

# العمارة Al-Imara





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# 13

Department of Architecture  
and Urban Planning

2009 - 2022



DAUP



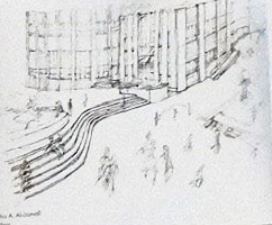
Youssef Al-Hamad  
2<sup>nd</sup> Year



Osama A. Al-Naimi  
2<sup>nd</sup> Year



Amr F. Al-Sayid  
2<sup>nd</sup> Year



Amr A. Al-Hamad  
2<sup>nd</sup> Year



Youssef Al-Hamad  
2<sup>nd</sup> Year



Youssef Al-Hamad  
2<sup>nd</sup> Year



Muhammad Al-Naimi  
2<sup>nd</sup> Year



Amr F. Al-Sayid  
2<sup>nd</sup> Year



Amr A. Al-Hamad  
2<sup>nd</sup> Year



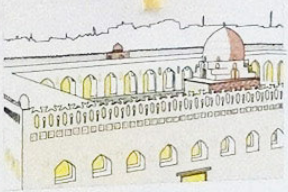
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Osama A. Al-Naimi  
2<sup>nd</sup> Year



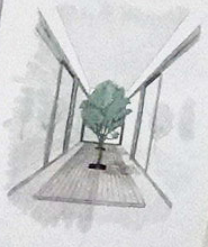
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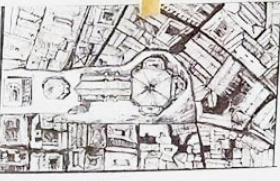
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2<sup>nd</sup> Year



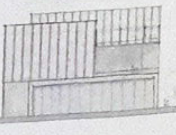
Youssef Al-Hamad  
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Youssef Al-Hamad  
2<sup>nd</sup> Year



Youssef Al-Hamad  
2<sup>nd</sup> Year



Youssef Al-Hamad  
2<sup>nd</sup> Year

## From the Head of Department



Welcome back to a fresh new second term start with the architectural department! This is the fifth issue of Al-Imara, and we look forward to the same pleasant comments and feedback from all of you.

In this edition, our authors will colorfully demonstrate the artistic world of architectural department. The diversity of our achievements as department over the past years has proven to show how with teamwork, collaborative effort and powerful persistence, the architectural department has been able to grow and preform on the highest of standards. Thanks to all of the students and the instructors were succeeded in all of the architectural project last Fall, all of their achievement helps encourage and push us towards achieving even more in the future.

To all the readers out there, we hope that you enjoy this latest issue, and that some of you feel inspired to contribute for the next. Let's further celebrate by looking through this issue to celebrate the amazing work and accomplishments of our beloved students and our future architects.

Finally, Let's further celebrate by looking through this issue to celebrate the amazing work and accomplishments of our beloved students and our future architects.

We look forward to bringing you the best Al-Imara.

buona fortuna a tutti!  
Dr. Raffaello Furlan  
18 May 2022

## From the Chief Editor



It is with my profound pleasure and anticipation of celebrating the launch of this special edition of Al-Imara. On behalf of the Al-Imara Editorial team, I would like to extend my very warm welcome to the readership of Al-Imara. I want to thank all the reviewers, authors, and volunteers who contributed to the successful delivery of this edition of Al-Imara.

This special edition of Al-Imara is themed around Architecture Day, an important event in Spring 2022. The main drive and success of this event were generated and led by our remarkable students of architecture. Moreover, we will not forget our faculty members who provided full support to our students, the future architects. We are glad as an editorial team to highlight moments, events, workshops, seminars, and competitions that present a fractional part of what happens within the architecture school.

I am delighted to leave a copy of this edition with you, review it, read it, and enjoy it; we always want to deliver the best!

Dr. Amina Y. Al-Kandari  
21 May 2022



Faculty and Staff members of Department of Architecture and Urban Planning Hessa Al-Hashemi.

## ARCHITECTURE + URBAN PLANNING

### WEBSITE

<http://www.qu.edu.qa/engineering/academics/architecture>

### LINKEDIN

[www.linkedin.com/in/QUDAUP](http://www.linkedin.com/in/QUDAUP)

2892

LinkedIn Followers

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## Al-Imara العمارة

Newsletter of the  
Department of Architecture and Urban Planning  
Volume 5, Issue 1 | Fall 2021

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Head of Department: Dr. Raffaello Furlan

### DAUP Magazine & Newsletter Task Force

Dr. Amina Yousef M A AlKandari (Chair), Reham A. Qawasmeh,  
Tagwa Osman, Khalida Lifam Marthya  
Logo Credits: Maryam Adel Al Mulla

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The Department of Architecture and Urban Planning (DAUP) focuses on the quality of the student experience, coupling technical skill building with the broader development of knowledge and values. Students work under the direction of leading academics as they learn to design buildings, neighborhoods, and cities that are healthy, culturally rich, environmentally responsible, and that foster a high quality of living.

DAUP works in collaboration with allied disciplines and professions. DAUP teaching also builds on the unique character and quality of the design fields, understanding that pedagogy, process, and products in Architecture and Urban Planning are distinctive. DAUP stands as a leading provider of education and research for the disciplines of Architecture and Urban Planning in Qatar respecting the identity, and culture, as vital to a rich, healthy and meaningful way of life.

### For DAUP Students

A young lady in the Architecture Department  
at Qatar Uni  
Arms full, schedule heavy, her iPad a-ready  
Said her professors, "More sketches,  
students!"  
"We will ask you until you are fluent"  
A great architect you will become: this I  
guarantee  
Because you are as brilliant a you as only you  
can be

### A Limerick for You

ALL THE BEST, DR TARRYN



# Students Credits

Bashayer Al-Naimi  
Al Jazi Al-Banai  
Haya Al-Muzafer  
Maryam Nasser Al Mulla  
Maryam Adel Al Mulla  
Asma ALObaidly  
Alreem Al Thani  
Mona Al Kubaisi  
Fatma AlKhulaifi  
Fajer Al-Jassim  
Haya Al Muhannadi  
Ghada Al Hajeri  
Gharam Al Mannai  
Noor Al Yafaei  
Amna Al Kuwari  
Raghad Alatoom  
Nada Hamam  
Hanae Taha  
Ruba Abunahia  
Maryam Azan  
Architect's bedroom - Second Year  
Rahma walide  
Tasnime Khammash  
Talia Nouredine  
Mlak almoukdad  
Mariam salam  
najwa abusafa  
hend alyfei  
Fatima al hayed  
Sara alyafei  
Aisha almatawaa  
Fatemwh marzoghi  
Aia elrayah  
Liya marriyam  
Naila al-sheed  
Yara abdel salam  
Mai al-akraf  
Lolwa alkuwari  
Reem taheer  
Alanood aljunaibi  
Noura alkahalifa  
Reeja faizan ahmed  
Jawaher al-obaidii  
Taif al-shamari  
Lolwa BU-KARBAL  
Reading Corner- Third Year  
Ganna Khalil  
Zamzam Al Humaidi  
Ghalya Al- Maadeed  
Sara Al Baker

Al reem Al Hajri  
Wadha Al Nasr  
Noor ElBadri  
Marwa Al Eradi  
Hawra Mosawi  
Zahra Al Najar  
Al Jazi Najadan  
Al jazi Al Marri  
Alaa Mohammed  
Dana Al Amri  
Shams Allawi  
Fatma Al Humaidi  
Mariam Al Subaei  
Pavilion - Forth Year Students  
Louna Albatarni  
Rahma Walide  
Yomna Abogazia  
Maryam Altamimi  
Moza Almansouri  
Ghada Almeadadi  
Maryam Alsuwaida  
Asma Almarri  
Noor Aljehani  
Jumana Abusalah  
Alalia Aljefairi  
Shaikha Al-Thani  
Haya Aljehani  
Hissa Alhashemi  
Razan Abdulaziz  
Hesssa Alkuwari  
Haya Almahmoud  
Aldana Albuainain  
Maryam Al-Hajri  
Sara Alodaidi  
Rama Hendawy  
Loulyana Chalabi  
Nada Nabil  
Noor ElBadri  
Hawar Moosawi  
Marwa Elaradi  
Zahra AlNajar  
Aisha Al Khanji  
Ganna khalil  
Hanan Al Emadi  
Maryam alsubaey  
Zamzam alhumaidi  
Aljazi almarri  
Dana alamri  
Ghada AlDosari  
Shams allawi  
Wadha AlNassr  
Wadha AlHajri



# AD

## ARCHITECTURE DAY

### LECTURES, EVENTS, EXHIBITIONS

Margaret Fuller, one of the greatest educators of our time said, "If you have knowledge, let others light their candles in it." Since the being of our history, humankind has sought after knowledge. However, we have realized that the true value of knowledge lies in sharing it. The purpose of our annual Architecture Day is the sharing of the flame of knowledge with our family, friends and colleagues. In addition, it is a valuable opportunity to celebrate the growth and accomplishments of our Architecture students. This year's theme focused on the role of women in architecture, and more specifically, on the work done by the very talented aspiring female architects of this department. Beautiful examples of student work were displayed on colourful panels, turning the department into an artful gallery exhibition. Other high points of student works included an innovative and masterfully crafted booth entitled, "An Architect's Bedroom", designed by our junior students, a variety of interactive boards, as well as a fascinating pavilion designed and built entirely with coloured string by our third years. A reading corner lit by lamps and decorated with cartoons and models designed during some of our classes, and an installation of 3D objects designed by a variety of our students completed the show of our bountiful talents.

The main highlights of the event included a speech by the internationally renowned architect, Rem Koolhaas. Other important figures graced the day including the President of Qatar University, Dr Hassan Al Derham, the Dean of the College of Engineering, Dr. Khalid Naji, Mr. Alessandro Prunas, Ambassador of Italy to Qatar, Arch. Ibrahim Al Jaida (AEB), Arch. Giampiero Peia (Peia Associati), Arch. Fatima Fawzy (Msheireb Properties), and various dignitaries from Qatar Museums.

This was topped by a discussion panel hosted by female architects in Qatar who shared their experiences, workshops, student and faculty awards, and coffee and food stations for socializing and networking.

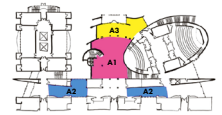
The level of work displayed this year was a clear indication that the knowledge base in this department shines bright. The day stands as a beacon of the pride and spirit of the department and the people who give it meaning.

- Dr. Tarryn Paquet

# 2022

## ARCHITECTURE DAY

### AGENDA & ACTIVITIES



#### AREA 1 OPENING CEREMONY

- 09:00 - 09:40
- M.C introduction by Bahayer Al-Naimi - 4 year student
- Dr. Raffaele Fulani - Department Head of Architecture and Urban Planning
- Dr. Khalid Naji - Dean of the College of Engineering
- Dr. Hassan Al Derham - President of Qatar University
- Mr. Alessandro Prunas - Italian Ambassador of Qatar

#### AREA 2 GALLERY VIEWING

- Opening from 09:40
- Gallery tour by Ghalya Al-Madeed - 4 year representative

#### COFFEE BREAK

#### AREA 1 PANEL ONE

- 10:25 - 11:25
- Women In Architecture discussion panel with:
  - 1 Sarah Al-Thani - Architect at Adgulf
  - 2 Maha Al-Obaidan - DAUP Alumni
  - 3 Fatma Fawzy - Design Manager in Msheireb properties

#### AREA 1 SOCIAL & COFFEE

- 11:25 - 11:55
- G&A
- 11:55 - 12:15
- Break for socializing
- Take part in the interactive art boards.

#### AREA 1 PANEL TWO

- 12:15 - 13:45
- Talk by Architect Giampiero Peia
- 12:55-13:40
- G&A

#### AREA 1 MEET AND GREET

- 13:40 - 15:00
- Students + faculty awards
- New students orientation
- Activities + workshops

#### AREA 3 WORKSHOPS

- 10:00 - 11:00
- Islamic Architecture pattern drawings and painting workshop by Weera Yalamanchili
- 11:00 - 11:00
- Watercolor drawing workshop by Hobby House Qatar
- 11:30 - 12:30
- Hand embroidery by Hobby House Qatar

#### ALL DAY ACTIVITIES

- GALLERY
- INTERACTIVE BOARDS
- PAVILION
- EXPERIENCE BOOTH
- LINE STATION
- ART INSTALLATION



Programme of The Architecture Day Fall 2022. Designed by Ghalya Al - Maded



13<sup>th</sup> Architecture Day  
Women in Architecture  
31 March 2022  
09:00 - 15:00  
College of Engineering C07 -  
Department of Architecture and  
Urban Planning (DAUP) - Qatar  
University



Cover page of The Architecture Day Poster in Fall 2022. Designed by Ghalya Al - Madeed

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# EN

## EVENT NEWS

### LECTURES, EVENTS, EXHIBITIONS



Opening Speech by Bashayer, QU- AIAS, image by Hessa Al - Hashemi



Opening Speech by Dean of college of engineering, image by Hessa Al - Hashemi



Opening Speech by the Italian ambassador, image by Hessa Al - Hashemi



Opening Speech by Raffaello, Head of Department, image by Hessa Al - Hashemi. In Frame: Dr. R. Furlan



Pictures from the opening ceremony, faculty staff with Arch. Ibrahim Jaidah, Italian ambassador and The Dean, image by Hessa Al - Hashemi



Pictures from the opening ceremony, Arch. Ibrahim Jaidah, image by Hessa Al - Hashemi



Pictures from the opening ceremony, Arch. Ibrahim Jaidah and The Dean, image by Hessa Al - Hashemi

# ***An Architect's Best Friend***

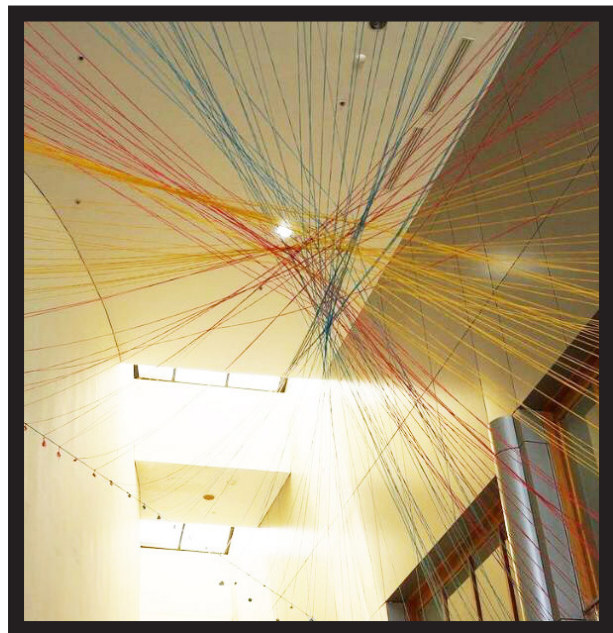
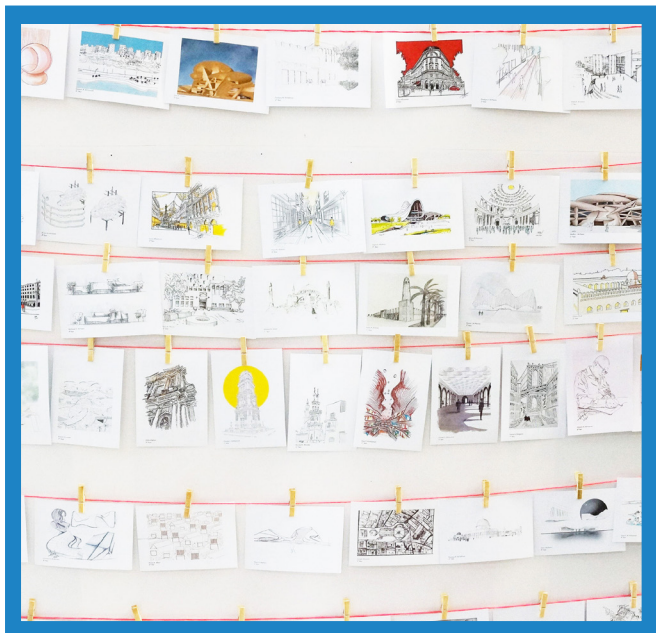
***Pencils convey a sense of creativity, discovery and ability to change. Some Students describe it as a starting point, others think it's another chance to fix our Mistakes.***

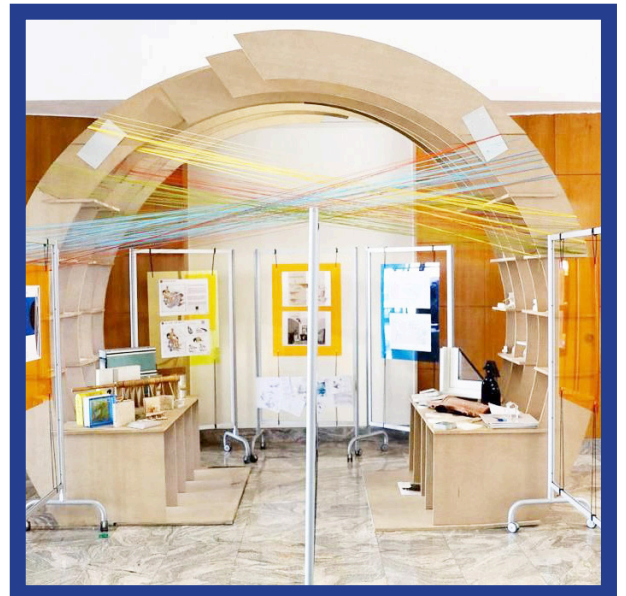
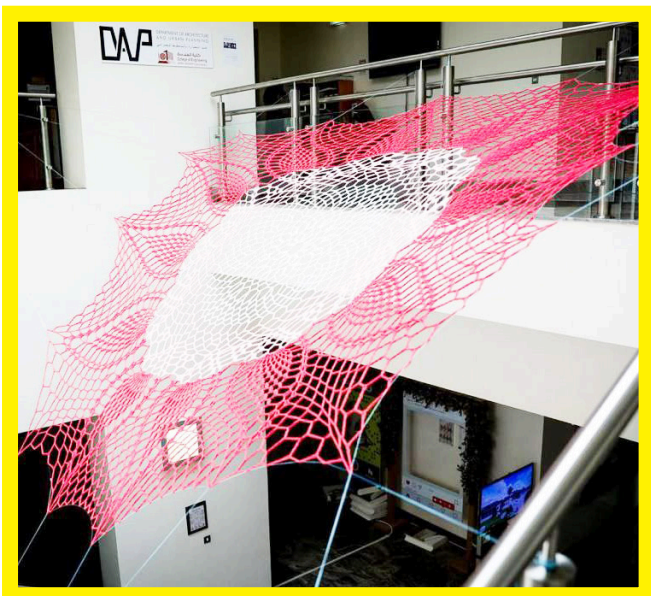
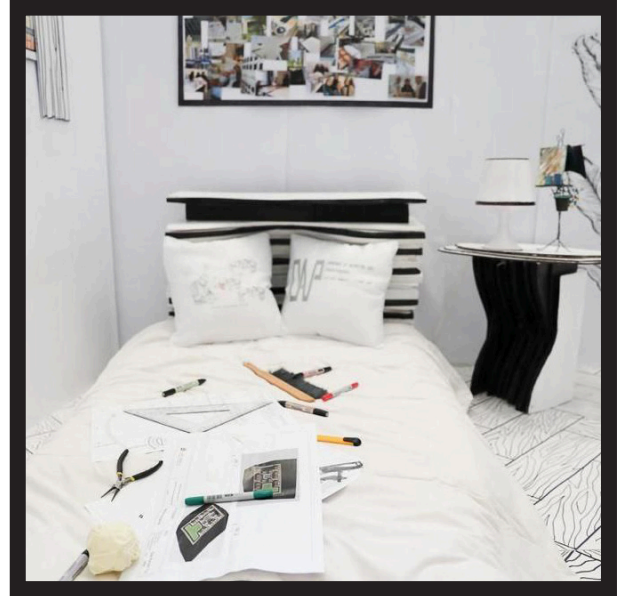
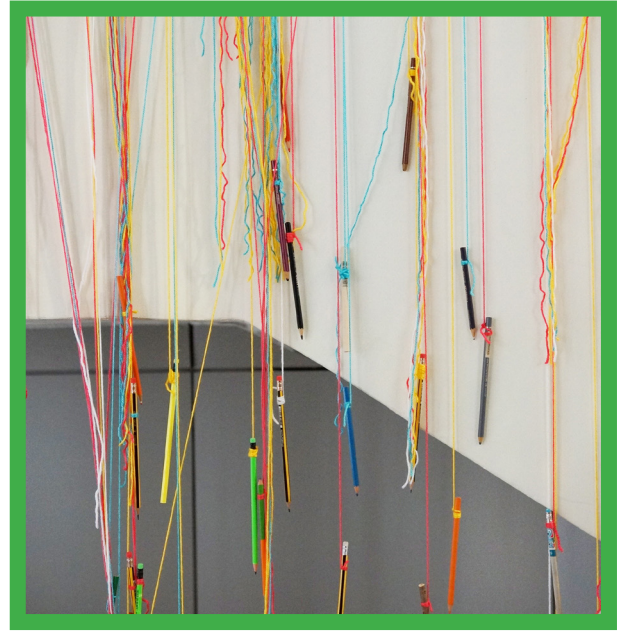
***It's a success, a possibility, a comfort. It grants you the freedom of exploring yourself with no permanent stamps of your errors.***

***It also gives you a chance to communicate and explore your brain, imagination and emotions.***

***In Other Wordes, It;s Your BestFriend.***







# LS

## LECTURE SPOTLIGHT

REM KOLHAAS



# REM KOLHAAS ON ARCHITECTURE



Wednesday, 30 March 2022  
12:15 - 13:45  
Atrium | Building C07  
College of Engineering  
Women's Campus | Qatar University

Official Poster for The Rem Koolhaas lecture, Architecture Day.



Faculty staff with Rem Koolhaas, image by Mariam Salam



Rem Koolhaas giving his lecture during The Architecture Day, image by Mariam Salam



Raffaello Furlan, head of department introducing Rem Koolhaas, image by Mariam Salam



Rem Koolhaas during Architecture Day, image by Mariam Salam

# LS

## LECTURE SPOTLIGHT

### GIAMPIERO PEIA

Arch. Peia delivered a lecture about the design of the new Conference Room XIX, which is completely renewed by the generous donation of the state of Qatar.



Giampiero Peia giving his lecture in The Architecture Day, image by Mariam Salam



Giampiero Peia Lecture in The Architecture Day, image by Mariam Salam



Faculty member welcoming Arch. Jaidah to Arch. Giampiero Peia lecture, image by Mariam Salam



DAUP Students with Arch. Giampiero Peia, image by Mariam Salam



Arch. Giampiero Peia within one of the exhibitions, image by Mariam Salam



VIPs and faculty members at the lecture, image by Mariam Salam



# ES

## EVENT SPOTLIGHT

### WORKSHOPS AND PROJECTS

During Architecture Day, DAUP sponsored several workshops, including an Islamic Architecture pattern drawings and painting workshop by Veena Yelamanchili, a Watercolor drawing workshop by Hobby House Qatar, Hand embroidery by Hobby House Qatar, and Arabic calligraphy by QU students.



Islamic patterns watercolouring workshop- Hobby House, image by Hessa Al - Hashemi

#### Credits:

Veena Yelamanchili Water Colour Workshop  
English Calligraphy Workshop, Maryam Abdul Mulla  
Arabic Calligraphy Workshop, Asma Al Obaidly  
Hobby House, Qatar



Painting workshop by veena Yelamanchili, image by Hessa Al- Hashemi



Watercoloring workshop by QU students, image by Hessa Al- Hashemi

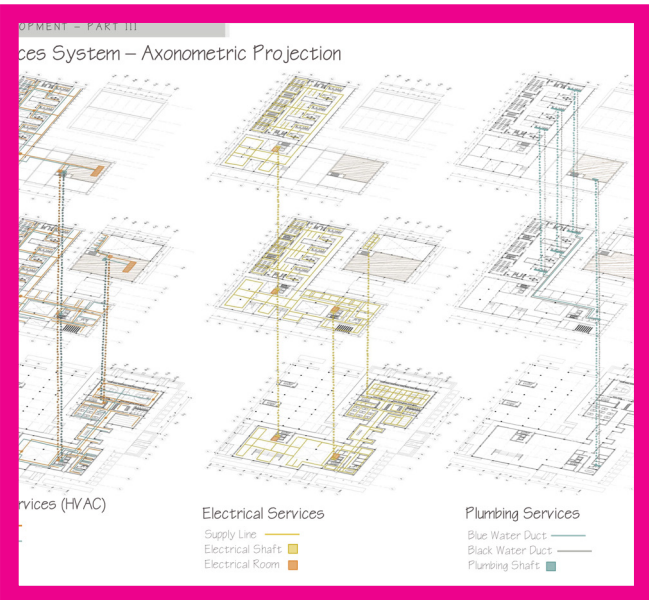




DAUP - CENG Students' Projects



DAUP - CENG Students' Projects



# AC

## AWARDS AND COMPETITIONS

AEB, CENG



Left to right: Ibrahim Jaidah- AEB, lolwa- 1st Winner, Raffaello Furlan- HoD,

Students of the Department of Architecture and Urban Planning (DAUP), Qatar University, in collaboration with the Arab Engineering Bureau (AEB), have been awarded for their final projects. Two competitions were held, namely the AEB Architectural Award for Best Design and the College of Engineering (CEng) Prize for Best Senior Project.

The ceremony was opened by DAUP's Head of Department, Dr Raffaello Furlan, who honoured this year's senior group for their show of dedication and talent. Sponsor of the AEB Competition and most influential local architect, Ibrahim Jaidah, then graced the students with the following words, "The greatest value lies in learning the taste of competition; just by entering you are already a winner... Your generation is going to make a big difference in whatever you are going to be involved in." The senior students were also addressed by the Dean of the College of Engineering, Dr Khalid Kamal Naji, who expressed his pride in the students, referring to the ever-growing reputation and influence of former students of DAUP on the local built environment. The event concluded with presentations from the competition winners.

Lolwa Al-Mohannadi, supervised by Arch Francisco Trujillo, presented her work on the Hewaya Cultural Arts Hub which "will be the first of its kind destination for cultural art in Qatar that targets people who are interested in Arabic calligraphy and poetry, ceramic pottery -making, all under one roof." Lolwa won first place in both the AEB Competition and the CEng Senior Competition for her outstanding design.

Doha Elsaman, supervised by Arch Francisco Trujillo, presented her work on Twazon Hub which is a "development aims to help people to maintain their work-life balance in a flexible, collaborative and fun environment encouraging people with different professional backgrounds to enhance their mental health, physical health, and career and to make them feel a part of community." Doha claimed second and third place in the AEB and CEng Senior competitions respectively.

Fatima Al Emadi, supervised by Dr Rashid Al-Matwi, presented her project entitled, "Senses Wellness and Therapy Centre" which seeks "To gather all services and activities of (Physical, Medical, Mental and Social) in one place to encourage people to adopt a healthy and active lifestyle." Fatima was awarded third place in the AEB Competition.



Left to right: Ibrahim Jaidah- AEB, Doha Al Samani- 3rd place, Raffaello Furlan- HoD DAUP

The final presentation was given by Fatima Al-Mohannadi, supervised by Arch Jasbir Bhamra, who showcased her Al-Nassia Reformation Jail which seeks to promote the rehabilitation process undergone by inmates, viewing it as a healing process based on positive behavioral change.

To see the full work of these students, please visit our LinkedIn account at [www.linkedin.com/in/QUDAUP](http://www.linkedin.com/in/QUDAUP)



Left to right: Ibrahim Jaidah- AEB, Khalid Matiri- Dean of CENG, Raffaello Furlan-HoD, DAUP



AEB, CENG award winners Back 1st Prize: Hewaya Cultural Arts Hub, Lolwa Al-Mohannadi, 2nd Prize: Tawzon Hub, Doha Elsaman 3rd Prize: Senses Wellness and Therapy Center, Fatima Al-Emadi. Front Raffaello Furlan, HoD, Goze Breyam, DAUP, Kahlid Almatiri Dean of CENG, Ibrahim Jaidh, AEB, Rashid almatwi, DAUP



Doha's Project, Tawajon, 3rd place AEB, 2nd Place CENG Award



Lolwa's Project, Hewaya, 1st place AEB, 1st Place CENG Award



Left to right: Ibrahim Jaidah- AEB, Khalid Matiri- Dean of CENG, Raffaello Furlan-HoD

# 1st Prize AEB, CENG: Hewaya Cultural Arts Hub, Lolwa Al-Mohannadi



Qatar University – College of Engineering – Department of Architecture and Urban Planning – Bachelor of Architecture – Spring 2022 – ARCT512: Senior Project  
Supervised By: Arch. Francisco Trujillo – TA: Arch. Jiin Baek

**PROJECT 01**  
**IDENTIFICATION**

**هواية**  
**مركز الفنون الثقافية**  
**HEWAYA Cultural Arts Hub**  
LOLWA YOUSEF AL-MOHANNADI 201701796

**SPCs**  
A.4 – A.7 – A.8 – B.1 – B.2



TOWERS IN LUSAIL MARINA DISTRICT

(© 2021 Lolwa Al-Mohannadi) View from the site toward the towers in Lusail Marina District (East Elevation)

### Project Mission Statement

A cultural art hub, "HEWAYA" will be the first of its kind destination for cultural art in Qatar that targets people who are interested in Arabic calligraphy and poetry, ceramic and pottery-making, all under one roof.



*A hobby that reflects the identity*

الهواية التي تعكس الهوية

HAWAYA هوية: Identity (Noun)

the fact of being who or what a person or thing is.

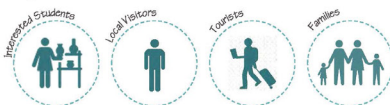
HEWAYA هواية: Hobby (Noun)

an activity done regularly in one's leisure time for pleasure.

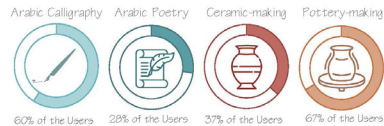
### Project Goals and Objectives

1. Revive the Qatari identity through protecting the cultural arts as a contribution on Qatar's national vision 2030 in preserving Qatar national heritage and traditions.
2. Provide a purpose-built project for artists and talented individuals and offer them the opportunity to promote their talents.
3. Spread awareness of the importance of cultural arts and encourage the local community to participate and communicate through art.
4. An important opportunity to contribute as one of the attractive destination for tourists attending the upcoming FIFA World Cup 2022 hosted in Qatar.
5. Consider the pandemic circumstances by providing long-distance activities that connect people together remotely.

### Target Users



### Main Activities



### Contextual Analysis and Synthesis

#### Site Location, Dimensions, and Regulations

- Location: Al-Ejala, Lusail, Qatar
- Rectangular Shape Plot
- Total Plot Area = 150\*90 = 13,500 m<sup>2</sup>
- Max. Coverage Area = 50% of the total area
- Setbacks = 4 m
- Max. Height = 20 m



#### Accessibility and Connectivity Pattern



- Car Access:** - The expressway creates a convenient link to the selected site from the nearby districts. - The vehicle access with a dead-end can be either connected to the nearest access above or create a suitable roundabout at its end.
- Pedestrian Access:** - The site **do not promote walkability** due to the non-developed pedestrian sidewalks close to the site, yet the issue can be solved by designing the sidewalks of the site itself.
- Commuter Network:** - The Bicycle Lane is provided in the 20 m setback from the expressway, designed along the existing vegetation.

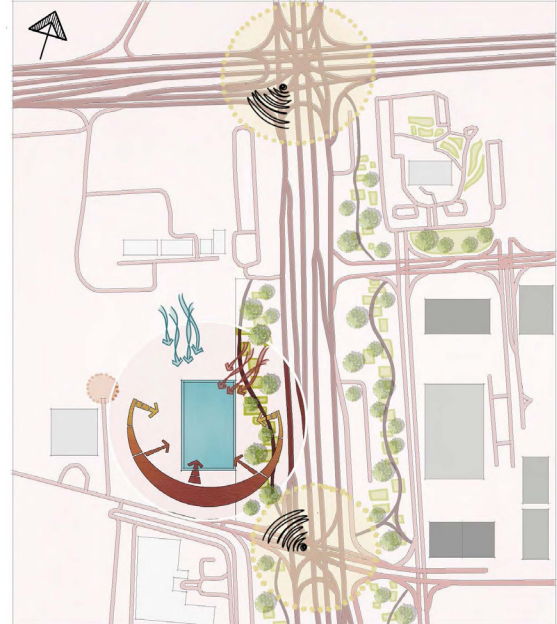
### Case Studies Summary

#### Local Case Study: The Museum of Islamic Art, Doha, Qatar

- **Concept:** Inspired by the addition in the central courtyard of the Ben Tulun Mosque
- **Lesson Learnt:**
  1. Implementing local materials strength the identity of the building.
  2. Emphasizing on the beauty of Islamic architecture by considering it in the design of the exterior and interior.
  3. Museums can be more than exhibition and collecting facilities by providing daily activities for the public.
  4. Separating the educational section from the exhibition section to create a quiet environment suitable for learning and teaching.



### Environmental Conditions



- Wind:** - The prevailing wind (Blue) direction is northwest, while the dominant wind (Red) direction is northeast, thus the need to be taken into consideration when designing the opening of the building and the landscape as well.
- Vegetation:** - The site has lack of vegetation except for the east side of the site that separate the plot from the expressway.
- Shading:** - There is **no shade** that cast over the site from the surroundings, which lead the plot to be fully exposed to the sunlight throughout the day, therefore the solar gain must be minimized or benefits from it through the design.
- Noise Source:** - The expressway is the **main source of noise** to the site, but the existing vegetation can be considered as noise barrier.

#### Regional Case Study: The Cultural Foundation, UAE

- **Concept:** Inspired by the **historical districts and fort** located in the same plot
- **Lesson Learnt:**
  1. Preserving the historic identity of the site through the design of the which will increase its emotional values for the people of Abu Dhabi.
  2. Having a cultural art center in this type of atmosphere will increase the awareness of the intangible heritage.
  3. Re-thinking the design of shading devices by combining the geometric shapes with the palm grove to create a contemporary shading device reflecting the identity of the project.



#### International Case Study: Nantong Public Cultural Center, China

- **Concept:** Inspired by **agorae** reside in the site
- **Lesson Learnt:**
  1. Considering the nature of the surrounding context and implement it in the building design to add value to the project.
  2. Avoid the cultural weakness by integrating regional context into the design of the facade.
  3. Not only cater to the community public cultural services, but also consider the social interaction between the community members by creating communal spaces.





**AEB 2nd Prize, CENG 3rd Prize: Tawzoon Hub, Doha Elsaman**



Department of Architecture and Urban Planning - B.Arch.  
 ARCT 512: Senior Project – Spring 2022  
 Instructor: Arch. Francisco Jose Trujillo, Coordinator: Dr.Goze Bayram  
 TA: Arch. Jilin Bai  
 Student: Doha Elsaman – 201702350

**Project Brief**  
 TWAZON HUB is a development aims to help people to maintain their work-life balance in a flexible, collaborative and fun environment encouraging people with different professional backgrounds to enhance their mental health, physical health, and career and to make them feel a part of community. The facility in Al-Azizyah district includes coworking spaces, private offices, workshops and recreational facilities which combines between 3 elements of user daily life - work, learn and play. The facility serves a variety of users students, professionals such as freelancers, or entrepreneurs... etc.

**Project Idea & Problem (A.7. / A.8. / B.1.)**

Physiologically, it is the humans' nature to be social as they have powerful feeling of belonging. They can't live alone "No man is an island". Also, some people focus too much on work until they forget that they have life. So, why not thinking about a space where people from diverse groups gather to work, entertain and socialize in a shared, communal setting? Why not designing a co-working space that combine work, learn and fun experience together, a space that can be considered as their second home?

**A SPACE THAT'S MORE THAN JUST WORK I**



- Inflexible & limited human interaction in offices & sitting all time on desks which is unhealthy lifestyle
- Coworking spaces are not found as independent buildings in Qatar but only in high-rise buildings
- High cost of renting offices
- Home distractions, noise & less focus
- Isolation, boredom & low productivity studying or working from home

**Case Studies (B.1. / A.7.)**

**International – Second Home**



Coworking & Cultural Hub

**Project Description**  
 • Location: Los Angeles, US  
 • Architects: Selgasqano  
 • Built-Up Area: 8,500 m<sup>2</sup>  
 • Year: 2014

**Ideas To Include**

- Outdoor workstation pods & bright colors
- The openness of interior space maximizes users' interaction & high visibility to different activities
- Techniques of dividing interior spaces
- Free open plan & free circulation between activities, including more activities such as public events, talks, workshops... etc.

**Ideas To Avoid**

- Unclear circulation pattern in interior space
- Not enough fire exits

**Regional – IOZ Office**



Open-Plan Private Office

**Project Description**  
 • Location: Ankara, Turkey  
 • Architects: jagram design Arch.  
 • Built-Up Area: 6,293 m<sup>2</sup>  
 • Year: 2019

**Ideas To Include**

- Multiple interior courtyards
- Maximize daylighting & natural ventilation
- The building mass in clusters
- Techniques of dividing interior spaces
- Different functions and offices are separated physically with horizontal inner gardens
- Visual continuity is maintained through transparency

**Ideas To Avoid**

- No variety in furniture layouts
- Dark Interior Colors

**Local – AlFardan Center**



Coworking Spaces (Workinton)

**Project Description**  
 • Location: Doha, Qatar  
 • Architects: AEB  
 • Built-Up Area: 14,500 m<sup>2</sup>  
 • Year: N/A

**Ideas To Include**

- Using pop colors
- Variety of furniture layouts
- Location in heart of Doha downtown
- Mix of private & public spaces are provided
- Private rooms are labeled so the user can book the room before coming, offering recreational facilities.

**Ideas To Avoid**

- Not an independent building
- Lack of outdoor activities

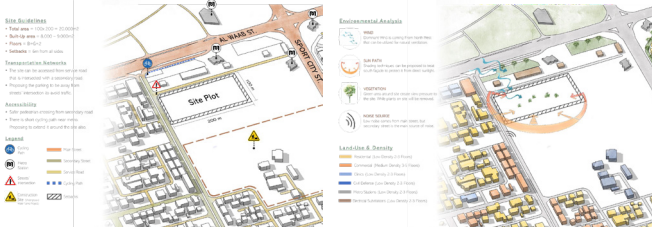
**Site Analysis (A.8. / B.1. / B.2.)**

**Site Guidelines**

Location : Al-Azizyah District  
 Total area = 100x 200 = 20,000m<sup>2</sup>  
 Built-Up area = 8,000 – 9,000m<sup>2</sup>  
 Setbacks = 6m from all sides  
 Floors = B+G+2



**Site Conditions & Synthesis**



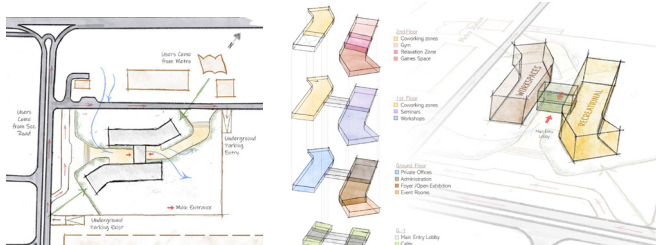
**Conceptual Design (A.4. / A.8. / B.1. / B.2.)**

**Philosophical Approach**

- "Form follows function - that has been misunderstood. Form and function should be one, joined in a spiritual union." Frank Lloyd Wright
- "All fine architectural values are human values, else not valuable."



**Concept Sketches**



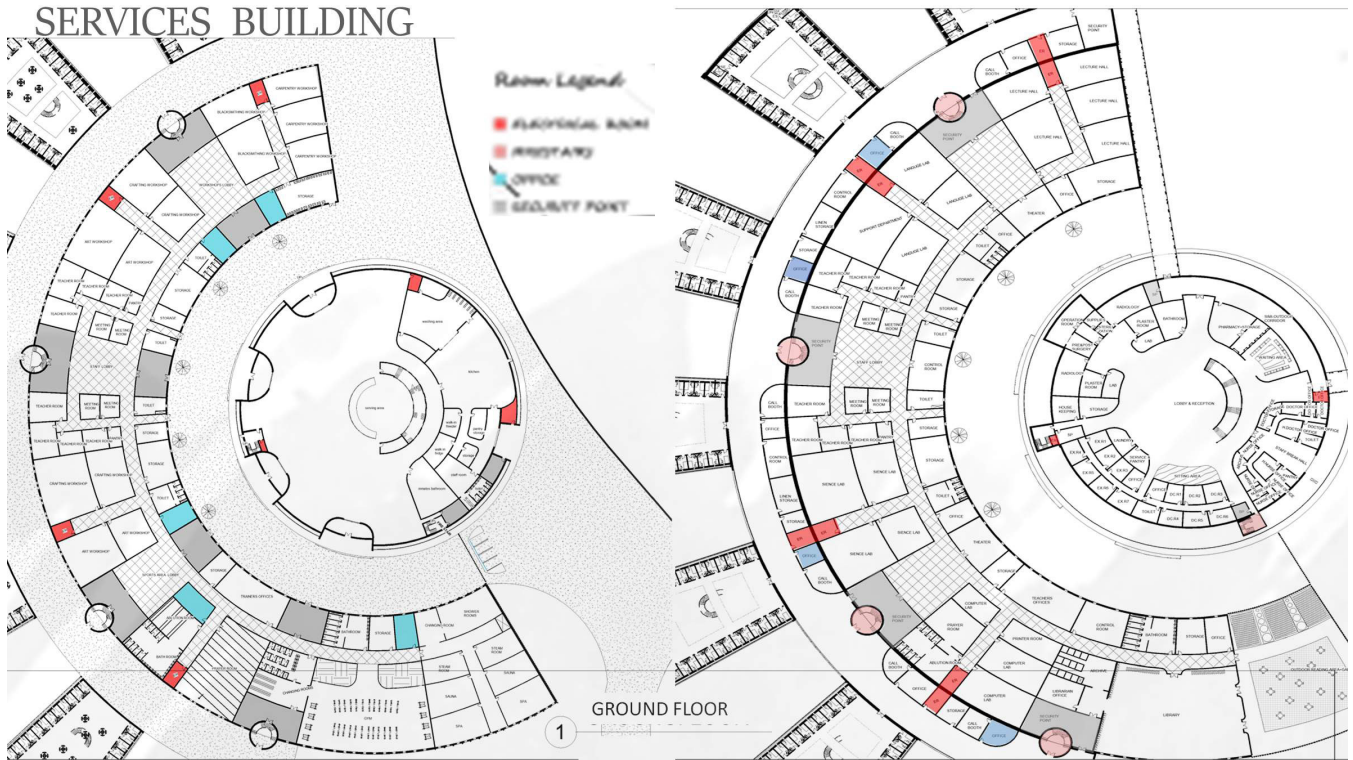


**CENG 2nd Place: Alnaasia Reformation Jail, Fatima Al-Mohannadi**

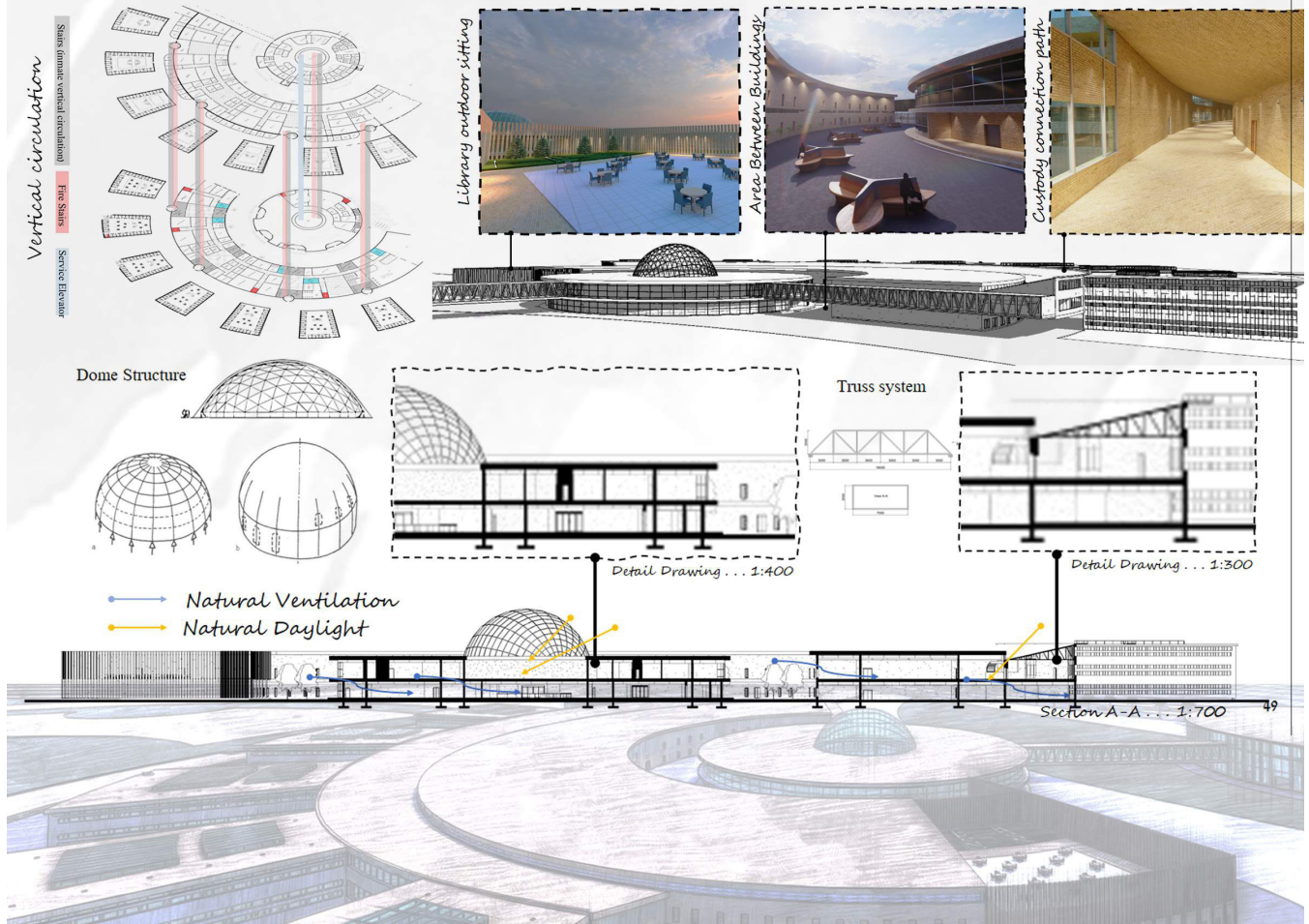
Qatar University - College of engineering - Department Of Architecture And Urban Planning - Bachelor Of Architecture Degree -Senior  
 Project- ARCT 512 , Spring 2022 -Supervisors : Dr.M.Salim Ferwati, Ar.Jasbir Bhamar - coordinator: Dr.goza bayram - TA:Ar.jiin beak



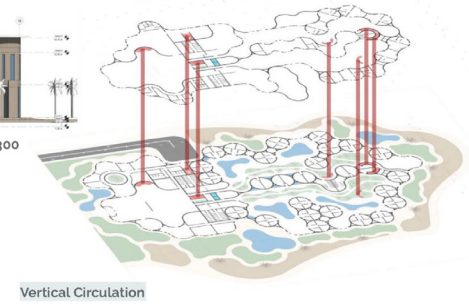
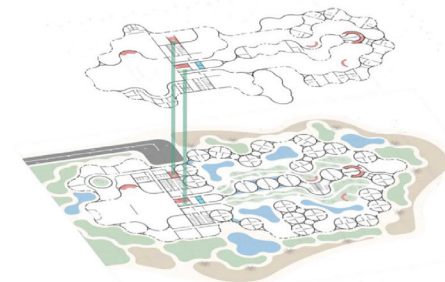
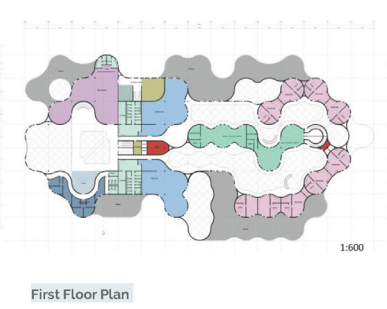
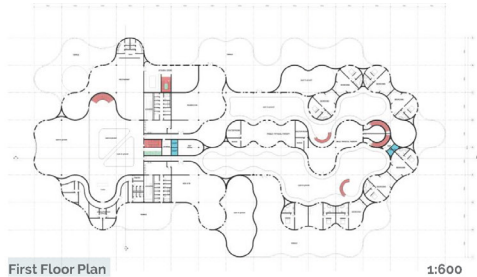
**AL-NASSIA - Fatma Almohannadi Senior Project, ID: 201604603**



**Structural System & Building Services**



**AEB 3rd Place: Senses Wellness and Therapy Center, Fatima Al-Mohannadi**





## WOMEN IN ARCHITECTURE

# WIA

As part of Architecture Day, the DAUP organized a discussion panel titled “Women in Architecture” with Fatma Fawzy- Design Manager for Msheireb Properties, Moza Al- Obaidan- DAUP Alumni, and Sarah Al-Thani- Architect at Ashgal.



Moza Al-Obaidan, Women in Architecture Day, image by Hessa Al- Hashemi



Fatma Fawzy, Women in Architecture Day, image by Hessa Al-Hashemi



Fatma Fawzy, Women in Architecture Day, image by Hessa Al-Hashemi

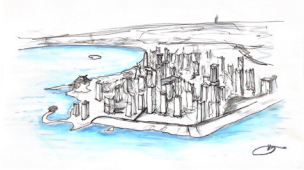


Picture from WIA, image by Hessa Al-Hashemi

# SW

## STUDENT WORK

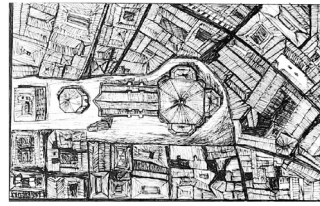
### SKETCHES, PROJECTS



Haya K. Al Muhannadi  
4<sup>th</sup> Year



Noah N. Hassan  
4<sup>th</sup> Year



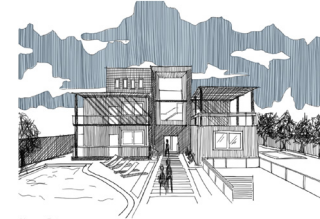
Jumana Alabdullh  
3<sup>rd</sup> Year



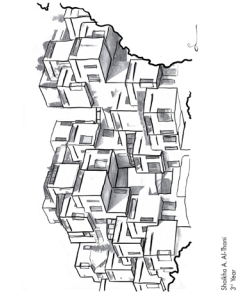
Alisa Y. Mohammed  
2<sup>nd</sup> Year



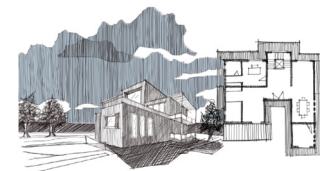
Fatma A. Mohamed  
2<sup>nd</sup> Year



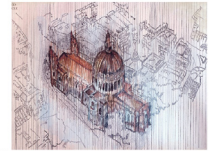
Maryam Z. Azam  
4<sup>th</sup> Year



Shahin A. Al-Husseini  
2<sup>nd</sup> Year



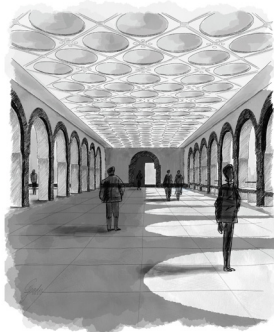
Maryam Z. Azam  
4<sup>th</sup> Year



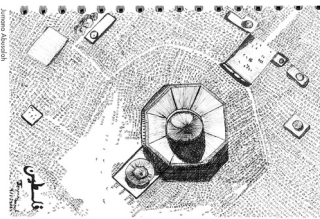
Fizza Alshami  
2<sup>nd</sup> Year



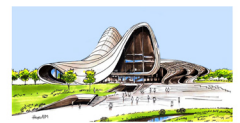
Fatma A. Mohamed  
2<sup>nd</sup> Year



Ghada K. AlMezadi  
3<sup>rd</sup> Year



Alisa Y. Mohammed  
2<sup>nd</sup> Year



Fizza Alshami  
2<sup>nd</sup> Year



Fawziya M. Al-Falhoos  
2<sup>nd</sup> Year



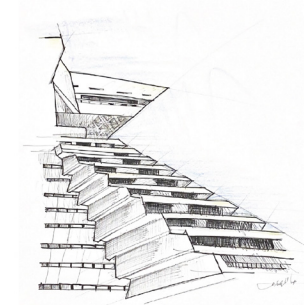
Ghada K. AlMezadi  
3<sup>rd</sup> Year



Shaikha A. Al-Thani  
3<sup>rd</sup> Year



Fizza Alshami  
2<sup>nd</sup> Year



Haya K. Al Muhannadi  
4<sup>th</sup> Year



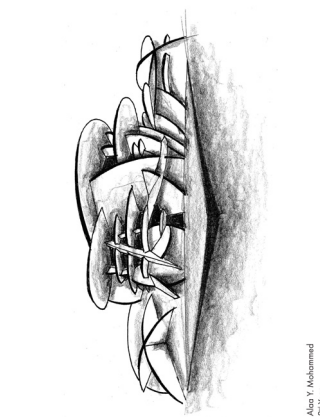
Fizza Alshami  
2<sup>nd</sup> Year



Hawa Masoodi  
2<sup>nd</sup> Year



ama Alabdullh  
3<sup>rd</sup> Year



Alisa Y. Mohammed  
2<sup>nd</sup> Year



Alisa Aljabri  
3<sup>rd</sup> Year



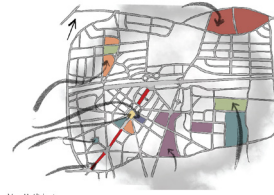
Mariam A. Alshami  
3<sup>rd</sup> Year



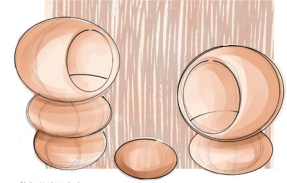
Mariam A. Alsuwaidi  
3<sup>rd</sup> Year



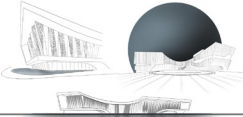
Mariam A. Alsuwaidi  
3<sup>rd</sup> Year



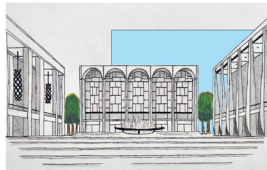
Nasir H. Alghazni  
3<sup>rd</sup> Year



Ghayan N. Al-Masood  
4<sup>th</sup> Year



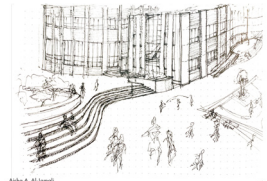
Hana Alkhamis  
3<sup>rd</sup> Year



Yomna A. Abogazla  
3<sup>rd</sup> Year



Alreem Albajji  
2<sup>nd</sup> Year



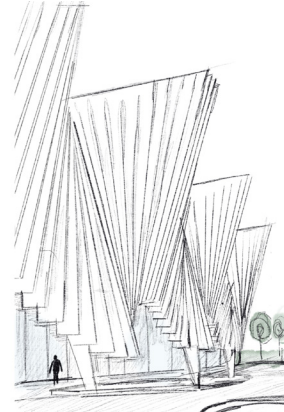
Ahba A. Al-Jumaili  
3<sup>rd</sup> Year



Yomna A. Abogazla  
3<sup>rd</sup> Year



Zahra M. Al-Najar  
2<sup>nd</sup> Year



Moza J. Al-Neama  
5<sup>th</sup> Year



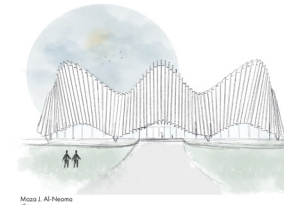
Dhalya A. Al-Nami  
5<sup>th</sup> Year



Raviana M. Al-Falhoos  
2<sup>nd</sup> Year



Yomna A. Abogazla  
3<sup>rd</sup> Year



Moza J. Al-Neama  
5<sup>th</sup> Year



Dhalya A. Al-Nami  
5<sup>th</sup> Year



Raviana M. Al-Falhoos  
2<sup>nd</sup> Year



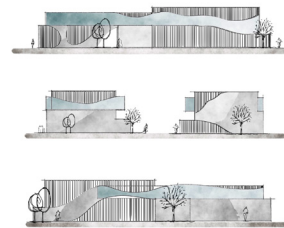
Shamma I. Alkohami  
3<sup>rd</sup> Year



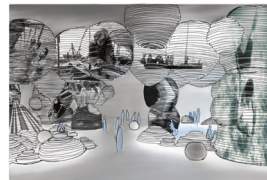
Ajma A. Al-Obeidly  
4<sup>th</sup> Year



Zahra M. Al-Najar  
2<sup>nd</sup> Year



Shamma I. Alkohami  
3<sup>rd</sup> Year



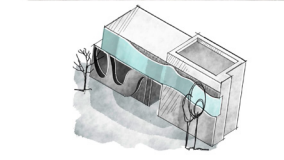
Shamma I. Alkohami  
3<sup>rd</sup> Year



Ajma A. Al-Obeidly  
4<sup>th</sup> Year



Hana Moosawi  
2<sup>nd</sup> Year



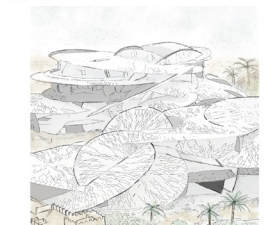
Haya A. Al-Muzaffer  
4<sup>th</sup> Year



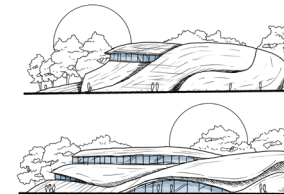
Nasir H. Alghazni  
3<sup>rd</sup> Year



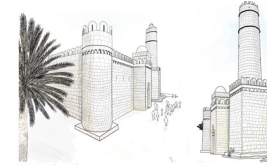
Hana Moosawi  
2<sup>nd</sup> Year



Hana Moosawi  
2<sup>nd</sup> Year



Haya A. Al-Muzaffer  
4<sup>th</sup> Year



Zaynan A. Al-Humaidi  
2<sup>nd</sup> Year

# SW

## STUDENT WORK

### SKETCHES, PROJECTS

ARCT 341 - Creativity and Innovation  
Project By

- Gharam Al Mannai
- Ghada Al Hajri
- Noor AlyaFei

Instructor:  
Dr. Tarryn Paquet

جامعة قطر  
QATAR UNIVERSITY  
DEPARTMENT OF ARCHITECTURE  
AND URBAN PLANNING  
كلية الهندسة والبناء  
College of Engineering and Architecture

# THE STORY OF A HANGING LAMP

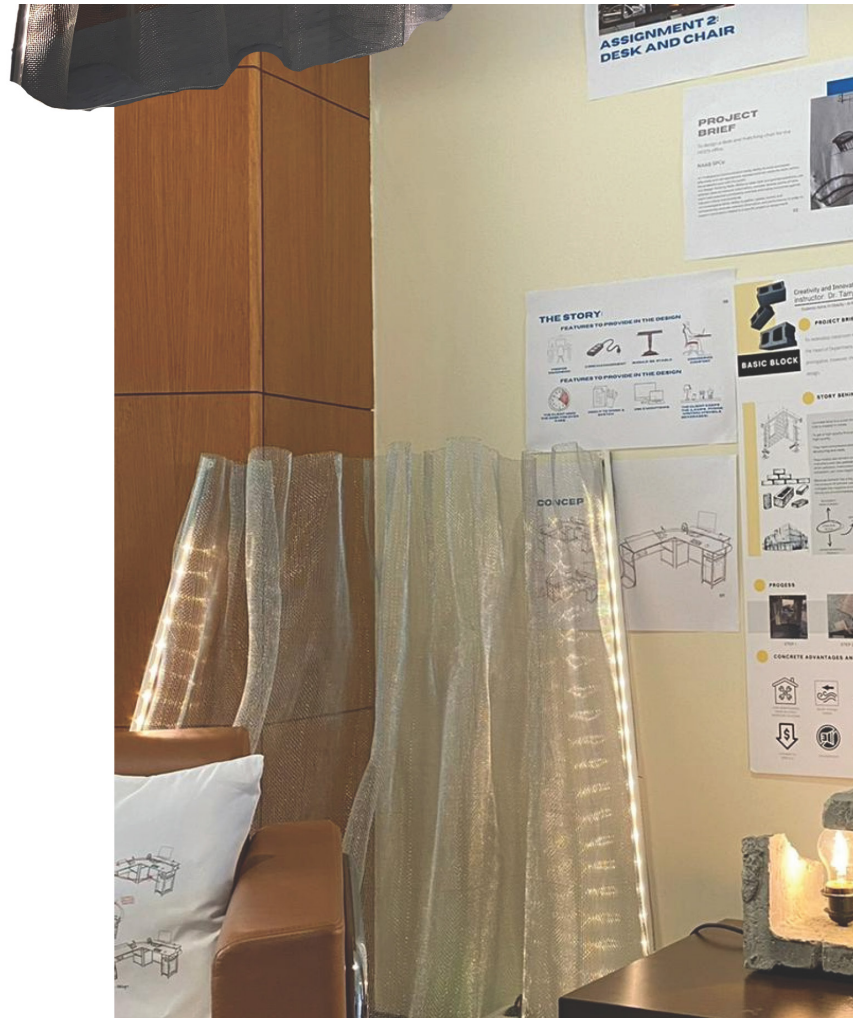
Sketched By  
Gharam A. Al Mannai



Student Project by Gharam Al mannai, Ghada Al Hajri , and Noor Alyafei



DAUP Student Project



DAUP Student Project



# 13

Department of Architecture  
and Urban Planning  
2009-2022





# EN

## EVENTS NEWS

### SADARA YOUTH LOUNGE - QU METRO

Commercial Bank inaugurated its first exclusive Sadara Youth lounge at the Qatar University Metro Station Branch. Which is designed by a group of QU students. It displayed a modern design and look. The branch is customized to the needs of the young generation, especially QU students. This branch allowed Qatar University students to unleash their creativity and design their own space through a competition held back in 2020. Commercial Bank adopted a concept developed by the students and brought it to life. It embraces creativity and innovation, something meaningful to students, functional, and yet can still be fun.

Commenting on this new milestone, Amit Sah, EGM, Head of Retail Banking, said: “The opening of the Sadara Youth lounge emphasizes Commercial Bank’s commitment to innovation and delivering exceptional customer experiences. We are delighted that our joint efforts with the students and the University have been brought forward by opening this lounge and introducing our new series of presentation topics, CBTalks.”

Prof Adam Fadlalla, Acting Dean of the College of Business and Economics, Qatar University, said: “This lounge will provide a platform for Qatar University students to network and enhance their understanding of banking. In addition, it will be an avenue to expand the flow of ideas and development of the local youth as future leaders. We look forward to strengthening the relationship with the Bank and cooperating with them to deliver the best services to our future generation.”

Nayef Al Beshri, AGM and Head of Branches, said: “Since its inception, Commercial Bank has been committed to supporting Qatar’s National Development by giving back to the wider community through a comprehensive range of meaningful corporate social responsibility programs aiming to spread awareness in the society in addition to educating and guiding our customers in their banking journey with Commercial Bank. The distinctive style of this branch fulfills the Bank’s target in supporting Qatar National Vision 2030, caters to the needs of this segment, especially our Sadara Youth members, and provides them with the ideal location to discuss their banking fully functional mobile app”.



Gulf Times : Images by Thajudheen



Gulf Times : Images by Thajudheen

# EN

## EVENTS NEWS

### UNIGATE - QU AI WEEK



DAUP student Liya Mariyam and her team participated in the AI week held in March to present their project, UniGate, which is an application that can enable students, staff, and faculty to navigate easily across buildings inside Qatar University. Moreover, it also helps find the location of facilities not covered by Google Maps. The application primarily includes answering all the inquiries asked by students. For example, one of the inquiries is the registration that serves multiple questions like add and drop days, registration policies, and final exam time. In addition, it delivers all the information related to the instructors, like their names, emails, and office numbers, in less than a second.



جامعة قطر  
QATAR UNIVERSITY

The Artificial Intelligence Organization under the Student Activities section and in collaboration with the College of Engineering cordially invites you to

# AI WEEK 2022

14 - 16 March, 2022

8:30 am - 5:00 pm

Qatar University,

Sports & Events Complex (A07)



منظمة الذكاء الاصطناعي  
Artificial Intelligence Organization

[aiqu\\_qa](#)

[aiqu.qa](#)

[aiqu@qu.edu.qa](mailto:aiqu@qu.edu.qa)

## WHO WE ARE

An application that can enable the students, staff and faculty to easily navigate across buildings inside Qatar University. Moreover, it also helps in finding location of facilities not covered by google map. The application primarily includes answering all the inquiries mainly asked from the students. One of the inquiries is the registration which serve multiple questions like add and drop days, registration policies, and final exam time. Also, it delivers all the information related to the instructors like their names, emails, and their office numbers in less than a second.



JOIN US NOW &  
GET THAT DREAM!



## CONTACT

Doha, Qatar 

@unigate.22 

unigate\_2022@outlook.com 

**UNIGATE**  
Explore your University

## OUR TEAM



**Marwa Moustafa**  
TEAM LEADER



**Muhsina Muneer**



**Liya Mariyam**



**Hanan Nisar**

### Problem

Finding buildings and classrooms specifically is very time consuming due to various reasons. At times, students realize that the network might not be strong in some areas, making it difficult to conclude which directions to be followed thereafter. While some might argue that there are signboards placed in most places, many areas are being updated on campus which cannot be easily updated on sign boards. Moreover, even if the student manages to find the building, they spend more time on finding the right classroom since most of the corridors are identical.

### Solution

One stop solution for all the problems. (QU Assistant!)

Aim: build an application using AI, which includes a virtual assistant, to help the students achieve their needs instantly.

Software used: Chat bot

### Enhancements

Introducing more languages based on student's preference. Additionally, adding locations of different room within a building. Moreover, adding 3-D navigation can give the best user experience. Making the app more inclusive: enabling voice search for differently abled students

### OUR MISSION

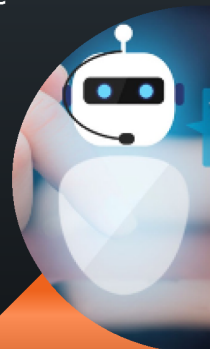
Help students make their student life more productive.

### OUR VISION

To incorporate AI in the education field and promote its benefits.

### Facilities

- Food outlets and Picnic Spots
- Self-Printing Service Spots
- Location of Buildings
- Instructor's Office
- Prayer Rooms
- Queries



# SN

STUDENT NEWS

QU - AIAS

## Join QU-AIAS and Get Involved Today!



**AIAS**  
Qatar University

### YOUR QU-AIAS LEADERSHIP TEAM

President	Bashayer Al-Naimi
Vice President	Razan A.M. Abdelaziz
Secretary	Aljazi Al-Banai
Treasurer	Asmma Al-Romole

### Board of Directors

Graduate Rep.	Dalal Al-Ansari
Senior Rep.	Ghalya Al-Maadeed
Fourth Year Rep.	Mariam Al- Tamimi
Third Year Rep.	Sara Al-Baker
Second Year Rep.	Noora Al- Jalham
First Year Rep.	Norra Al - Emadi
Past President	Maryam Al-Nuaimi



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## About QU-AIAS

The QU-AIAS is an independent, nonprofit, student-run organization dedicated to providing unmatched progressive programs, information, and resources on issues critical to architecture and the experience of education. The AIAS aims to promote excellence in architectural education, training, and practice; to foster an appreciation of architecture and related disciplines; to enrich communities in a spirit of collaboration; and to organize students and combine their efforts to advance the art and science of architecture. Our mission is advancing leadership, design, and service among architecture students.

QU-AIAS membership supports architecture students in our department but also across the United States and academic programs around the world. QU-AIAS promote excellence in architecture education, and training. Architectural practice is constantly evolving. A large part of that evolution happens in schools. A pedagogy that promotes experimentation and exploration above all. AIAS members understand their role in the profession as leaders. Not the future of the profession but the now. Programs like Freedom by Design, CRIT and Grassroots mentorship empower students to own that role. We foster an appreciation of architecture, design and related disciplines in departmental events, annual gatherings, and regional conferences, providing students with the opportunity to learn about the issues facing our world, to meet students and professionals with common interests, and to interact with some of today's leading architects and designers.

QU-AIAS enrich communities in a spirit of collaboration through the Freedom by Design™ program and other community outreach, we are empower our members and students as a whole to be good citizens on their campuses and in their communities. We organize students and combine their efforts to advance the art and policy of architecture by being the sole student voice in the collateral discussion and decision-making process that includes The American Institute of Architects (AIA), The Association of Collegiate Schools of Architecture (ACSA), The National Council of Architecture Registration Boards (NCARB) and The National Architectural Accrediting Board (NAAB).

Annual membership dues are \$60. You can join the QU-AIAS online at <http://www.aias.org/membership/#join>. Follow QU-AIAS on Instagram @aias\_qu.



QU- AIAS Leadership Team Image by Hessa Al - Hashemi



Instagram Snapshot (Image: QU- AIAS Instagram).



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