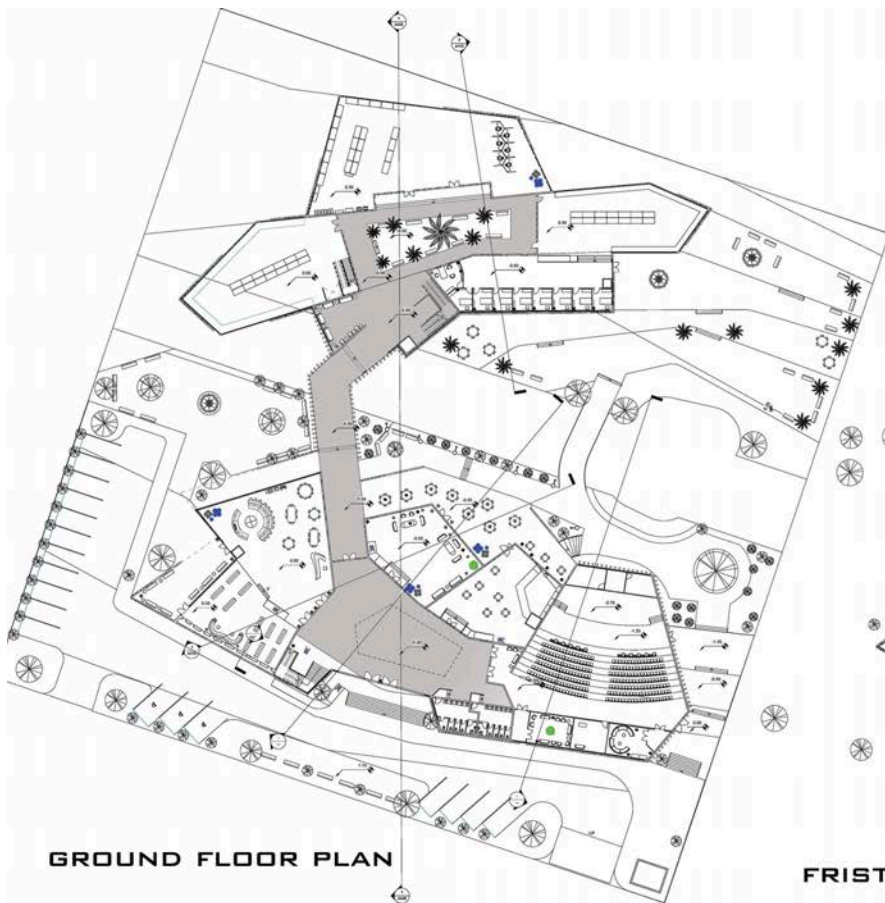
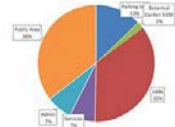
## MASS DEVELOPMENT



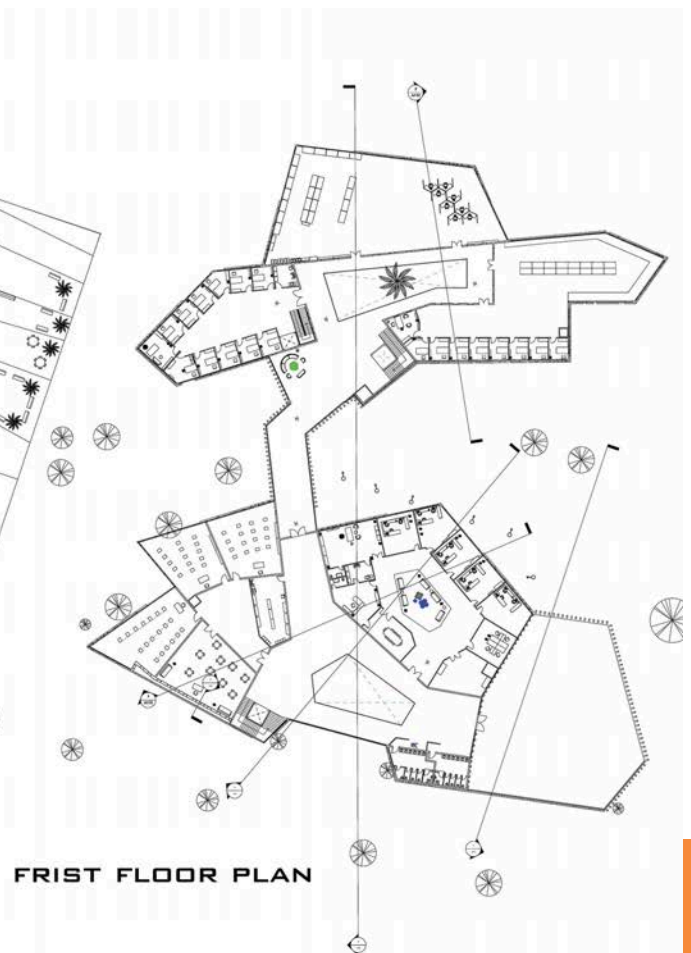
WIND DIRECTION AND VENTILATION

FOR MORE LIGHTING

COORDINATE WITH THE GENTURE LINE



GROUND FLOOR PLAN

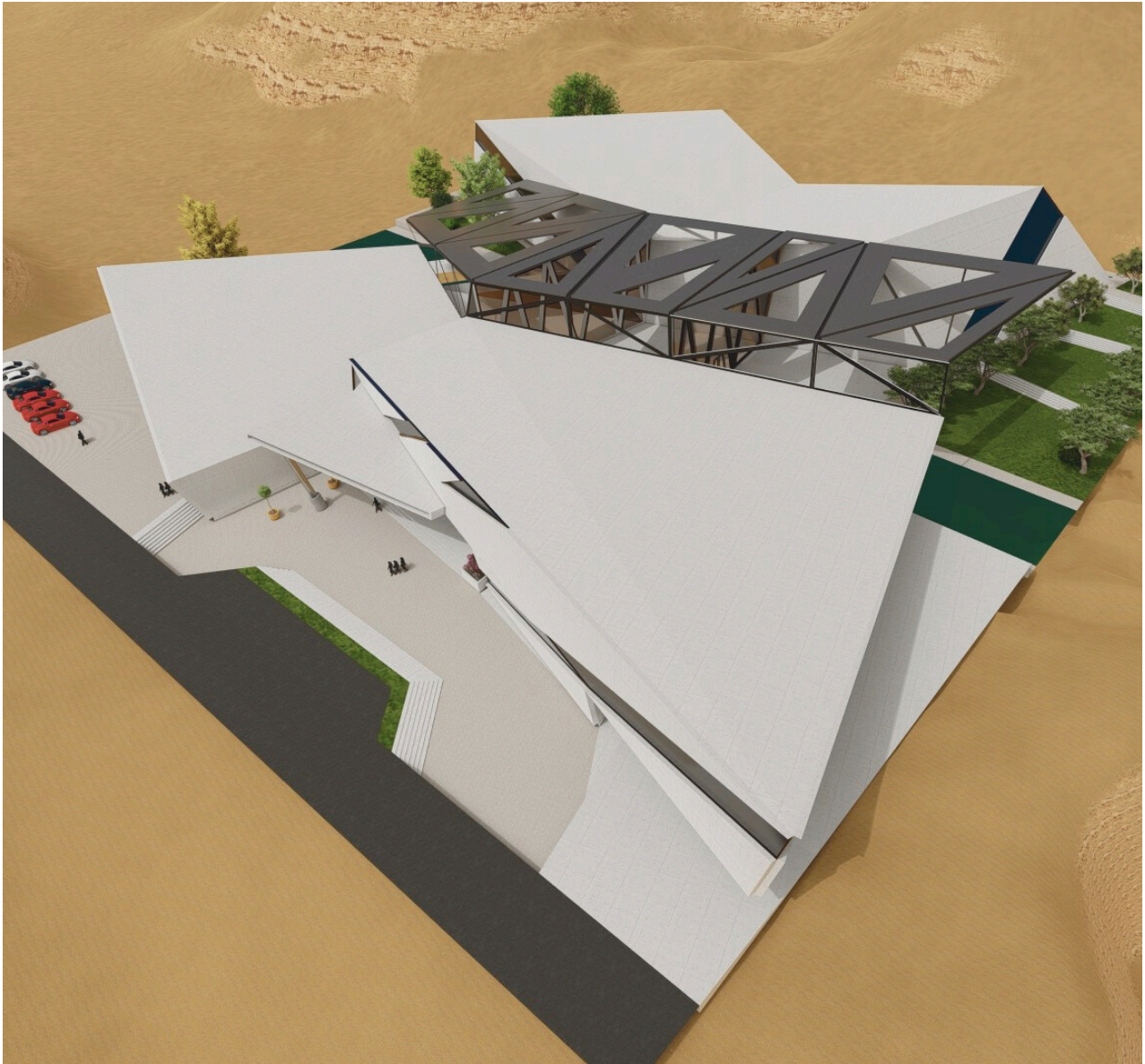


FRIST FLOOR PLAN

# ARCH301: RESEARCH CENTER

**INSTRUCTOR: MS.NOOR TAYEH**

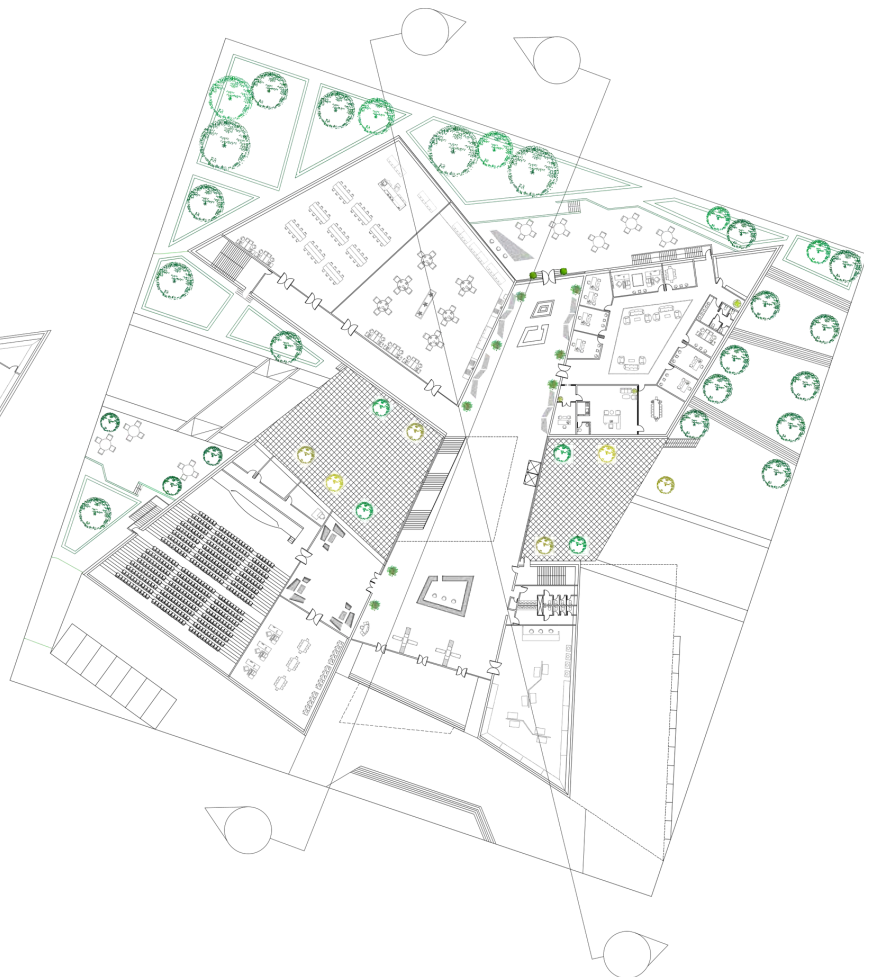
**STUDENT: NOURH ABDULLAH BAWAZIR**



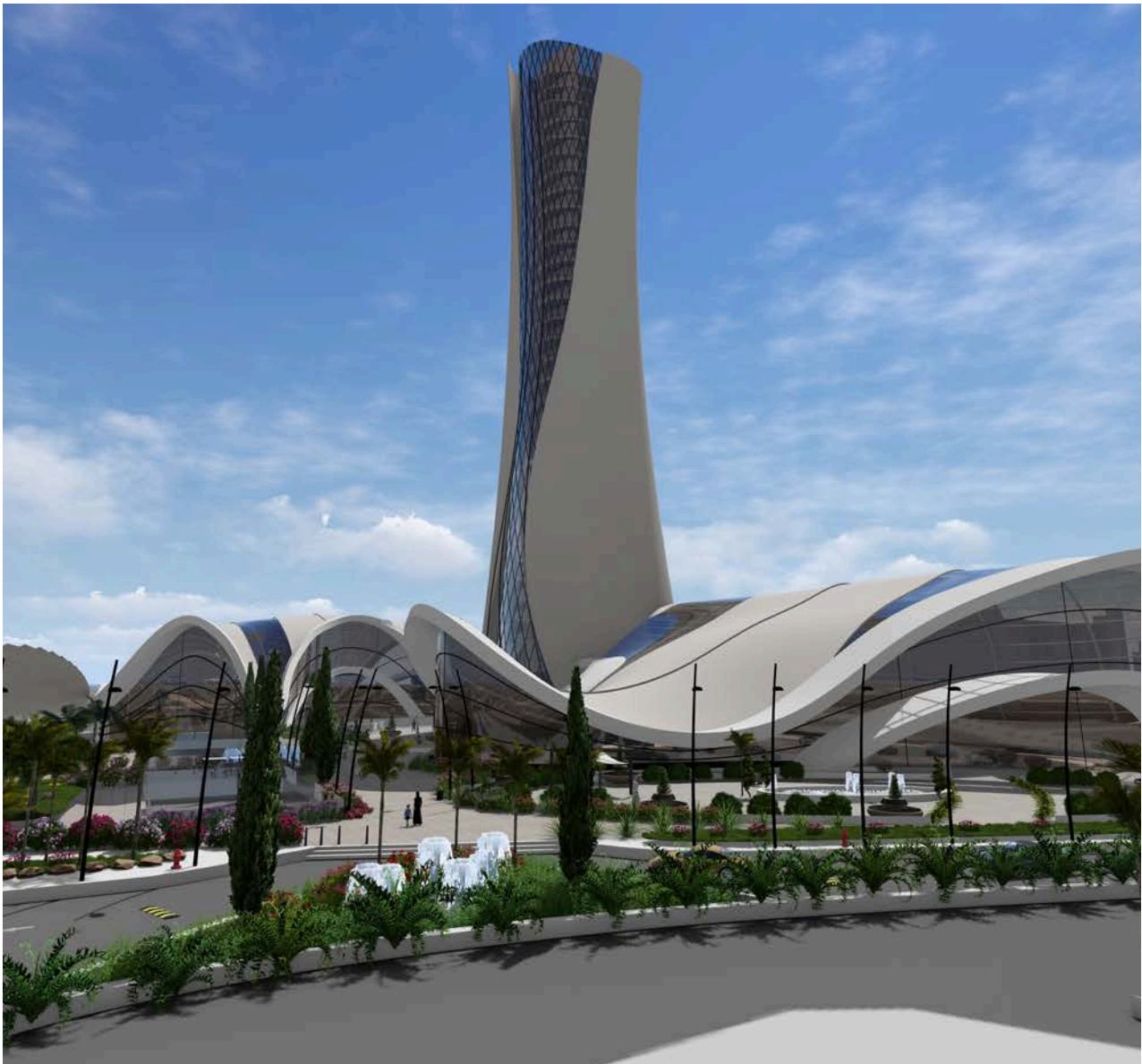
## Concept:

The idea of the project is the result of visiting the site and feeling its most prominent features. The land was divided into two halves by a waterway and a slope on both sides. I did the pre-initial design of the land, creating two intersecting axes (the waterway and the block connecting the two slopes), which created beautiful spaces for me using the principle of deconstruction.







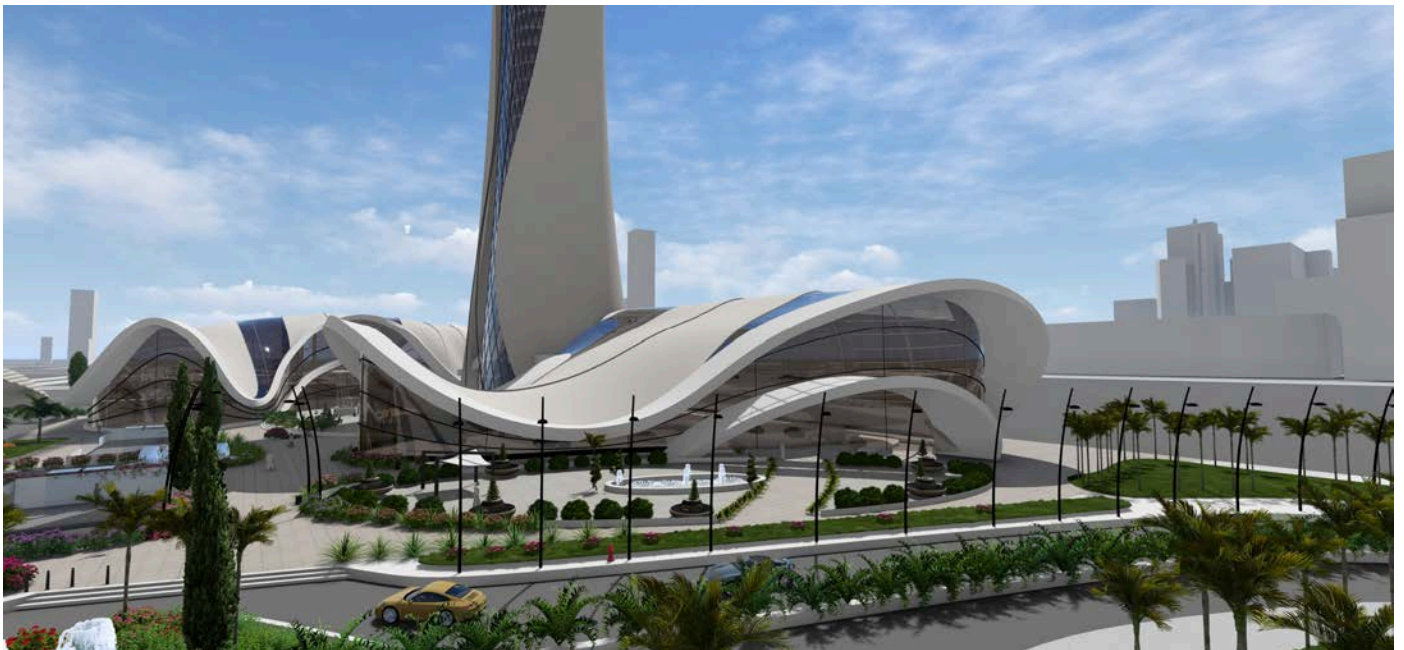
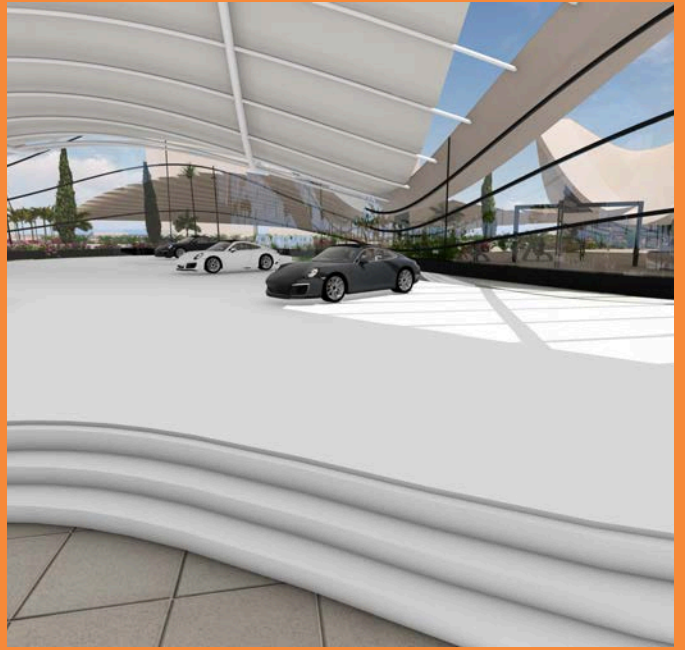


### Concept:

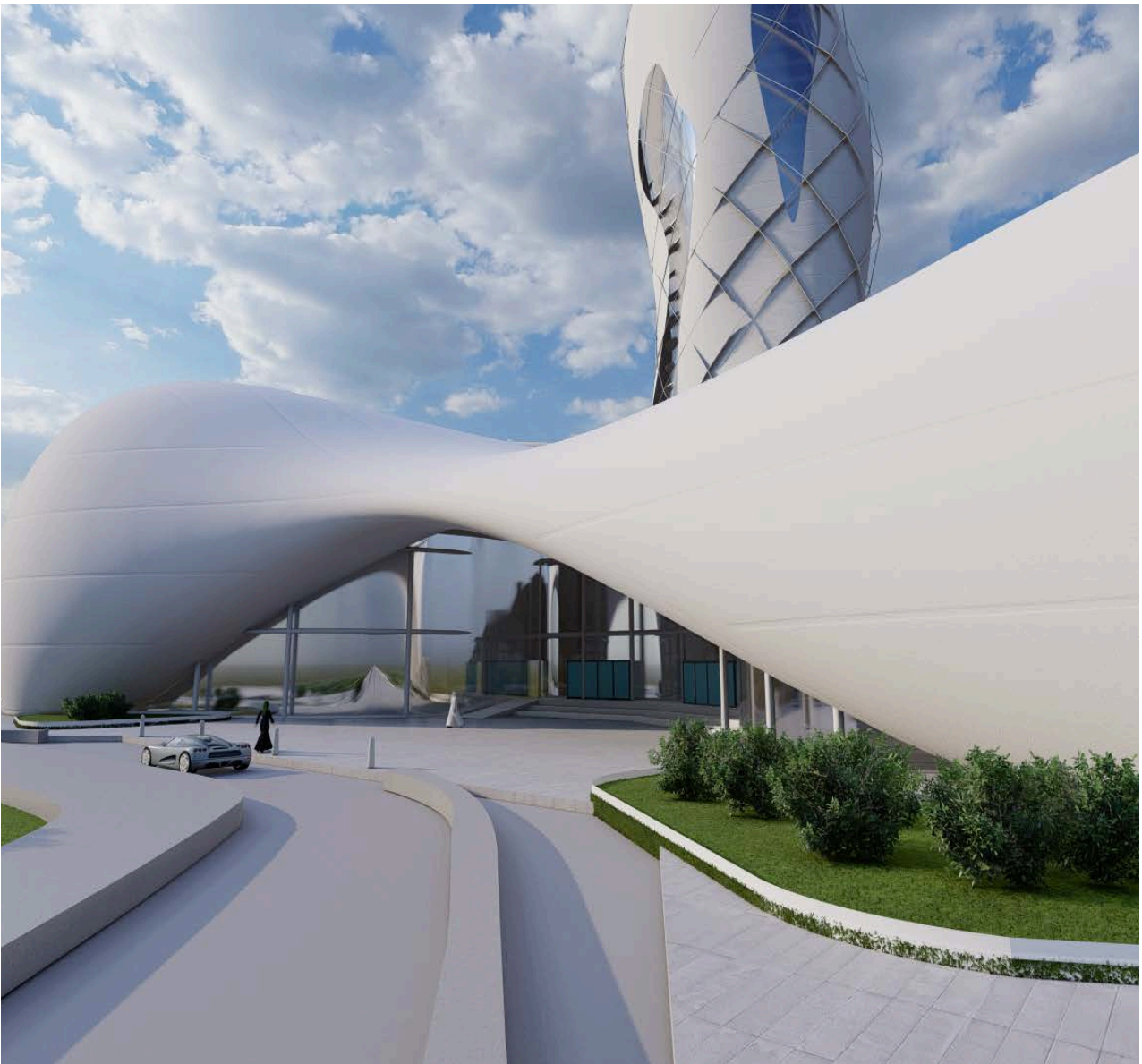
The design concept is to create a car showroom that departs from the stereotype and at the same time becomes an architectural icon. The solution became to orient the building and divide it into two blocks, namely the showroom with the tower and the second block for car maintenance, which led to the formation of a central external area that brings together the showroom, the tower and the maintenance. it is a building in which interior and exterior collaborate around the meeting between city and nature, between function and space.

## ARCH311: CAR SHOWROOM, OFFICE TOWER

**INSTRUCTOR: DR.MAJDI ALKHRESHEH**  
**STUDENT: REEMA ALAJMI**







**Concept:**

my concept inspired by the air movement on a car and incorporating air arrows as axes can create a unique and dynamic architectural experience. It could enhance the flow of air and create a sense of movement within the building. This concept could also promote natural ventilation, and lighting, making the indoor environment more comfortable and energy-efficient..

## **ARCH311: CAR PODIUM OFFICE TOWER**

**INSTRUCTOR: DR.DALIA ABDELFATTAH**  
**STUDENT: HAJER ALWABEL**





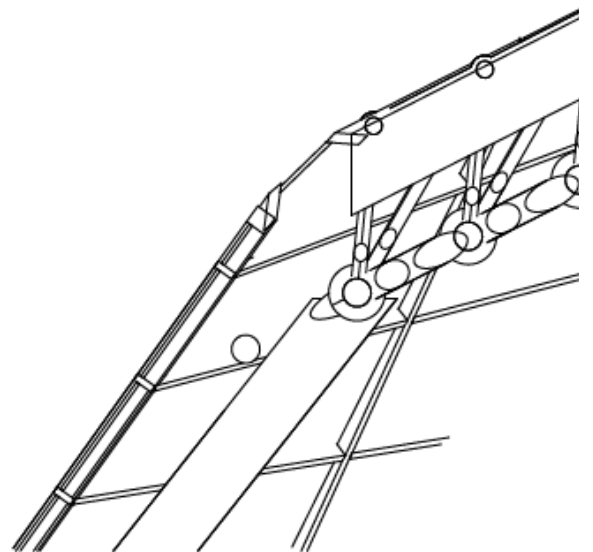
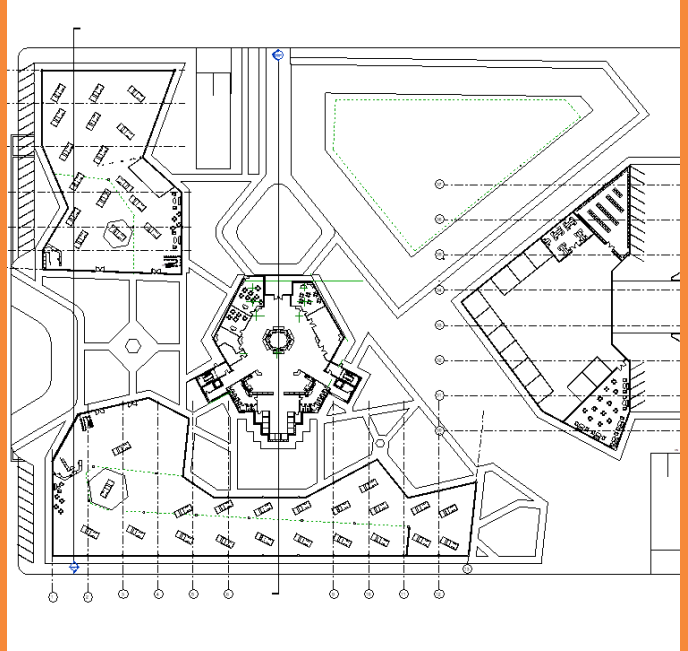


### Concept:

This is a TOYOTA car showroom with an office tower. The main inspiration for this project was TOYOTA's visions, values and principles. Especially creating an open space building that looks towards the future and will still continue to hold on to its heritage

## ARCH311: CARSHOWROOM AND OFFICE TOWER

**INSTRUCTOR: DR.RAHMA DOHIM**  
**STUDENT: GEHAD**





# ARCH401: NATIONAL MUSEUM

**INSTRUCTOR: DR. ANWAR IBRAHIM**  
**STUDENT: LATIFA AL SALAMAH**



## CONCEPT :

ALMAROW ( Quartz ) is a familiar mineral found in Saudi Arabia representing the core of Saudi Arabia ( power and solidity )with the most powerful and rigid geometric shape ( square )

## ARCHITECTURAL STYLE :

the architectural style of the museum influenced by the architect Tadao Ando. Following his principles and rules in design that are mainly focused on simplicity of his architecture that emphasizes the concept of sensation and physical experiences.





# ARCH401: SAUDI IDENTITY MUSEUM

**INSTRUCTOR: MR.ABDULLAH ELSHAFIE**  
**STUDENT: BAKR AL BAKR**



## CONCEPT STATEMENT

Integration between Saudi identity and sculpture to create a museum about Saudi identity and the reason for dividing the building to 5 pieces that empress the 5 regions of Saudi and the reason for there different in size of the pieces because the different size of the regions

### **Concept goals :**

- Divide the building
- Make it sculptural
- Blending the surroundings with the building
- use of geometric shapes
- Simplicity of form

### **OBJECTIVES:**

- Dividing the building into parts of similar shape but different sizes
- Make it sculptural by exaggerating the blocks and using straight lines
- Blending the surroundings with the building by taking the materials and culture surrounding it
- Use approximately square geometric shapes of different sizes
- The simplicity of the shape does not increase the building's masses and make it complicated

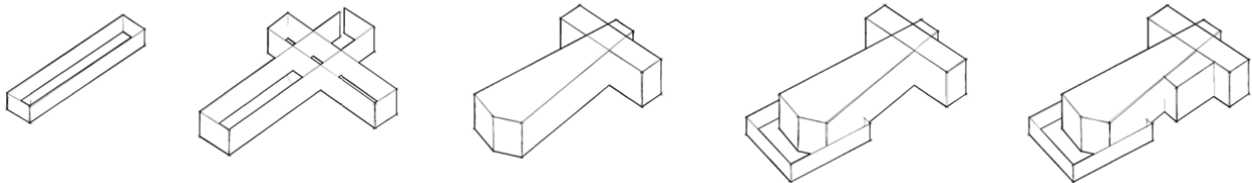




# ARCH401: SAUDI IDENTITY MUSEUM

**INSTRUCTOR: DR.ANWAR IBRAHIM**

**STUDENT: ENAS ABDELWAHAB**

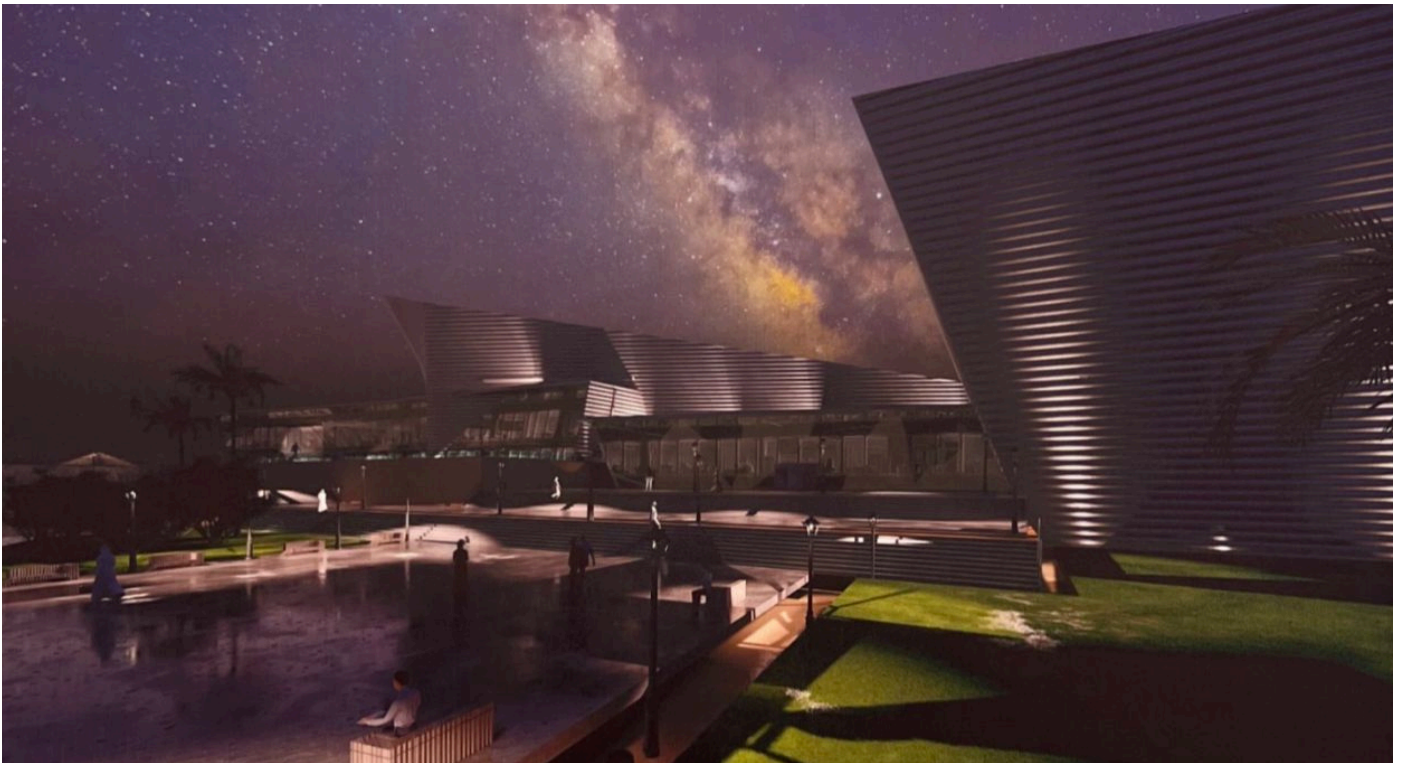


## CONCEPT STATEMENT:

The continuity of unity in the kingdom of Saudi Arabia despite the presence of diversity in cultures and regions representing it with lines and nodes which is reflected on the form.

## CONCEPT GOALS:

- creating one way experience
- ending the journey in the start point
- the variety of levels and heights





# ARCH401: SAUDI IDENTITY MUSEUM

**INSTRUCTOR: MR.ABDULLAH**  
**STUDENT: AHMAD RASHWANI**

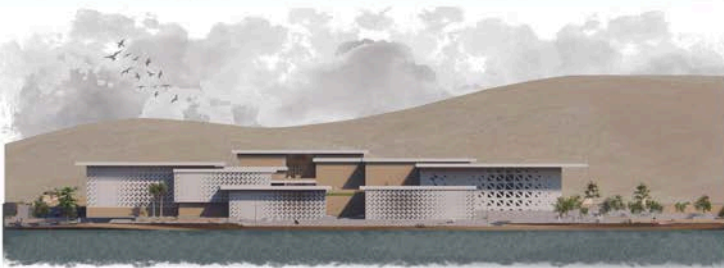


## Concept:

A space that takes visitors on a journey through time, allowing them to explore the different eras of Saudi identity, including the Past, present, and future.

Design The museum employs each main block to display a certain era, and in each era, the space and materials are Designed to create an immersive experience that makes the visitor feel the era they are living in





ELEVATION-B



ELEVATION-B



SECTION B-B

SECTION A-A

# ARCH402: SPORT & SOCIAL CLUB

**INSTRUCTOR: DR.DALIA ABDELFATTAH**  
**STUDENT: LATIFA AL SALAMAH**



## CONCEPT :

mountain-like experience coming from the topography of saudi arabia

## CONCEPT STATEMENT :

creating differences in levels and using the pathways in curve lines as an imitation of the mountain experience





# ARCH402: SPORT & SOCIAL CLUB

**INSTRUCTOR: DR. DALIA ABDELFATTAH**  
**STUDENT: BATOUL SIWAR**



## Concept:

Creating a social hub space for all community members that supports social interaction and vitalized sporting zones.

## Keywords:

Harmony Vitality Continuity Rhythm Fluidity







# ARCH402: SPORT & SOCIAL CLUB

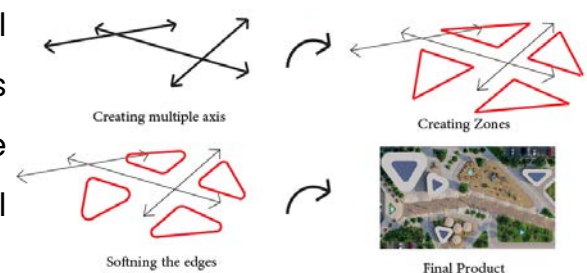
**INSTRUCTOR: DR.DALIA ABDELFATTAH**  
**STUDENT: RAGHAD ABOUKHATER**



## Concept:

Establishing an engaging sports and social club by strategically intersecting three axes at varying angles, forming a dynamic spine and innovative zones to enhance the overall user experience

## Concept Diagram:









### Concept:

Integrating the planning and traditional architectural style of the valley with continuity and Najdi architectural heritage by allowing the view lines to form articulated building blocks. The building is characterized by its vernacular character and pedestrian walkways, which give the impression of the Najdi character. Through the formation that this element aims to achieve, including:

Clustering of buildings  
 Vernacular architecture  
 Cursive elements  
 (Najdi triangle, Najdi arc)

#### key words:

- VERNACULAR
- TURAIF
- NAJDI
- AL- DIRIYAH

## ARCH411: AL-AWALI COMPETITION

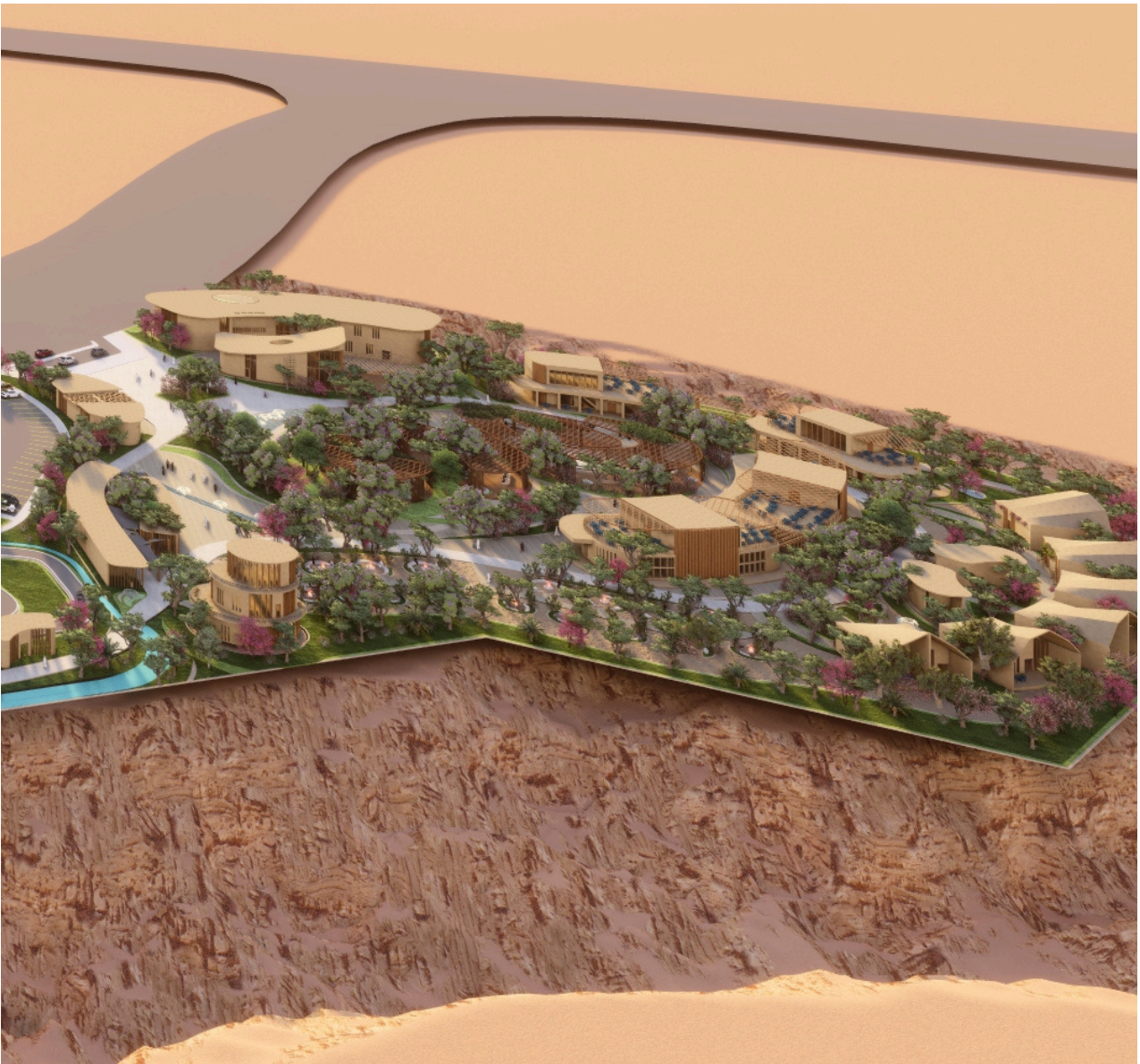
**INSTRUCTOR: MS.NOOR TAYEH**

**STUDENTS: BAKR ALBAKR & YASEEN GHIEH**









### Concept:

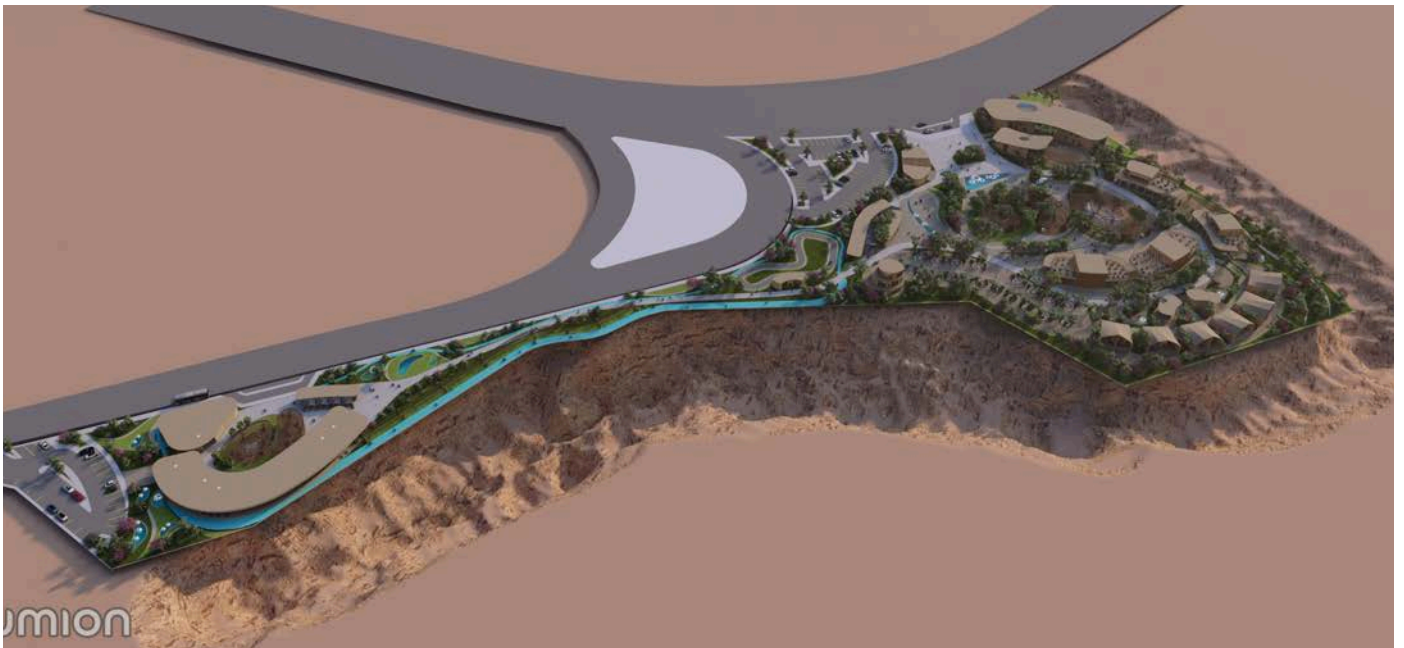
An urban design endeavor aimed at fostering an **interactive** community, celebrating **cultural identity**, and enhancing the experience through the incorporation of entertainment **recreational** spaces with **organic** design principles.



## ARCH411: AL-AWALI COMPETITION

**INSTRUCTOR: MS.NOOR TAYEH**  
**STUDENTS: SARA BATT A & TEIF ALENAZI**







### Concept:

"Proposing a visionary urban design for Saudi Arabia that seamlessly integrates modern architecture with the rich cultural identity, fostering a harmonious coexistence of tradition and progress to create vibrant, sustainable urban spaces."

## ARCH411: AL-AWALI COMPETITION

**INSTRUCTOR: DR.MAYAS TAHA**  
**STUDENTS: MOHAMMED ZAWAWI, AHMAD RACHWANI, & AHMAD ABDU**

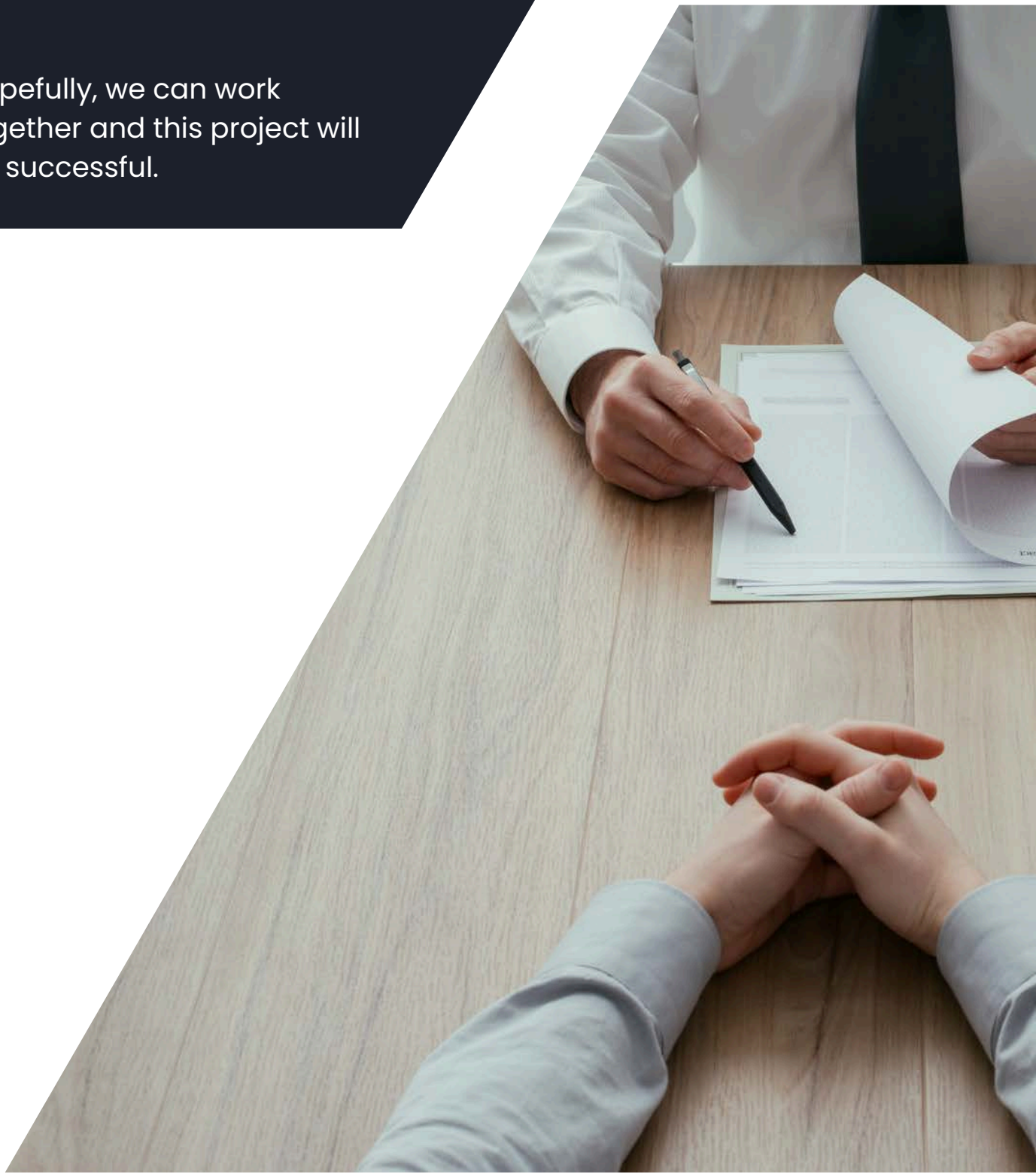




# Interviews

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Hopefully, we can work together and this project will be successful.







**“ARCHITECTURE  
SHOULD SPEAK OF  
ITS TIME AND PLACE,  
BUT YEARN FOR  
TIMELESSNESS”**

**FRANK GEHRY**

# ARCHITECTURAL BUSINESS OWNER

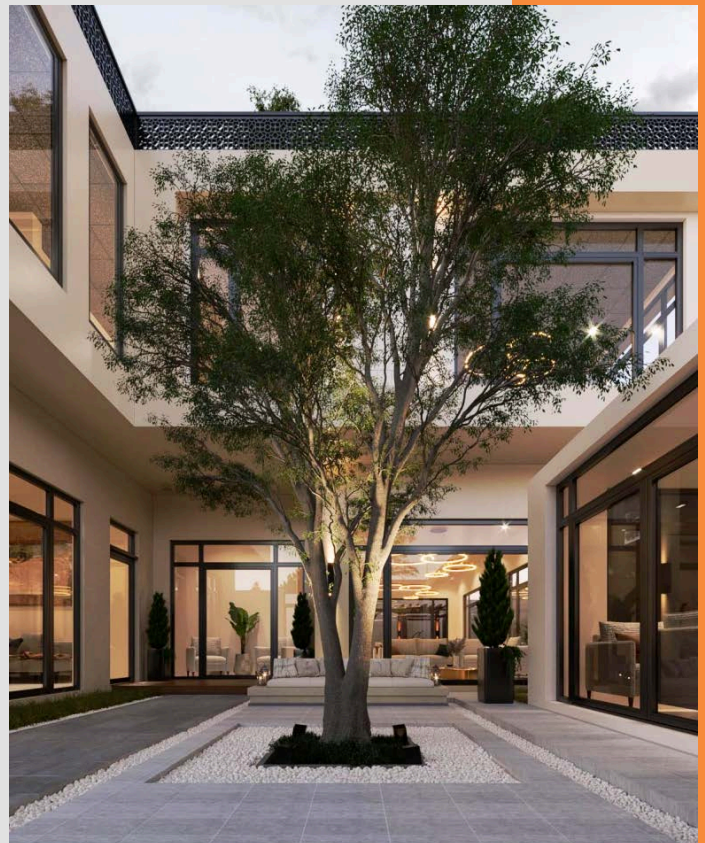
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Kareem Alghoneim is a self-taught intellectual, who owns an architectural design company. He had always been yearning to learn all about architecture and construction, which was a passion born through a dream of his to build his own future home since youth. He guided himself to learn about the whole process of building a designed structure, from land types and regulations as well as building's foundations and formworks to reading and producing architectural plan drawings as well as educating himself about spaces' proportions and material's properties & usages. His passion for architectural projects since youth provided him with such an observant eye and analyzing mindset towards masses & forms of buildings today.

## What is your Favorite Project and Why?

This residential project is one of his favorites, because the client had so many requests that the client himself didn't expect that it would all be achieved. Yet Kareem took it as a challenge to attempt to include as much as possible from the client's demands to satisfy the client and grant him all his. As a result, Kareem's eagerness lead him to coming up with a creative way to play with the mass creating multi-edged layered form to support creating the many spaces requested from the client.

*"Small-scale projects in Saudi Arabia lack creativity, we are focusing on giving spaces and masses values and character".*





## When & why did you start your own firm?

He started his own firm in 2011 in Yanbu, where he was actively developing both his team of getting good workers and himself through emerging himself through research and practice in the industry. He claims that it was very important for him to learn about interior design & construction alongside architecture, so one is able to communicate with interior designers, regarding functionality and utilization in spaces along side to aesthetics as a whole style from the external to the internal of the mass, and engineers or construction workers regarding the mass being a realistic project to be built considering structure and cost. He didn't stop here, his thirst for knowledge supported him to progress and to expand his business to Riyadh, Medina, & Cairo.

## What is your advice to Architecture Students?

Kareem believes that it is important for any person studying any major to be passionate about what they choose as their major. In addition to education, it is essential to always research case studies and important figures without any bias to be able to not clone what others have done. Lastly, it is crucially important to enhance oneself in real life experiences such as internships and work experiences to develop their skills. In his perspective that is the way to become a successful pioneer in the near future.

*“My advice to architecture students is to really pay attention to what is architecture as a whole through its steps of evolution, by learning all about its history to comprehend what is the foundation of architecture versus its developments. Doing so will give a deeper understanding to why things were or are currently the way they are, which will give you an opportunity to think outside the box acknowledging the prime basic principles of architecture. This will enrich your perspective and provide you a chance to produce an added value and develop your own theory or innovation as an architect.”*



# ARCHITECTURE BEHIND THE SCENES

Meme Wahba is an architect who manufactured his dream in the reality through Al-Warshah's eyes and vision. Al-Warshah is an art production service entity that provides technical design and props executions to production agencies, advertising agencies, and creative agencies.

Alwahba is the founder of Alwarsha in Egypt and the co-founder for the Saudi branch. Starting with his team of 3 people almost 7 years ago and his unending love for the magic of cinema, media, and storytelling, Alwahba overcame challenges and grew his team to be 100+ overall members today. Alwahba views his creative, professional, and passionate crew as the *"storytellers of the untold part of the story and as the literal "Architects" crafting every frame you see into a masterpiece."*

*"With a palette of cameras, colors, and scripts, we breathe life into words and turn them into vibrant works of art." - Alwahba*

## What are the differences between working a traditional architect vs being an art director?

Alwahba states that a traditional architectural project has a longer timeline and uses different materials. Yet "limitation" is the most crucial difference between a traditional architect and an art director. He further explains that the former is one who would have a specific client with a clear vision and requirements that he is requested to deliver with an upgraded version along with his expertise. While the latter is one who deals with different teams including production, director, stylist, camera,..etc to create the moodboard, or in Alwahba's words *"to gather pieces that complete your puzzle"*.





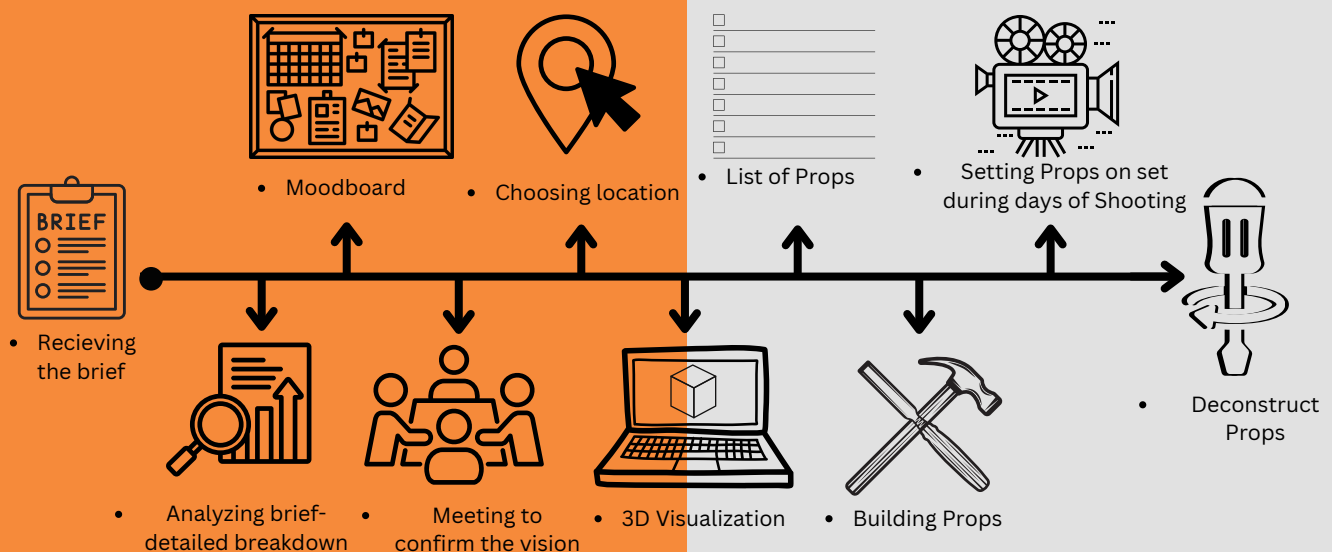
## What are the primary questions you ask your client during the first meeting ?

- “What’s your vision?”
- “How do you see the direction going?”

Alwahba doesn’t ask to get answers, he asks to brainstorm from people’s responses and point of views that inspires new ideas and directions. He believes that the best part of this job is that there are no boundaries. Through discussing and communicating different visions with all the project’s stake holders, they are able to get on a final ground all together, and that’s the exciting part of the process.

## What is the process of a project from start to finish?

It starts with a meeting and ending with relief and a loud “FERKESH!”. The project management is one of the challenging parts of any project one may encounter due to its fast pace timeline.



## What is your advice to Architecture Students?

*“Exploring and experimenting with various activities is vital as they bring opportunities for growth. Embrace change boldly, as it is the key to discovering your dreams and achieving your life goals without fear. Always believe that failure creates success.”*




# Faculty' Work & News

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Hopefully, we can work together and this project will be successful.







**“YOUR MIND IS  
THE ARCHITECT OF  
YOUR LIFE  
DESIGN IT WELL”**

**ROGER LEE**



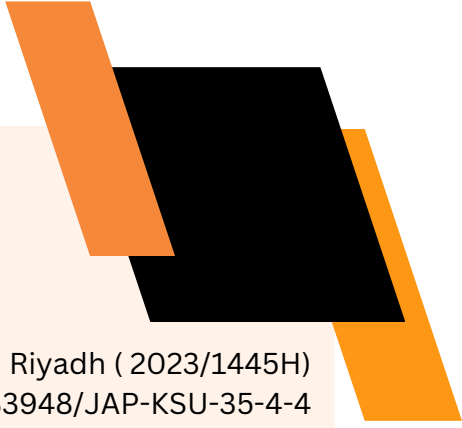


# REAL CORP CONFERENCE

*DR. Mayas attended the 29th International Conference on Urban Planning and Regional Development in the Information Society, in Germany between 15-17 April 2024, to present a paper, titled: Balancing Heritage Preservation and Regeneration in Riyadh, Objectives and Considerations. The "REAL CORP Conference" brings together experts, researchers, and practitioners from around the globe. Our department's work is directly related to the conference agenda, including urban planning, heritage preservation, and smart cities.*







Journal of Architecture and Planning, Vol. 35(4), pp. 519-538, Riyadh ( 2023/1445H)  
doi: 10.33948/JAP-KSU-35-4-4

## **An Overview of the Factors Influencing the Formation Transformations of Residential Building Facades in Riyadh**


*Mayas Nadim Ahmad Taha*

College of Engineering and architecture, Al Yamamah University, department of architecture and interior architecture Alriyadh, 12271, KSA

(Received 14/5/2023; accepted for publication 30/7/2023.)

**Abstract:** The design of residential building facades may be influenced by a variety of urban, cultural, social, economic, geographical, and legal factors. These factors all have their reflections on the formation methods and styles used in these facades, which create an initial impression of the local community's architectural, urban, and cultural surroundings. Within a theoretical framework, this paper focuses on the factors influencing the transformation of residential building facades in Riyadh. The paper will analyze these transformations within a time segment extending over the twentieth century, the first of which deals with traditional residential buildings; the second will analyze the facades of transitional residential buildings; and finally, the analysis will reach modern residential buildings. In conclusion, the paper seeks to establish standards and guidelines that will help develop residential building facades. It also provides a platform for producing a distinct aesthetic and a clear identity for residential building facades in Riyadh.

**Keywords:** Residential Facades, formation, Transformations, Factors.



Reviewed paper

**Balancing Heritage Preservation and Regeneration  
in Riyadh: Objectives and Considerations**

*Mayas Nadim Ahmad Taha*

(Ass. Prof. Mayas Nadim Ahmad Taha, Al Yamamah University, Department of Architecture and Interior Architecture, Riyadh, Saudi Arabia; m\_taha@yu.edu.sa)  
DOI: 10.48494/REALCORP2024.1015

## **1. ABSTRACT**

Heritage regeneration and redevelopment of city centers are essential strategies for long-term sustainability and resilience. These processes aim to develop heritage assets by transforming them into sustainable cultural spaces to meet the city's environmental, social, and economic needs. These processes create vibrant, inclusive, and sustainable urban spaces while maintaining and enhancing the unique character and identity of the city by triggering city dynamics in response to its rich heritage as an economic development engine and as a tool to attract new investments and businesses. This paper explores the interaction between heritage preservation and regeneration, a complex and multifaceted phenomenon that requires thoughtful approaches. This interplay poses a variety of challenges and opportunities for cities' social, economic, and cultural dynamics. Using heritage regeneration to redevelop cities, this paper examines the ideas that make heritage centers a powerful force in developing methods including cultural heritage in urban planning. This paper limits its scope to Riyadh, a city with a rich cultural heritage and a rapidly evolving urban landscape. It explains how applying the strategies of heritage regeneration has intensified in many historically significant neighborhoods and central areas in Riyadh city and provides an insightful demonstration of how heritage preservation and regeneration are interconnected by offering a holistic representation of what has changed in Riyadh Heritage Center. This includes understanding heritage considerations and setting clear objectives for city center development. A balance between heritage regeneration and preservation is also stressed in the paper. The paper concludes with some results that indicate that establishing a cohesive urban identity requires a balance between traditional and modern images. In addition, it requires promoting cultural resources, such as cultural heritage.

**Keywords:** balancing, preservation, revitalization, regeneration, heritage





## **Branding heritage in multi-cultural societies, with special references to preservation discourses**

*Mayas Nadim Ahmad Taha and Dalia A. Abdelfattah*

College of Engineering and architecture, Al Yamamah University, department of architecture and interior architecture, Riyadh, Saudi Arabia

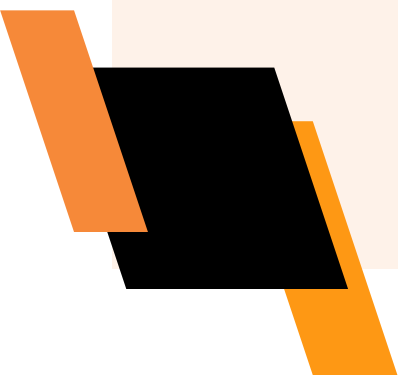
### **ABSTRACT**

Heritage is the platform of intangible attributes embedded within the physical urban values; it is the overlapping between urban forms and social history.

Heritage can be a brand value proposition that creates a unique base of strong relationships between urban settings and users. The research is focusing on the idea of heritage preservation from a different perspective, adopting branding techniques and mechanisms to overlap the two disciplines in a study framework. Branding heritage re-introduces heritage values from the marketing perspective, in which the research reflects the idea of the place attachment and refreshes memories from the economic dimension. The research proposes a structural framework that accommodates the literature domains of heritage preservation as tangible elements, patterns, geometry ... etc. and intangible values as spiritual, sense of place... etc. mapped with the branding approaches. The aim of this research is to trace the branding heritage tactics and examine the approach. The purpose is to preserve heritage from deterioration and use its values as economic assets. The research intends to validate the importance of marketing experience in branding heritage societies, in terms of contributing the heritage of some urban setting within the heritage of others. The proposed structural framework reflects the mechanism of branding heritage. Finally, the research concludes its findings by offering interpretations of re-reading the users reflections and reviews to the concept of branding heritage upon an existing project setting.

**ARTICLE HISTORY** Received 7 August 2023; Revised 8 October 2023; Accepted 12 October 2023

**KEYWORDS** Branding heritage; urban tangible values; place attachment; multi-cultural societies; con-servation; branding Strategy



# An Evaluation Study Of Shading Devices And Their Impact On The Aesthetic Perception Vs. Their Energy Efficiency

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## Abstract:

Sunlight control tools, such as shading devices, are used to improve buildings' thermal and visual conditions. One of the concerns about using shading devices is their potential to harm the visual appearance of buildings. This study aims to study the aesthetic perception of different shading devices while concurrently evaluating their energy performance. Augmented reality was used to place virtual shading devices onto a building's facade at Jordan University of Science and Technology (JUST). One hundred two students from JUST evaluated eight shading devices on a seven-step semantic differential scale. Participants were divided into 49 students from Architecture and Design College and 53 students from other colleges. The energy efficiency of shading devices was tested using DesignBuilder. The results revealed that certain types of shading devices were perceived as more aesthetically pleasing than other types. Architecture students showed significant differences in their effective responses to non-architecture students. Regarding shading devices, Shape Morphing and Horizontal louvres are the most preferred, while Egg-crate devices are the least recommended. Regarding energy efficiency, results showed that the tested shading devices improved buildings' energy efficiency by 7% (Vertical fins) -17% (Egg-crate) compared to the base case and did not negatively impact their visual appearance.





## Perception Beyond Sight: Investigating The Cognitive Maps Of Congenitally Blind Individuals In Urban Environments

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### Abstract:

This study explores the challenges faced by congenitally blind individuals in navigating urban environments. Specifically, this research investigates the factors that contribute to the construction of city mental mapping for individuals who are born blind. Thirty-one congenitally blind individuals from the University of Jordan were asked to define and describe specific elements of the city based on their personal experiences and imagination. Furthermore, participants were guided through two urban paths: familiar and unfamiliar. The participants were asked to complete a survey regarding their experiences during the tour. The collected data was analyzed by using thematic analysis. The results revealed that congenitally blind individuals construct their mental image of the city by using their three senses of touching, hearing, and smelling, as well as their safety and experience. This mental image consists of five key elements: links, reference points, areas, separators, and topography. Despite the small size of the study sample and the specificity of the context, the results of this study will tremendously help planners in designing highly inclusive urban environments. Incorporating characteristics that can be recognized by the blinds will enhance their accessibility of urban spaces, encourage independent mobility, increase the quality of life and social inclusion for them.






# **Integrating Multi-Scalar Attributes in Assessing Urban Sustainability for the Built Environment in Heritage Sites: The SHAI Model**

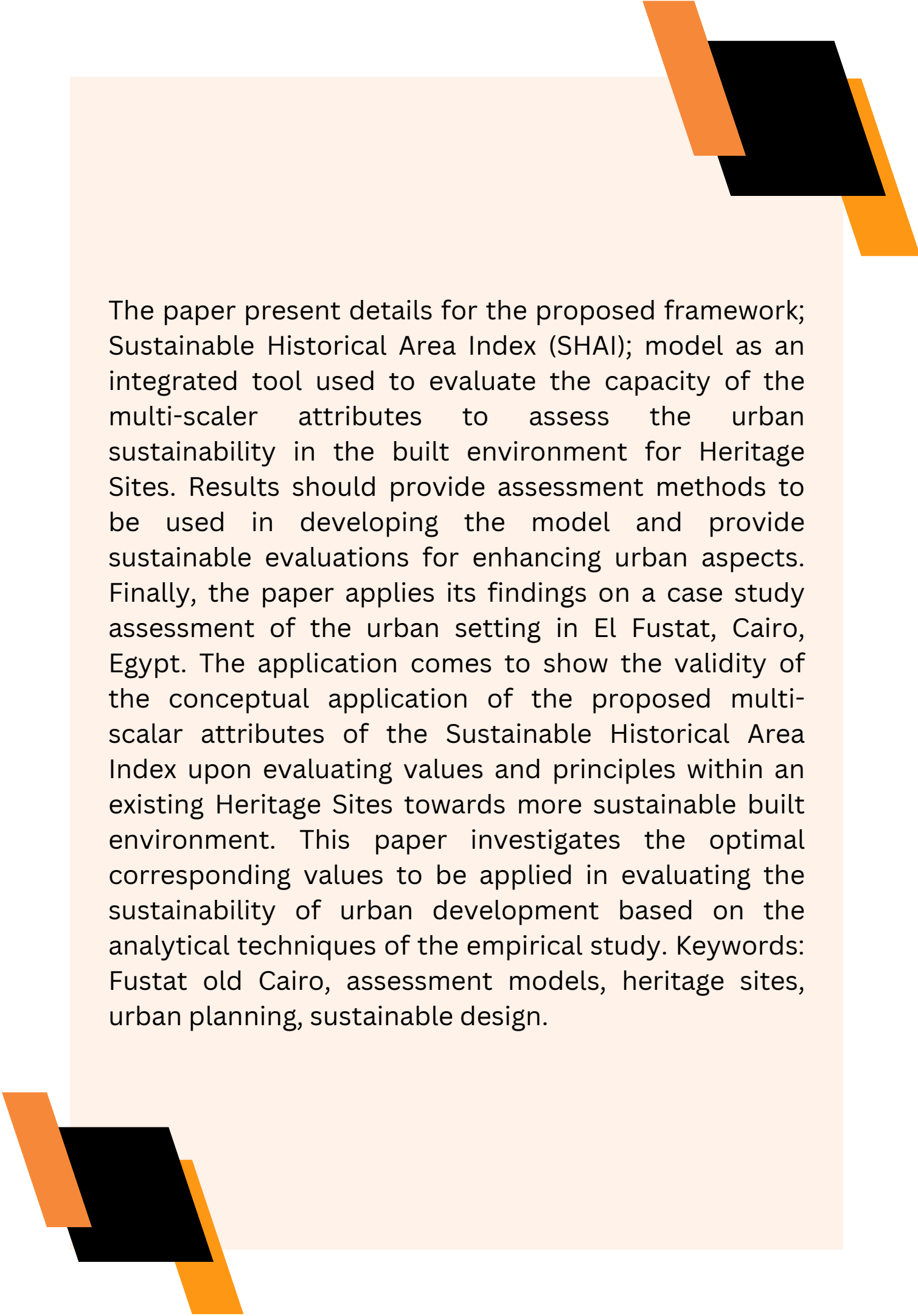
Dalia Abdel Fattah, Aida Nayer  
(Assistant Professor Dalia Abdel Fattah, El Yamama University KSA)  
(Associate Professor Aida Nayer, BHI-Egypt, [aidanayer@gmail.com](mailto:aidanayer@gmail.com))

## **ABSTRACT:**

Sustainable development approaches are a widely used term, which has been increasingly essential in the Middle East, in general and, in Egypt in specific, for the purpose of planning and urban policies formulation specifically in heritage sites. The research was inspired by the significance of assets of historical areas which motivated the researchers to study and define their values, and find appropriate processes and mechanisms to measure, and evaluate their qualities. A proposed model, for re-structuring planning processes and assessing information in regards of relative materials on sustainable, urban indicators is discoursed in order to develop a distinctive representation that integrates approaches of urban sustainability in the built environment, in terms of socio-culture and socio-economic aspects, environmental, and spatial dimensions, furthermore, various factors such as time, activities, space, interests, and quality of life. This paper aims to reduce the complexity of multi-attribute criteria of sustainability, by adopting analytical representation for selected case study, based on a integral model to assess urban sustainability in the built environment for Heritage Sites. This approach investigates indicators of urban qualities relying on the integration of a BEQUEST framework implementing effective qualitative scales (quantifiable cities) and concludes with recommendations to develop an integrative, multi-scalar assessment method.







The paper presents details for the proposed framework; Sustainable Historical Area Index (SHAI); model as an integrated tool used to evaluate the capacity of the multi-scalar attributes to assess the urban sustainability in the built environment for Heritage Sites. Results should provide assessment methods to be used in developing the model and provide sustainable evaluations for enhancing urban aspects. Finally, the paper applies its findings on a case study assessment of the urban setting in El Fustat, Cairo, Egypt. The application comes to show the validity of the conceptual application of the proposed multi-scalar attributes of the Sustainable Historical Area Index upon evaluating values and principles within an existing Heritage Sites towards more sustainable built environment. This paper investigates the optimal corresponding values to be applied in evaluating the sustainability of urban development based on the analytical techniques of the empirical study. Keywords: Fustat old Cairo, assessment models, heritage sites, urban planning, sustainable design.



# ARCH-Y

## ARCHITECTURE

Arch-Y is an official Magazine of the Architecture Department at Al Yamamah University .The magazine is yearly issued and showcase the department events, faculty and students achievement along with external collaborations.

*Main skills we  
want our student  
to acheive*

3



Design Thinking and Creativity



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