

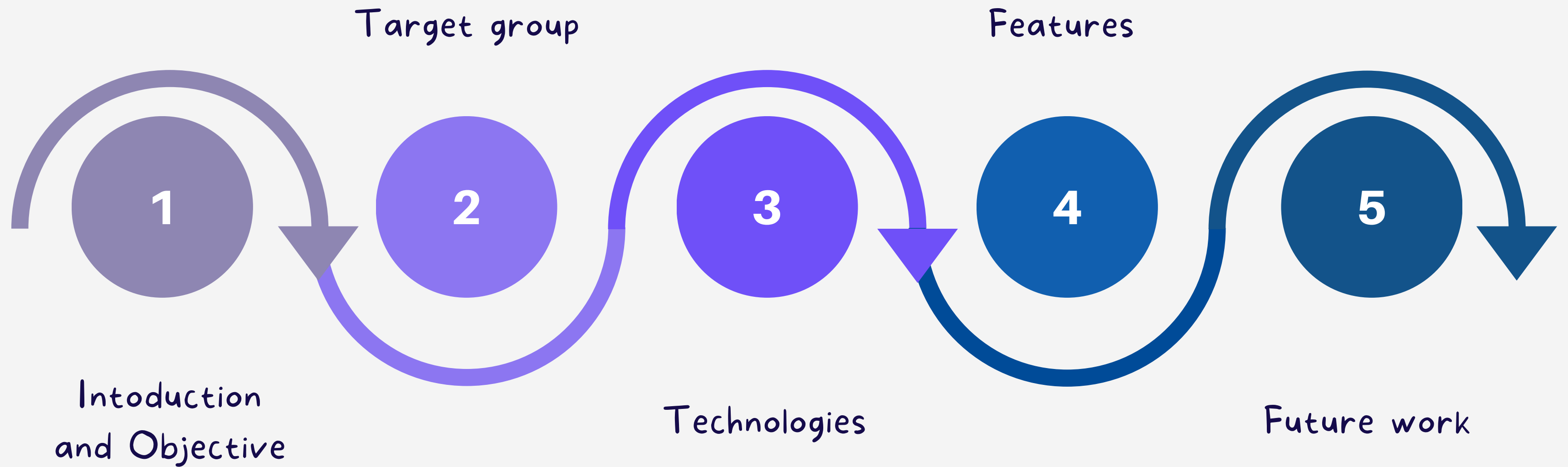


Let's Graduate

Supervisor: Dr.Amjad Abu Hassan

**Students:
Ahd Odeh , Rawan Zanabeet**

OUTLINE





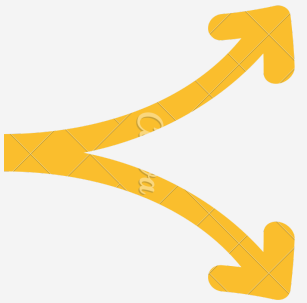
INTRODUCTION AND OBJECTIVE

Our objective is to develop a mobile application and website that provides students and all parties involved in graduation projects with a dynamic electronic environment streamlining the process for them.



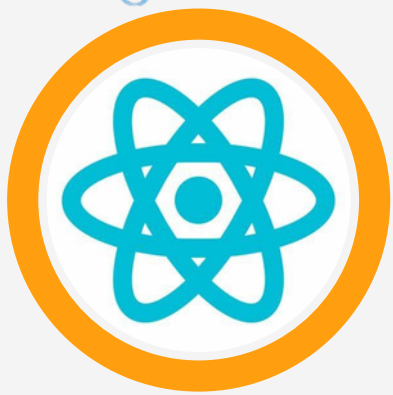


TARGET GROUP

- Any Student  Has a Graduate Project
Or not
- Supervisors
- Heads of Departments
- Dean



TECHNOLOGIES



React js -> website



Node js



Reastful api



MySQL



AWS s3



Firebase

React Native -> mobile



FRONT END



BACK END



BATA BASE



CLOUD STORAGE







FEATURES



1_ If student have partner and have accept from head of department



First Step Second Step Third Step Last Step



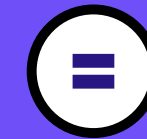
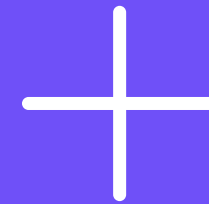
First Step

Make Sure That The Information You Entered During The Sign-up correct, Especially number, University Email, and Major

[Edit Profile](#)


Next

I have read and Yes I Have Partner in Graduate Project




Enter Partner ID University

[LIST IF SUPERVISOR](#)



First Step Second Step Third Step

The Type Of Your Project 

[SEND REQUEST](#)

Student Requests:

Search:

	University ID	Name	Date of submitting the request	Accept	
1	11923838	Ahd Odeh	22/2/2023	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	11878590	Rawan Al-Masri	16/2/2023	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	11724563	Hasan Abu Ghazaleh	21/2/2023	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	11978970	Zainab Al-Jaber	28/2/2023	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	11787867	Dina Tawil	15/2/2023	<input checked="" type="checkbox"/>	<input type="checkbox"/>

University ID:







	University ID	Name	Date of submitting the request
1	11923838		22/2/2023
2	11878590		16/2/2023
3	11724563		21/2/2023
4	11978970	Zainab Al-Jaber	28/2/2023
5	11787867	Dina Tawil	15/2/2023

The reason for refusal




Supervisor List.

Search Here


-  manar qamhieh
m.qamhieh@najah.edu
-  emad natsheh
e.natsheh@najah.edu
-  Anas Toma
anas.toma@najah.edu
-  Samer Arandi
arandi@najah.edu
-  abdallah abdallah
a.rashed@najah.edu
-  allahaldeen masri
masri@najah.edu

list of supervisors

If student dose not have a partner and have accept from head of department



1
First Step Second Step Third Step Last Step




First Step


Make Sure That The Information You Entered During The Sign-up correct, Especially number, University Email, and Major

[Edit Profile](#)


[Next](#)





First Step Second Step Third Step

The Type Of Your Project 


[SEND REQUEST](#)

Which area of computer science interests you the most? 


Have you completed any projects or coursework related to front-end development?? 


Have you completed any projects or coursework related to back-end development? 

[Previous](#) [Next](#)



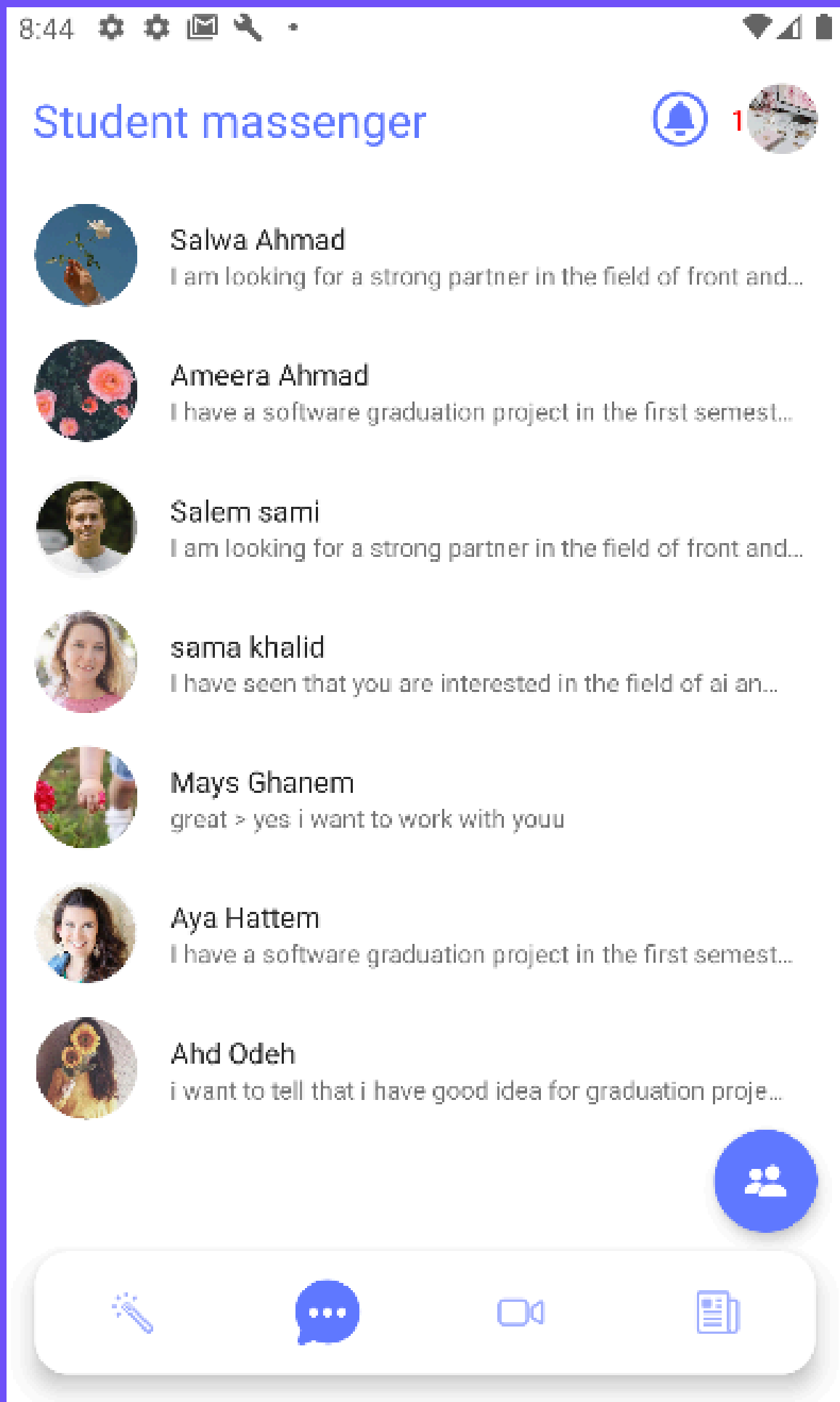
First Step Second Step Third Step

Do you enjoy working on user interfaces and designing web pages? 

Do you have experience or knowledge in machine learning and AI algorithms? 

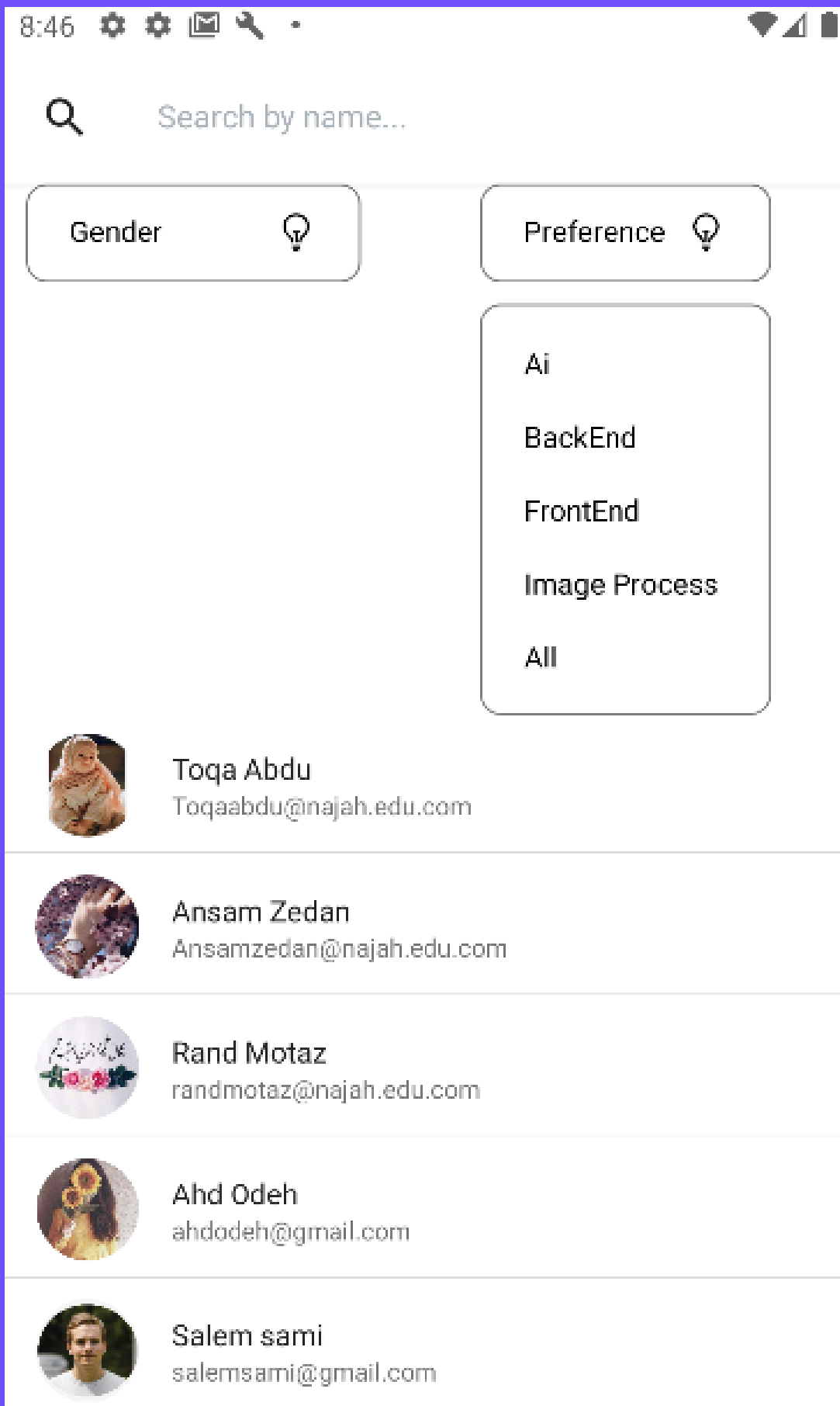
[LIST IF SUPERVISOR](#)

[Previous](#) [Submit](#)

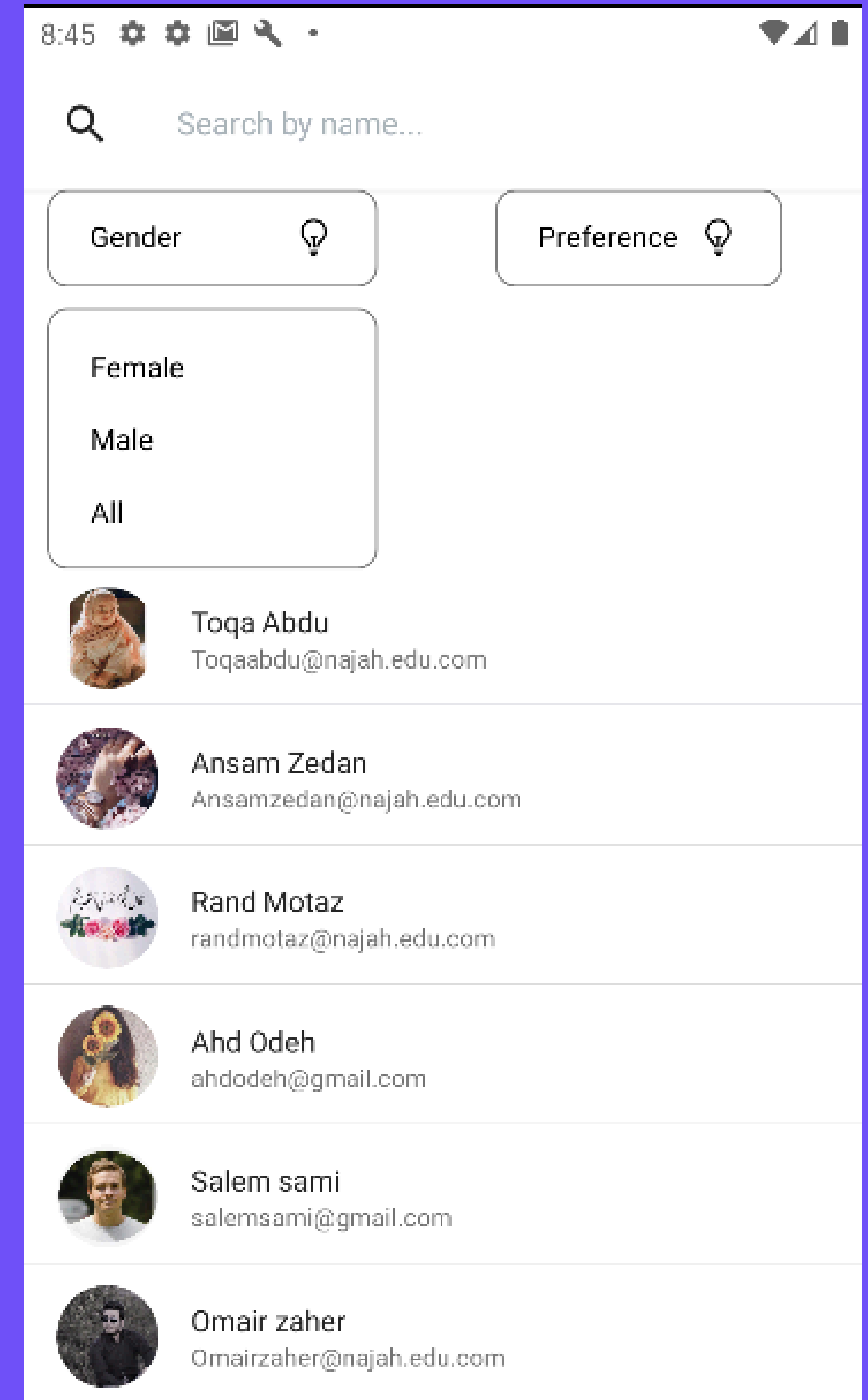
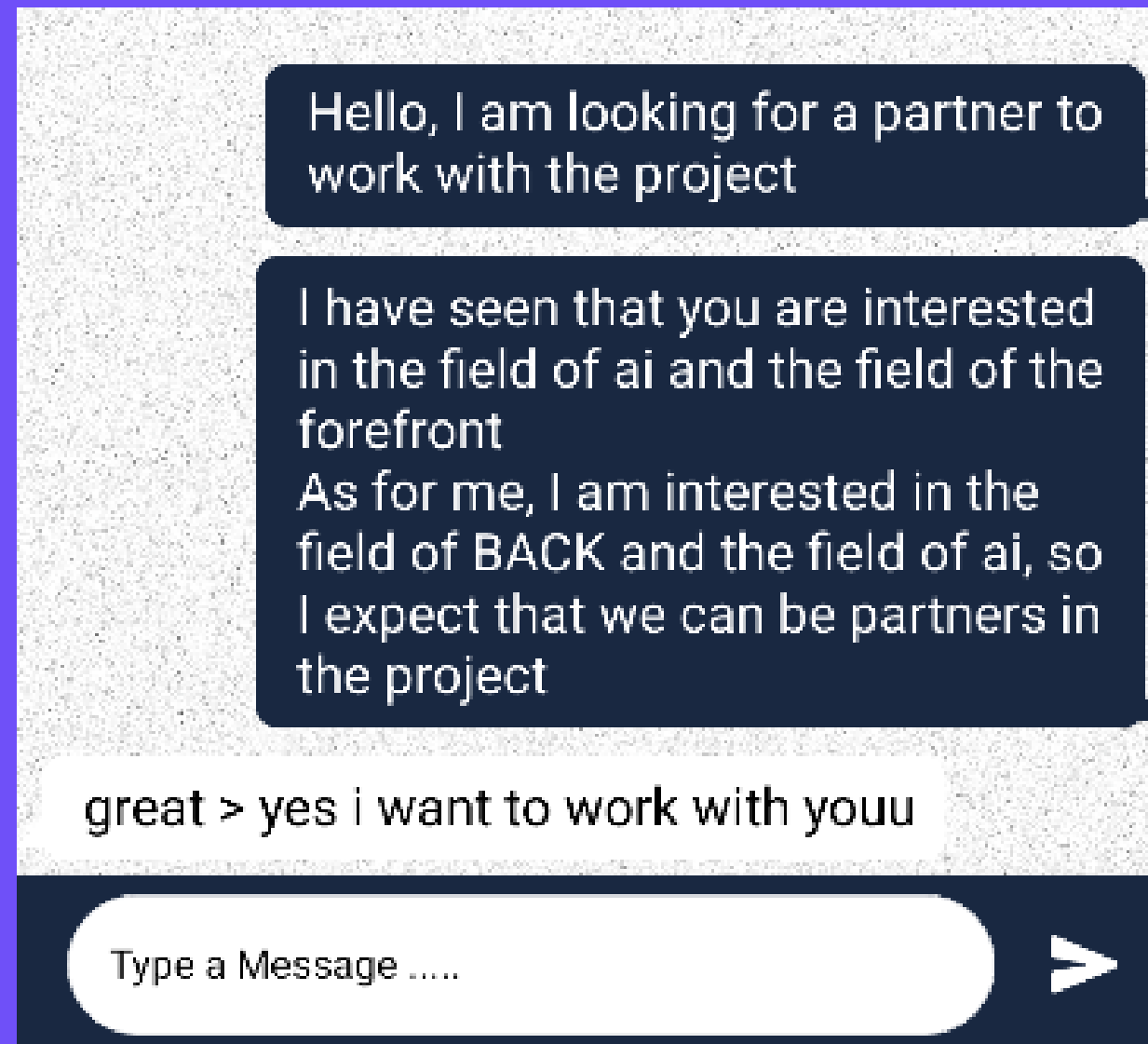


Chat is used to search for a partner











Chat is used to search for a partner through filtering




Supervisor List.

Search Here

-  manar qamhieh
m.qamhieh@najah.edu
-  emad natsheh
e.natsheh@najah.edu
-  Anas Toma
anas.toma@najah.edu
-  Samer Arandi
arandi@najah.edu
-  abdallah abdallah
a.rashed@najah.edu
-  allahaldeen masri
masri@najah.edu

list of supervisors



Name of The Video

Your Email

Technology Used

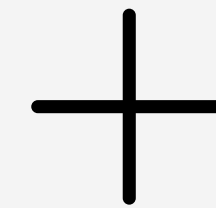
Description the Idea

Access Type

Select Video(Current Selected: 0)

Upload it

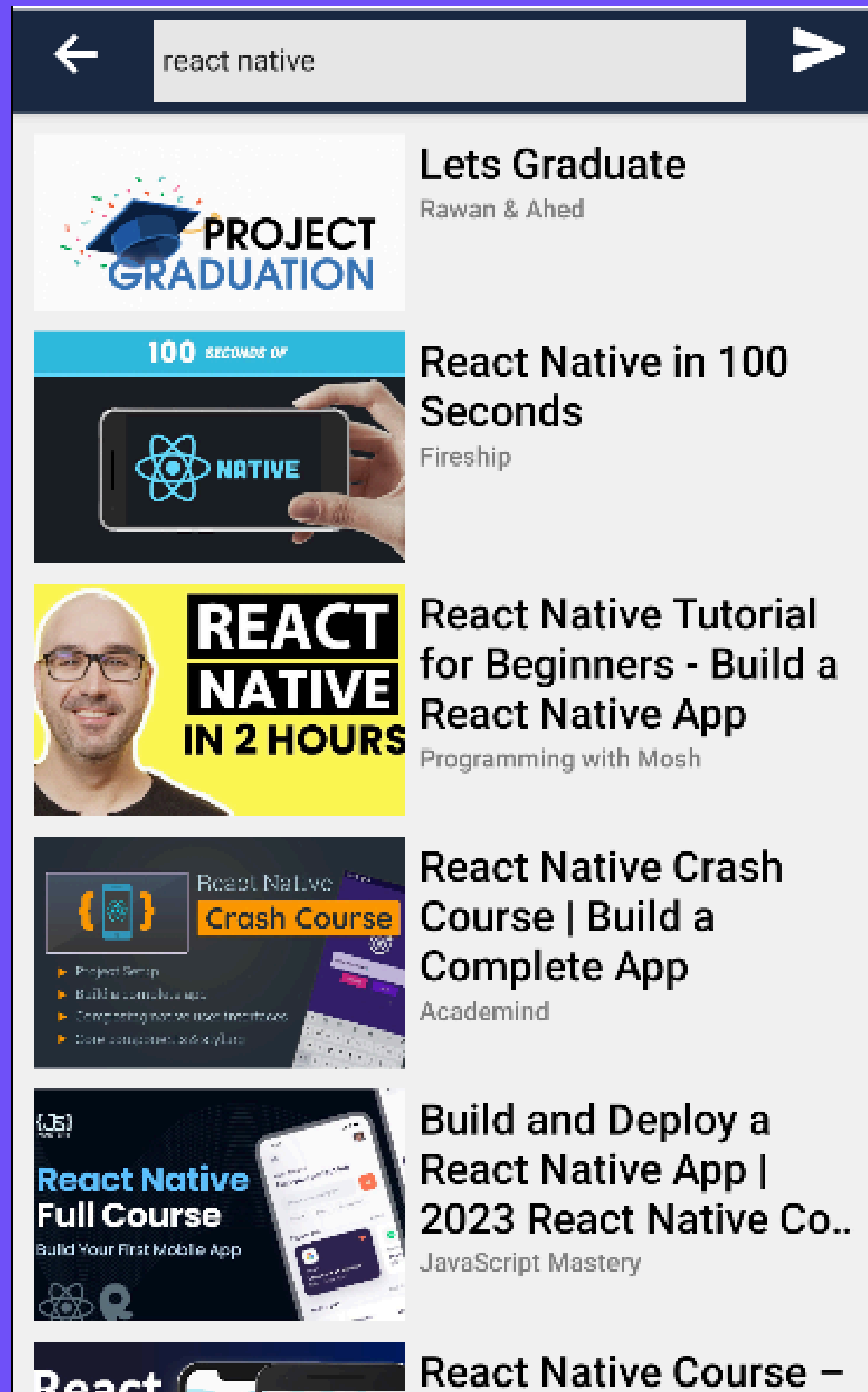
upload video in:



s3 in aws

firebase storage





the Result will be:

1- list of video from clouds storage acrroding to search (highest priority)


2- list of video from youtube (less priority)(**Youtube api**)

Top Student Graduation Idea


2023-2022-second semester

 **Lets Gradute** 199

Let's Graduate is a mobile application designed to streamline the graduation process for students and supervisors working on graduation projects. It provides a range of features and processes that simplify the work stage, ensure a hassle-free experience for all parties

 **Zajel+** 152

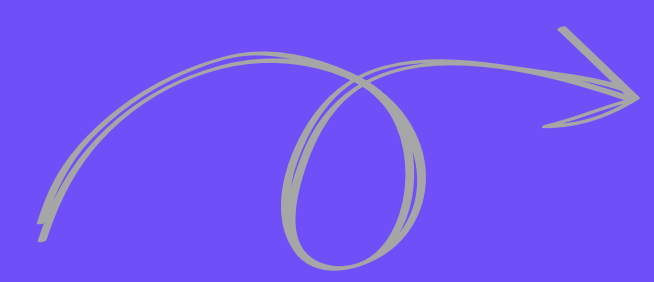
Zajel+ is a website extension to be added to Zajel portal for An-Najah National University. This website extension is especially made for students and Teachers to facilitate communication together,

 **Austazi** 120

Austazi is a platform for class scheduling service that allows both tutors in the institute and the institute itself to schedule their classes and then




Top Student Graduation idea




This page shows all projects from the highest rating to the lowest And with a filter by Semester

2023-2022-second semester

 **five stars hotel** 50

A mobile application that allows students to book rooms in front of the university From afar and without the need to ask on social media about the existence of an apartment that offers rooms .

 **Social volunteering** 32

An application that allows everyone to present ideas for community service, such as planting trees, charity, zakat, and other charitable works that help others

Student Profile



Name



Email



Password



University Number

Update Profile

update student profile



Rawan Zanabeet

11923570@nahah.edu.com

199 Likes 0 response



Home



Profile



Abstract



Suitable supervisor



Sign Out

Next



Find the suitable supervisor

I would like to make an idea such as a mobile application to take a picture of the plant in the zoo, and from the pictures I know what the plant needs, such as treatment, water percentage, or sun. Through the picture, I want to know if this plant is a suitable environment or not.

66.33333

22.15152

11.5151

Dr. Anas Toma

66%

Dr. Samer Arandi

22%

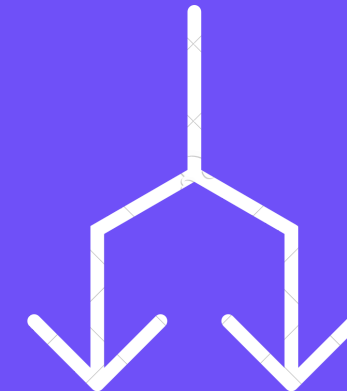
Dr. Emad Natshah

12%

Search

Finding suitable supervisor by Ai

The idea is taken from the student
And work on analyzing this idea
using Recommendation System by



Viectorization

Cosin similarity

Graduation Projects Computer Engineering - S2-2022/2023

Email *

your email

Student name in Arabic *

your answer

your answer

Registration number *

your answer

Project Type *

- Project 1
- Project 2



The name of the project supervisor with whom you want to work, and it is best after coordination with him / her - the first option *

🔍 search



- Dr. Manar Qamhieh
- Dr. Loai Malhis
- Dr. Raed Alqadi
- Dr. Abdallah Rashed
- Dr. Suleiman Abu Kharma

The name of the project supervisor with whom you want to work, and it is best after coordination with him / her - the second option *

Abstracts:

Search:

Type of project All 

Smart Traffic Control System

First project

Supervisor : Dr. Sufyan Samarah

Students :

- Ahmad Moshen

Supervisor : Dr. Samar Arandi

Students :

- Aisha Samer

The Abstract :

This project aims to develop a smart traffic control system using machine learning algorithms. The system will be able to analyze traffic patterns and adjust traffic signals in real-time to reduce congestion and improve traffic flow.

Accept

Not Accept

Smart Home Automation System

First project

Supervisor : Dr. Anas Tomeh

Students :

- Ali Arafat
- Ahmad Khalili

The Abstract :

This project aims to develop a smart home automation system using artificial intelligence and internet of things (IoT) technologies. The system will be able to control various home appliances and devices based on user preferences and environmental conditions.

Accept

Not Accept

Smart Arabic Speech Recognition System

First project

Supervisor : Dr. Manar Qamhiehi

Students :

- Sara Ali
- Ahmad Khattab
- Nour Ali

The Abstract :

This project aims to develop a smart Arabic speech recognition system using machine learning algorithms. The system will be able to recognize spoken Arabic and convert it to text, improving speech recognition accuracy for Arabic language content.

Accept

Not Accept

The reason for refusal

Other 

Enter reason here

OK


Cancel



Amjad Abu Hassan

Amjad@gmail.com

8 Students 4 Projects

 Home

 Profile

 Student_request

 Student Managment

 Social Communication

 Sign Out

supervisor!

Supervisor Profile

supervisor Profile



 Name

 Email

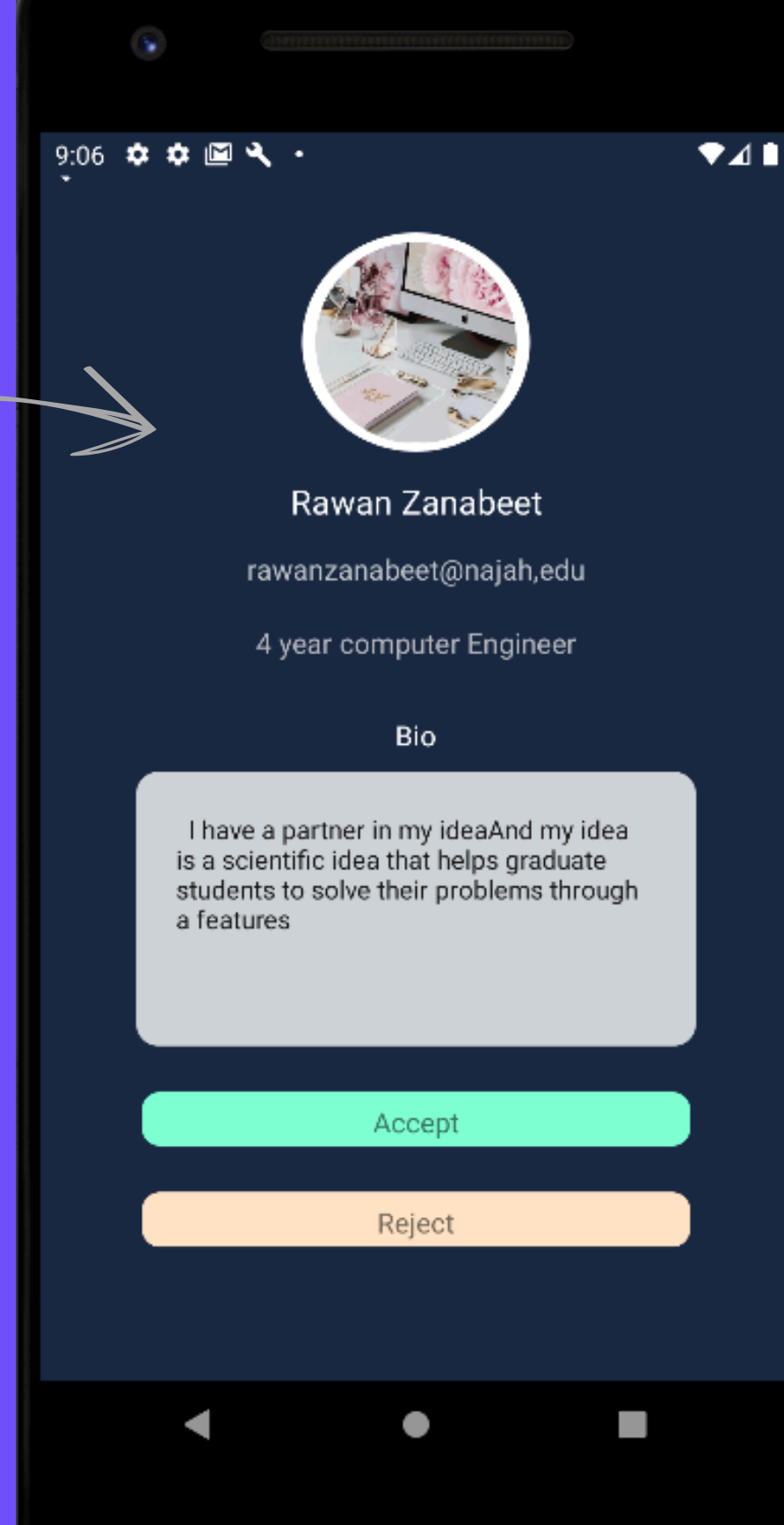
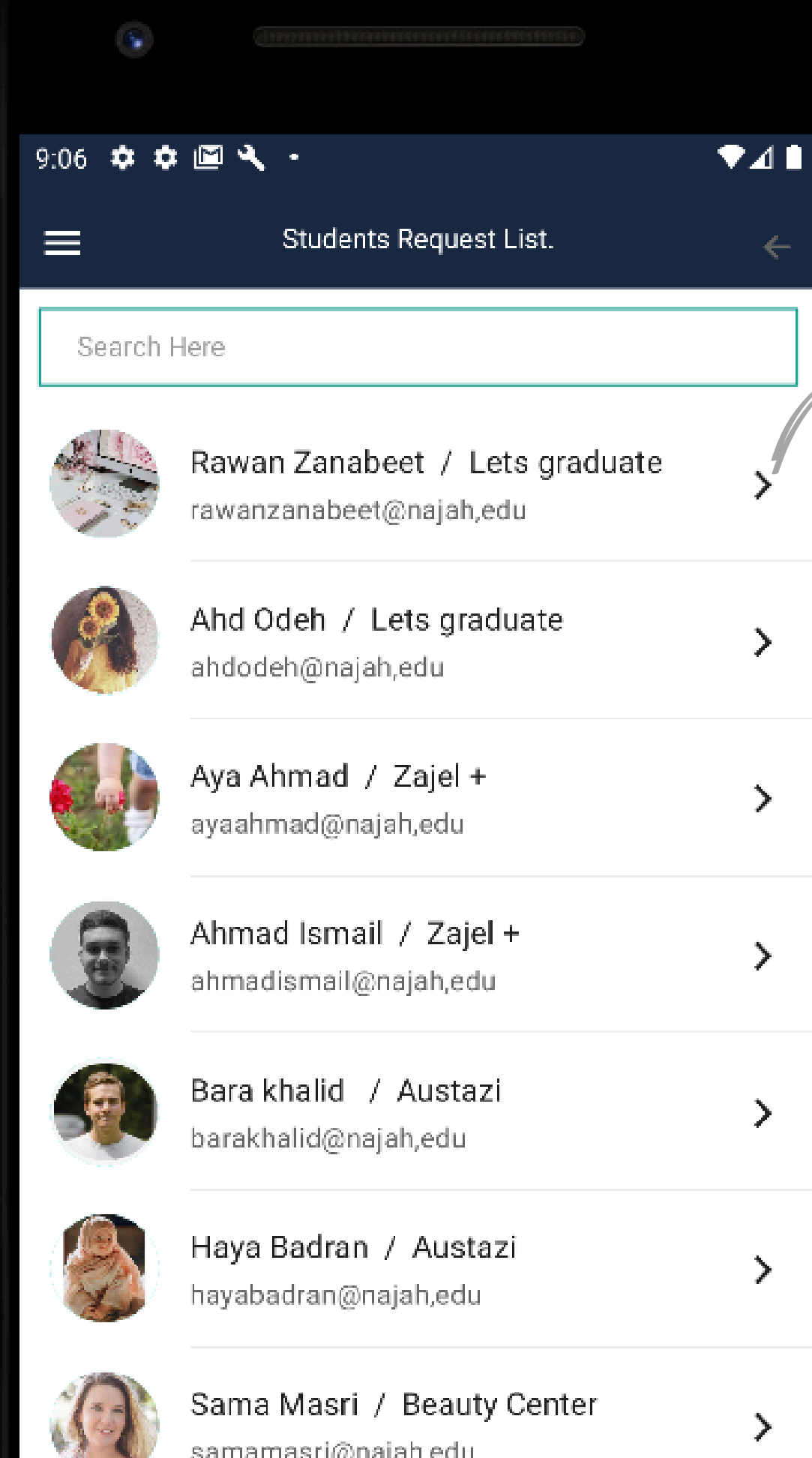
 Password

 number of student you have this semester

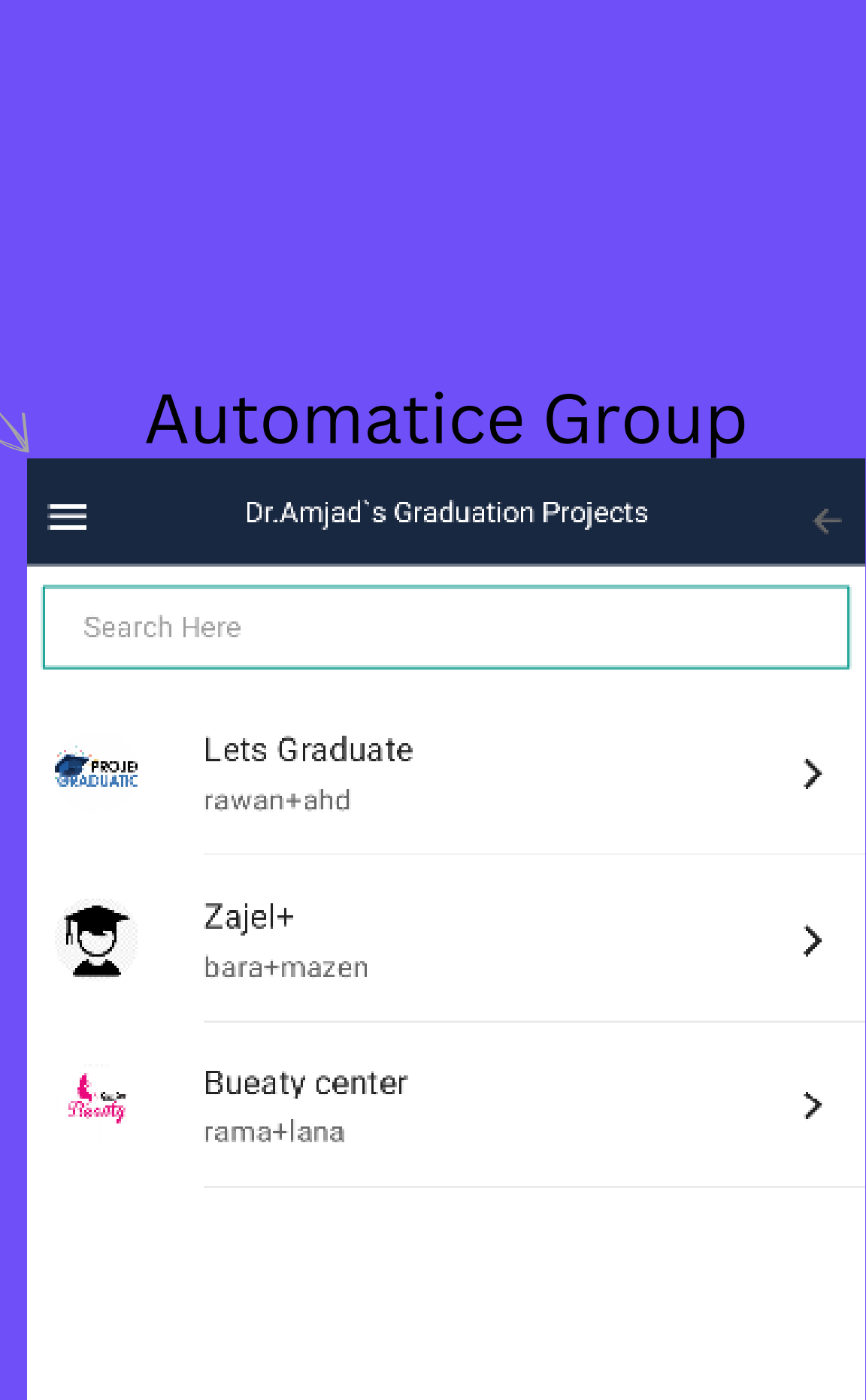
 Description about your experience

Make me for student requests 

update profile



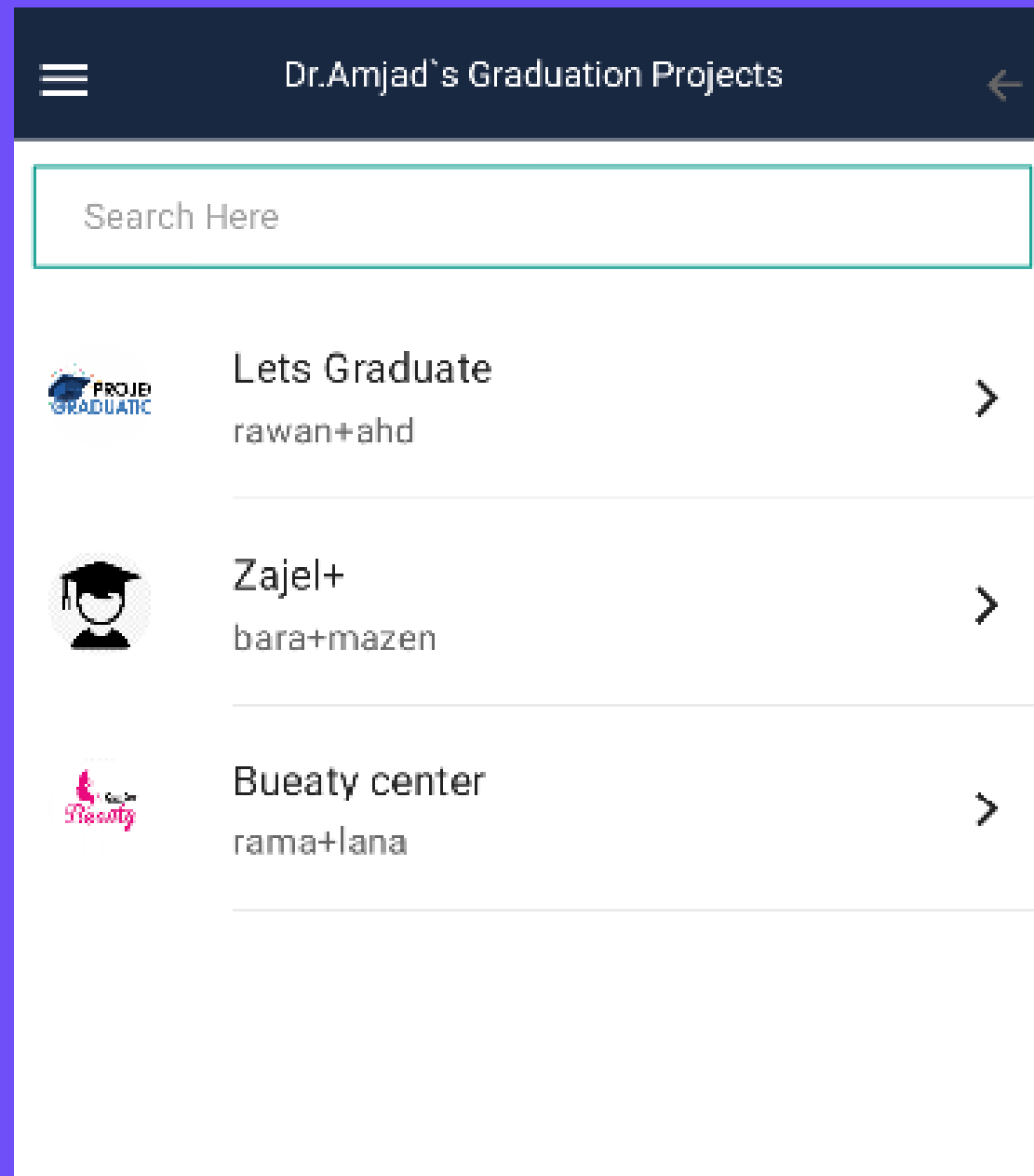
Supervisor Request List



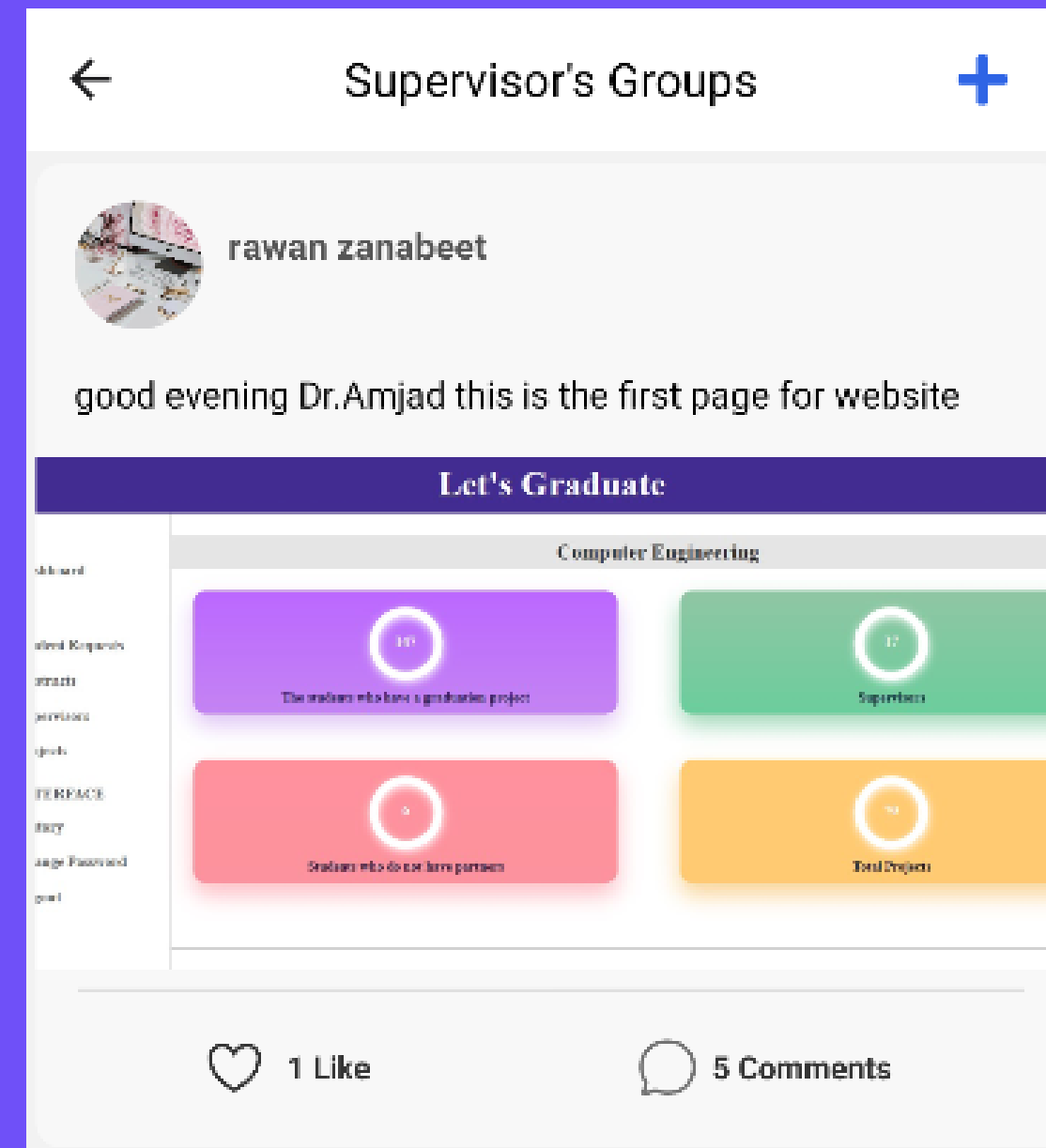
Automatic Group

Supervisor select which Project Group want manage

delete or update student in the group



Each Supervisor has list of project group and each project group has social communication page



Welcome to let's
Graduate!

You want to log in as:

Dean

Head of Department

let's
GRADUATE



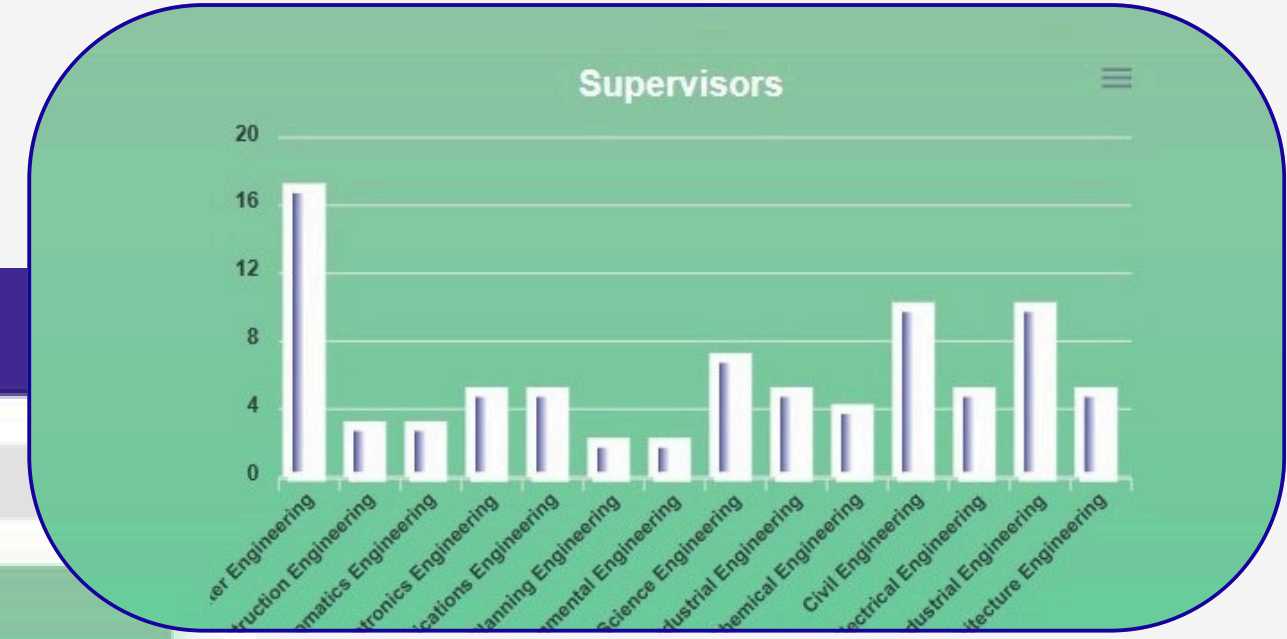
The Head of Department

Let's Graduate

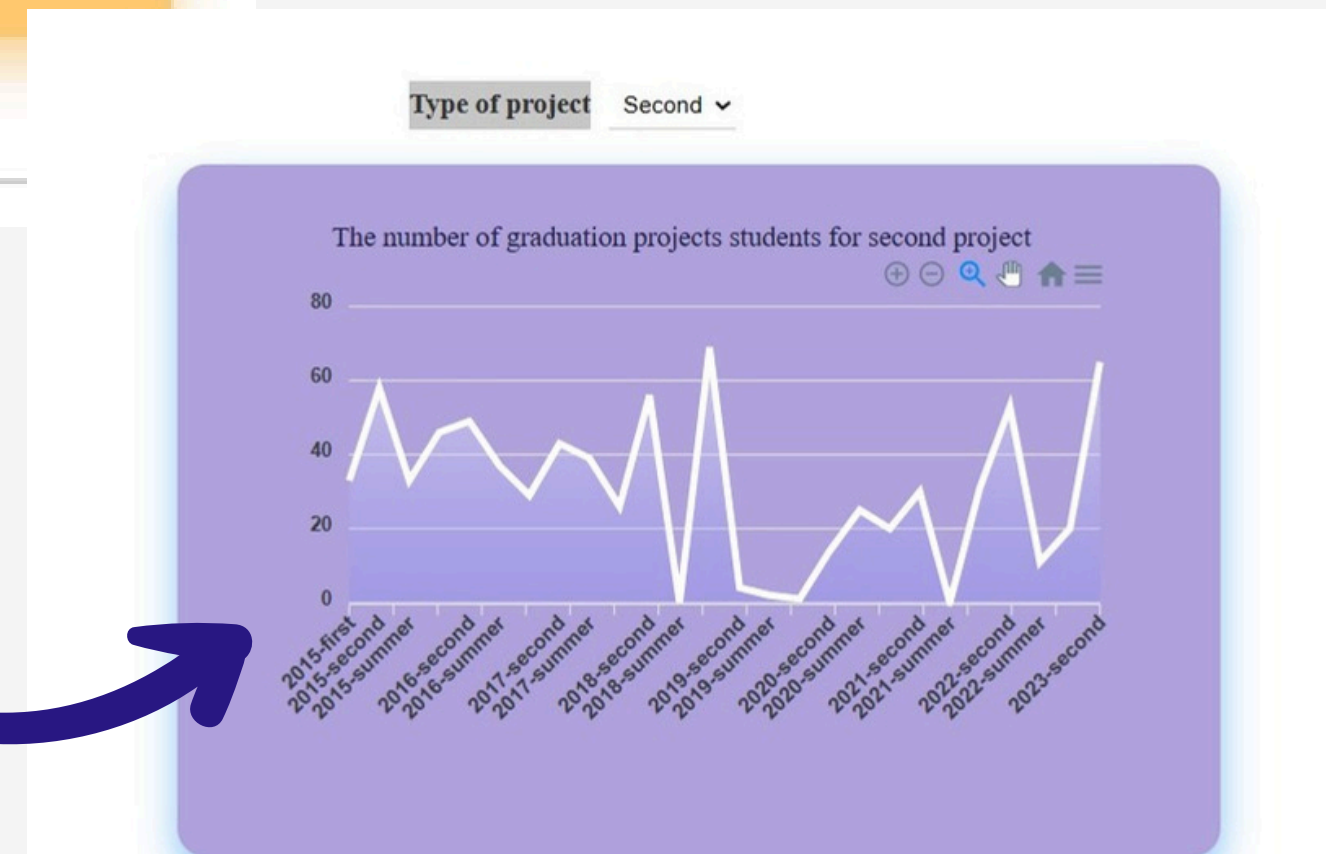
- MAIN
 - Dashboard
- LISTS
 - Student Requests
 - Abstracts
 - Supervisors
 - Projects
- USER INTERFACE
 - History
 - Change Password
 - Logout

Computer Engineering

147	17
The students who have a graduation project	Supervisors
6	70
Students who do not have partners	Total Projects




The number of students' graduation projects during the semesters:



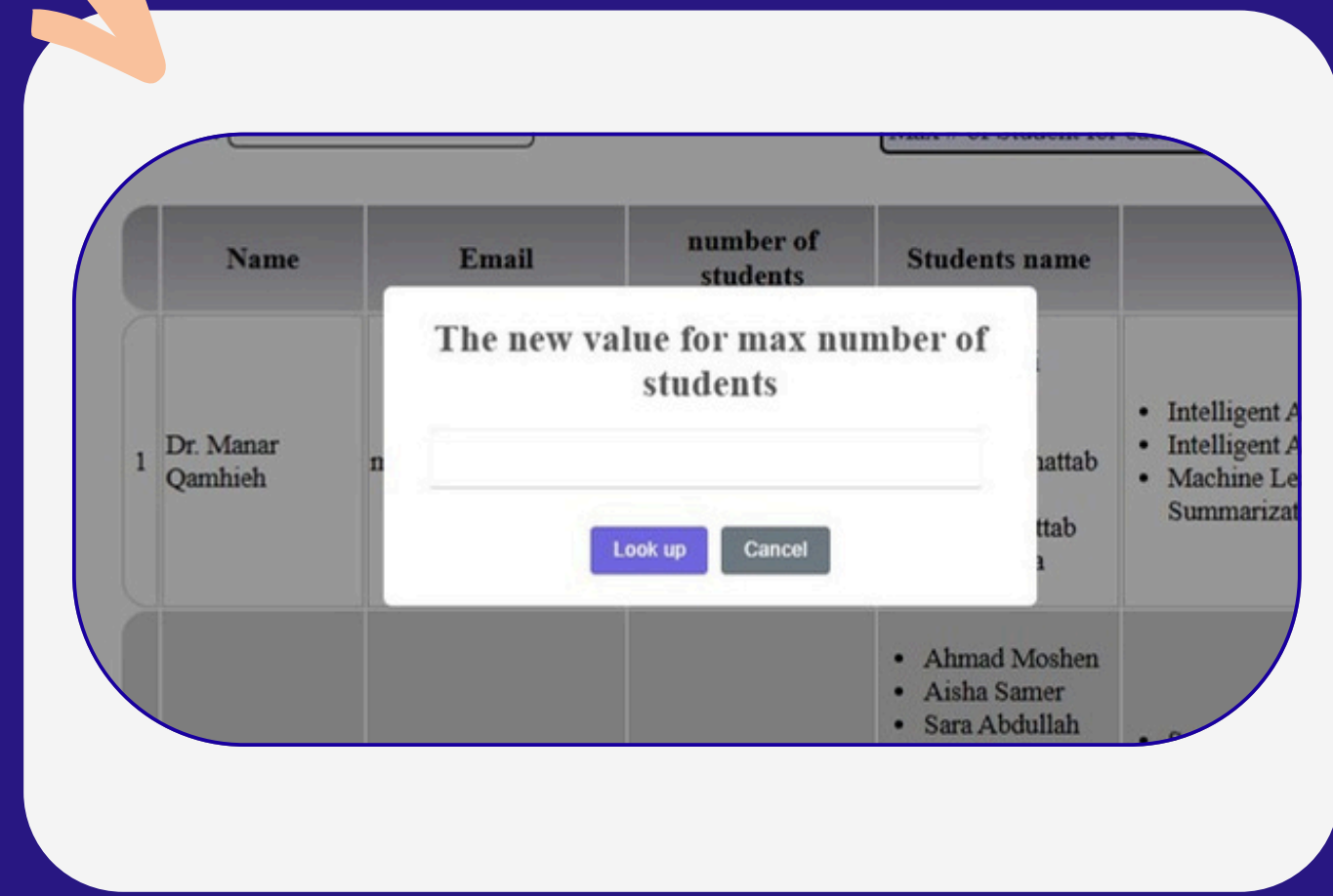
Supervisors:

Search:

Max # of Student for each supervisor is 9 



	Name	Email	number of students	Students name	Projects name
1	Dr. Manar Qamhieh	m.qamhieh@najah.edu	7	<ul style="list-style-type: none">Rania JodiHala AsadSara AliAhmad KhattabNour AliRami KhattabRaid foqha	<ul style="list-style-type: none">Intelligent Arabic Sentiment AnalysisIntelligent Arabic Sentiment AnalysisMachine Learning for Arabic Text Summarization
2	Dr. Sufyan Samarah	sufyan_sa@najah.edu	9	<ul style="list-style-type: none">Ahmad MoshenAisha SamerSara AbdullahAli HasanFatima KhalidYousef MustafaNoura AhmedMohammed AbdoRazan Saleh	<ul style="list-style-type: none">Smart Traffic Control SystemSmart Home Automation SystemIntelligent Waste Management SystemSmart Health Monitoring SystemAutonomous Vehicle Control System



The new value for max number of students

Look up Cancel

This block shows a modal dialog box overlaid on a table. The dialog has a title "The new value for max number of students", an input field, and two buttons: "Look up" and "Cancel". The background table is dimmed and shows the same data as the main image, with the first row highlighted.

Projects :-

Search: Type of project All ▼ Edit

Smart Traffic Control System

First project

Supervisor : Dr. Sufyan Samarah

Students :

- Ahmad Moshen

Supervisor : Dr. Samer Arandi

Students :

- Aisha Samer

Discreption :

This project aims to develop a smart traffic contr...see more

Report Demo

Smart Home Automation System

First project

Supervisor : Dr. Anas Tomeh

Students :

- Ali Arafat
- Ahmad Khalili

Discreption :

This project aims to develop a smart home automati...see more

Report Demo

Smart Arabic Speech Recognition System

First project

Supervisor : Dr. Manar Qamhiehi

Students :

- Sara Ali
- Ahmad Khattab
- Nour Ali

Discreption :

This project aims to develop a smart Arabic speech...see more

Report Demo

< 1/24 >

UnEdit

Smart Arabic Speech Recognition System

First project

✕

✎

Supervisor : Dr. Manar Qamhiehi

Students :

- Sara Ali
- Ahmad Khattab
- Nour Ali

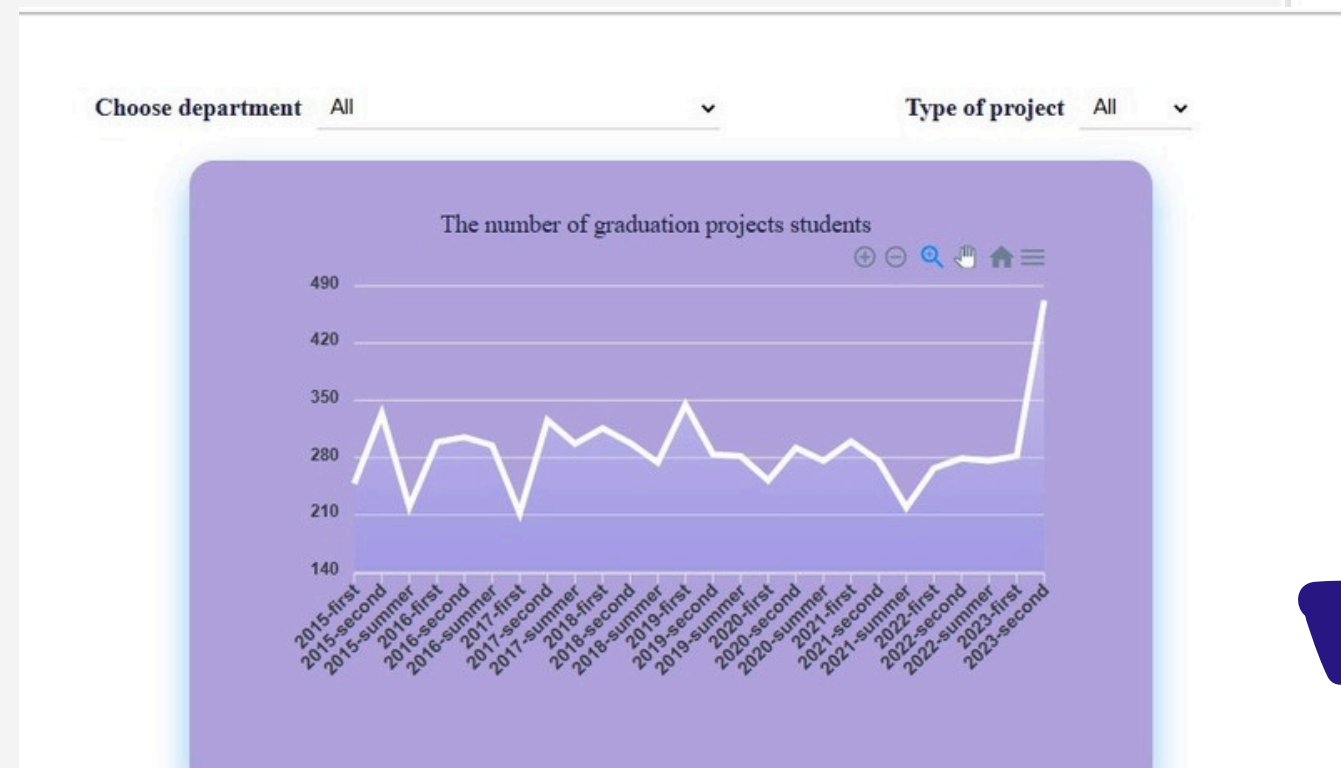
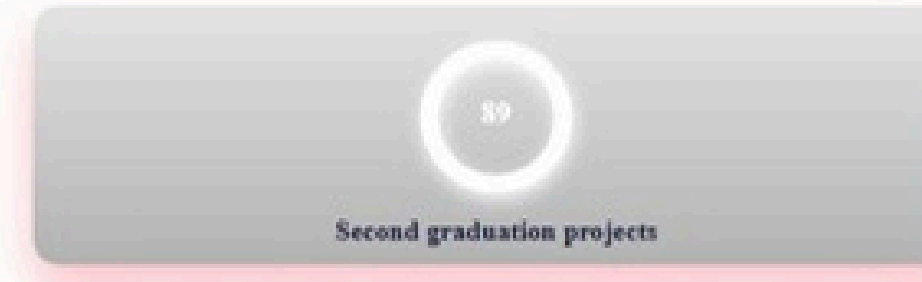
Discreption :

This project aims to develop a smart Arabic speech...see more

Dean



- MAIN
 - Dashboard
- LISTS
 - Supervisors
 - Projects
 - History
 - Reports
- USER INTERFACE
 - Change Password
 - Logout



The number of students' graduation projects during the semesters:

Let's Graduate

Supervisors:

Search:

Choose department **Materials Science Engineering** ▼

Supervisor Name	University Email	Department	number of students	Max number	Students name	Projects name
1 Dr. Ahmed Ali	ahmed.ali@university.edu	Materials Science Engineering	4	9	<ul style="list-style-type: none">• Mohammed Hassan• Nada Al-Hussein• Ahmed Abdel-Rahman• Fatima Ali	<ul style="list-style-type: none">• Development of new metal alloys for aircraft parts• Investigation of the mechanical properties of carbon fiber composites

Projects :

Search:

Choose department **All** ▼

Type of project **All** ▼

Development of a Smart Grid System

Electrical Engineering
First project

Supervisor : Dr. Sarah Ahmed

Students :

- Amal Khalid

Discreption :

This project aims to develop a smart grid system t...see more

Analysis of the performance of green roofs in hot climates

Construction Engineering
First project

Supervisor : Dr. Omar Saleh

Students :

- Raya Mohammed
- Kareem Ahmed

Discreption :

Green roofs are becoming increasingly popular as a...see

Smart Arabic Speech Recognition System

Computer Engineering
First project

Supervisor : Dr. Manar Qamhiehi

Students :

- Sara Ali
- Ahmad Khattab
- Nour Ali

Discreption :

This project aims to develop a smart

- Mohammed Hassan
- Nada Al-Hussein
- Ahmed Abdel-
- Machine Learning for

Click download to get a hard copy of all project information

Choose department



Choose the semester



Download pdf



Computer Engineering

The head of department: Dr. Manar Qamhieh

The Date: 6/3/2023

List of Projects 2023 second semester

Project: Automated Stock Trading System

Supervisors:

- Dr. Loai Malhis

Students:

- Ahmad Khader

- Nour Ali

- Sara Al-Safadi

Description: This project aims to develop an automated stock trading system using artificial intelligence (AI) algorithms. The system will be able to analyze market trends and make trading decisions based on predefined criteria, optimizing trading ...

Demo: <https://example.com/report>

Report: <https://example.com/report>

Type: first

Department: Computer Engineering

Project: Smart Parking System

Supervisors:

- Dr. Samer Arandi

Students:

- Fatima Al-Qadi

- Ali Khattab

- Yousef Ali

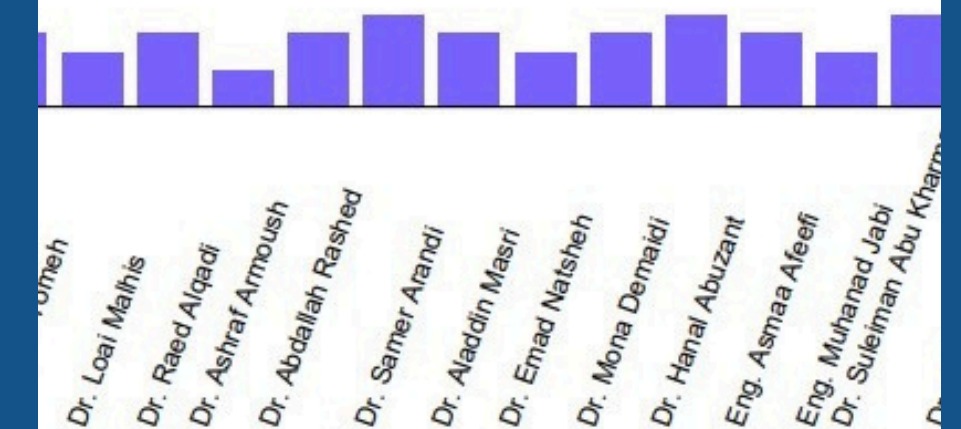
Description: This project aims to develop a smart parking system using internet of things (IoT) technologies. The system will be able to monitor parking spaces and provide real-time availability information to drivers, reducing traffic ...

Demo: <https://example.com/report>

Report: <https://example.com/report>

Type: first

Department: Computer Engineering



The number of projects for each supervisor

Let's Graduate

MAIN

 Dashboard

LISTS

 Supervisors

 Projects

 History

 Reports

USER INTERFACE

 Change Password

 Logout

Choose the type of information

Supervisors 

Choose the semester

2017 Summer Semester 

Supervisors:

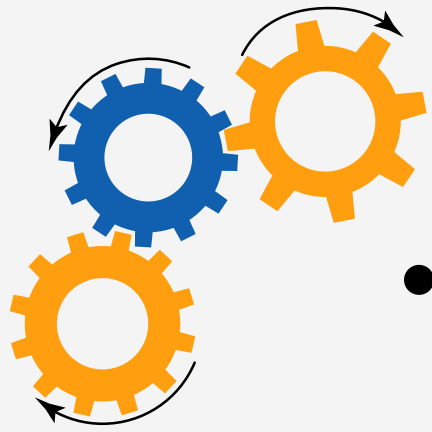
Search:

Choose department All 



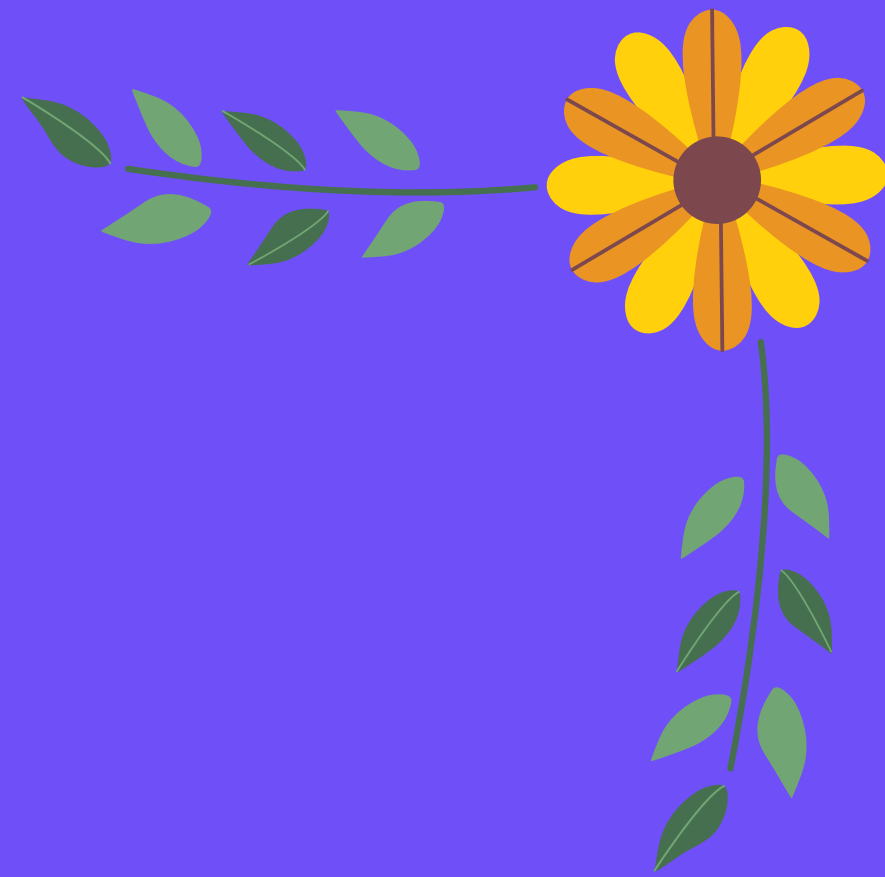
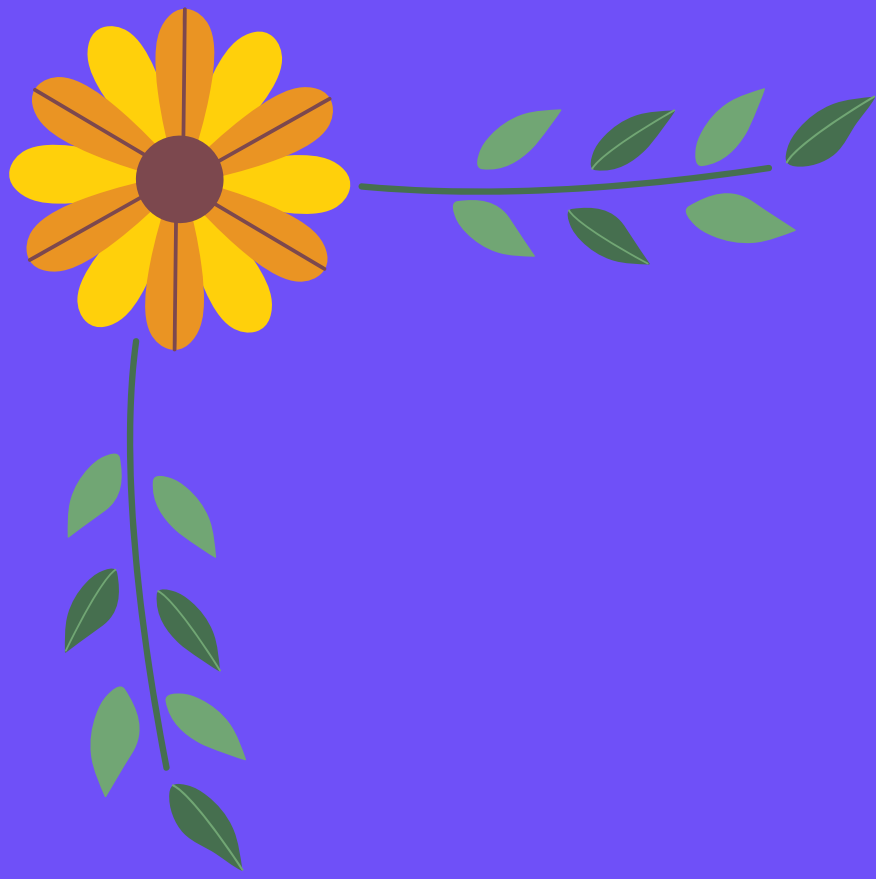
	Supervisor Name	University Email	Department	number of students	Max number	Students name	Projects name
1	Dr. Hala Mahmoud	hala.mahmoud@university.edu	Materials Science Engineering	8	9	<ul style="list-style-type: none">• Mohammed Hassan• Nada Al-Hussein• Ahmed Abdel-Rahman• Fatima Ali• Samer Mohammed• Aya Ahmed• Ali Abdel-Rahim• Hala Mustafa	<ul style="list-style-type: none">• Machine Learning for Materials Science• Optimization of the microstructure of metals using AI

FUTURE WORK



- expanding the project's scope to include other faculties and universities
- Integrate Let's Graduate and Moodle for seamless communication, task assignment, grading, and feedback.
- Align project ideas with students' skills, strengths, and interests to enhance motivation and success.





Thank you.

