



**COMSATS University Islamabad (CUI)**

**Project Document**

*For*

# **Student Society Portal**

*Submitted By*

**Fatima Tuzzahra      FA20-BCS-019**

**Hunia Nadeem      FA20-BCS-024**

**BCS-5A**

*Submitted to*

**Mr. Hasnain Iqbal**

***(Date of Submission: 13<sup>th</sup> January, 2023)***

## Table of Contents

<b>1. Introduction.....</b>	<b>1</b>
<b>2. Problem Statement.....</b>	<b>1</b>
<b>3. Actors .....</b>	<b>1</b>
<b>3.1 User.....</b>	<b>1</b>
<b>3.2 Admin.....</b>	<b>1</b>
<b>4. Modules.....</b>	<b>1</b>
<b>Module 1: Admin Profile Management.....</b>	<b>2</b>
<b>Module 2: Volunteer Registration .....</b>	<b>2</b>
<b>Module 3: Executive Management .....</b>	<b>2</b>
<b>Module 4: Volunteer Management .....</b>	<b>3</b>
<b>Module 5: Event Planning .....</b>	<b>3</b>
<b>Module 6: Notice Board Management.....</b>	<b>3</b>
<b>Module 7: FAQ Chatbot .....</b>	<b>3</b>
<b>Module 8: Help and Support.....</b>	<b>4</b>
<b>5. Use Case Diagram .....</b>	<b>5</b>
<b>Figure 1: Admin Use case Diagram .....</b>	<b>5</b>
<b>Figure 2: User Use case Diagram.....</b>	<b>6</b>
<b>6. Tools and Technologies.....</b>	<b>6</b>
<b>Table 1: Tools and Technologies for Student Society Portal.....</b>	<b>6</b>
<b>7. Team Members Work Division.....</b>	<b>7</b>
<b>Table 2: Team Member Work Division the Targeted Project. ....</b>	<b>7</b>
<b>8. User Interface .....</b>	<b>7</b>
<b>9. Project Link.....</b>	<b>14</b>

# 1. Introduction

The Student Society Portal provides a central hub for information for current and potential members of a student society, as well as the executives of that society. The website aims to facilitate communication and organization within the student society community by providing a platform to share information about their events, activities, and accomplishments. It also serves as a way for societies to connect with each other and collaborate on projects and events.

In addition to serving as a resource for student societies, it also aims to promote engagement and involvement within the student body by showcasing the diverse range of teams and activities available to students. It helps the executives of the society to manage the student body in an organized and planned manner.

## 2. Problem Statement

Managing and organizing the internal and external affairs of a society can be a tedious job for a Society's Executives if they don't have a proper platform. Students interested in joining a student society or learning about it on campus have to navigate multiple sources of information, which can be time-consuming and confusing. This can also make it harder for the society to do its self-marketing, recruit new members and promote their events.

Therefore, a central, comprehensive resource for information about a student society is a primary need for any student body. It will serve as a platform for a society to manage its resources and team, share information about their events and activities, and provide a way for the students and other societies to directly connect with them for collaborations or solving any query. It will also make it easier for the societies to recruit new members as the students will have a single platform where they can see if the society aligns with their interests and then getting themselves registered right there and then.

## 3. Actors

### 3.1 User

These will be simple users or registered volunteers of the society who will view the website to keep themselves updated with the upcoming society's events, current society's executive team's hierarchy and other general information of the society. Users can also, register themselves as society's volunteers by filling an online registration form available on the website.

### 3.2 Admin

These will be the executive members of the society who will login into the admin panel to manage and maintain information of their volunteers, executives, events and website.

## 4. Modules

The major modules for "Student Society Portal" are listed below:

## Module 1: Admin Profile Management

This module focuses on account creation and management of society's executives. After signing into their accounts, they can

- **Log In**  
The admins will log in to their accounts when they want to access the admin panel
- **Forget Password**  
If the admins forget their passwords, they can request for a new one by entering their email.
- **View Profile**  
The admins will be able to view their personal account information.
- **Update Profile**  
The admins will be able to edit their personal account information.
- **Change Password**  
If the admins want to change their passwords, they can request for a new one by entering their email after logging in.
- **Logout**  
The users can logout from their accounts in the application.

## Module 2: Volunteer Registration

This module focuses on the registration of new volunteers into the volunteers' directory.

- **Fill Registration Form**  
The users can fill a registration form to get themselves registered as society's volunteers. The admins will receive these registrations form.
- **Accept Application**  
The admins can accept the application.
- **Reject Application**  
The admins can reject the application
- **Send Application Status Email**  
When admin accepts or rejects the application, an email is sent to the registered user's email.

## Module 3: Executive Management

This module manages the society's executives' information that is displayed on the website.

- **Update Executive**

The admin can update existing executive's information.

➤ **Update Team Lead**

The admin can update existing team lead's information.

## **Module 4: Volunteer Management**

This module manages the society's volunteers' information.

➤ **Remove Volunteer**

The admin can remove an existing volunteer.

➤ **Update Volunteer**

The admin can update existing volunteer's information.

## **Module 5: Event Planning**

This module manages the semester schedule of the society. The admin can add events beforehand and then manage them accordingly.

➤ **Add Event**

The admin can add an upcoming planned event to event's directory.

➤ **Remove Event**

The admin can remove an existing planned event.

➤ **Update Event**

The admin can update existing planned event.

## **Module 6: Notice Board Management**

This portal manages the notice board displayed on the website. The admin can dispatch events and notifications to it.

➤ **Add Notification to Notice Board**

The admin can add a new notification on the noticeboard

➤ **Remove Notification from Notice Board**

The admin can remove an existing notification on the noticeboard.

➤ **Update Notification on Notice Board**

The admin can update existing notification on the noticeboard.

## **Module 7: FAQ Chatbot**

This module will help the users get their queries solved instantly using an AI operated Chatbot.

➤ **Chat with Chatbot**

Any user can chat with the Chatbot to get their queries answered.

## **Module 8: Help and Support**

This module will help the users to contact the executives of the society and send their feedbacks.

➤ **Contact Society's Executive**

The users can send an email directly from the website to the society's official email to send feedbacks, or any questions.

## 5. Use Case Diagram

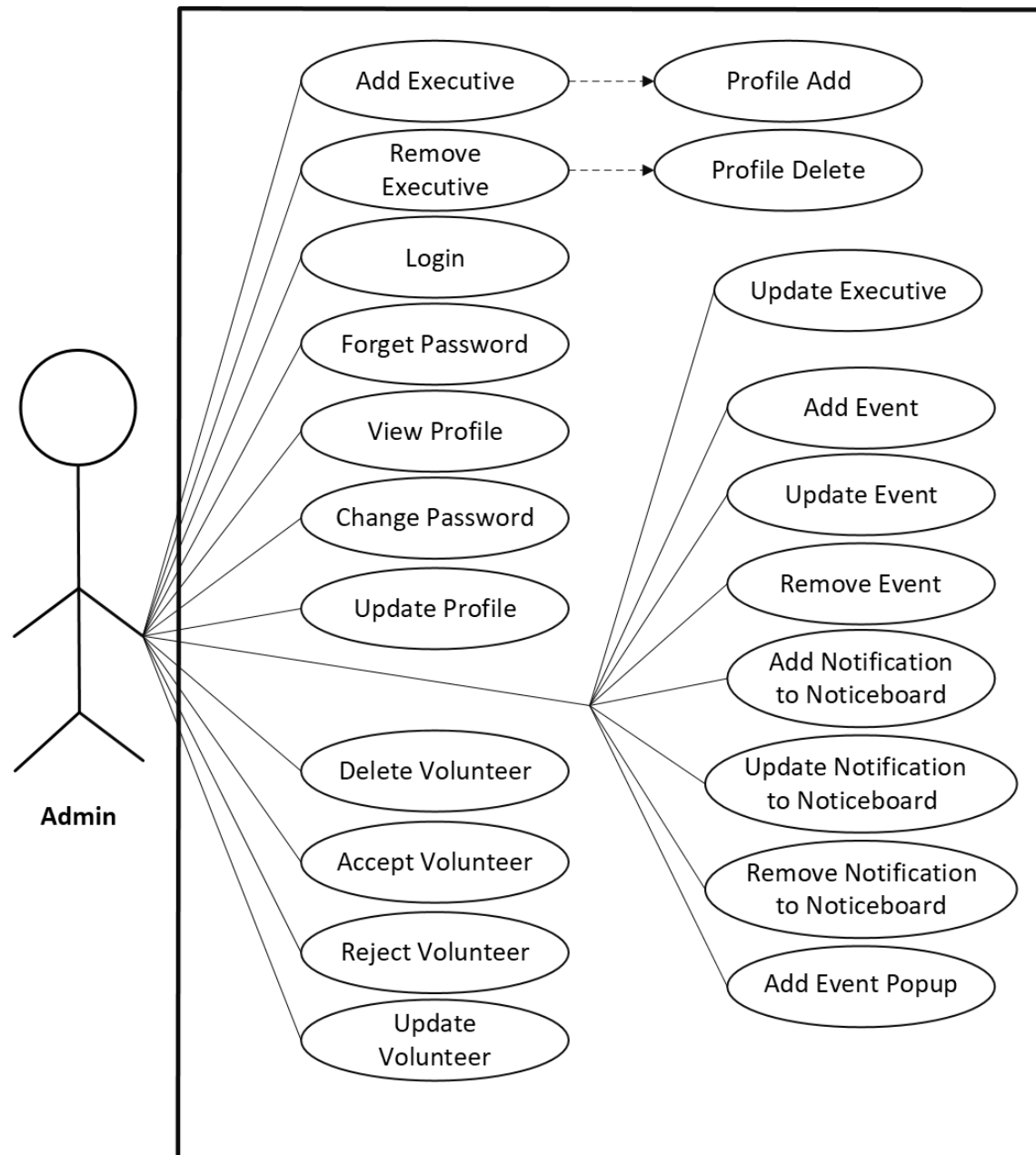
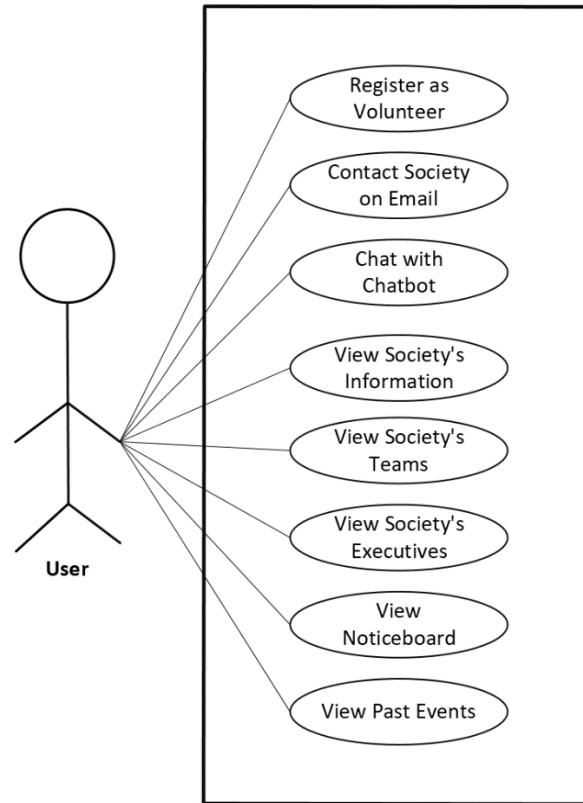


Figure 1: Admin Use case Diagram



**Figure 2: User Use case Diagram**

## 6. Tools and Technologies

**Table 1: Tools and Technologies for Student Society Portal**

Tools	Tools	Version	Rationale
	MS Visual Studio Code	2019	IDE
	Adobe Photoshop	2019	Design Work
	MS Word	2013	Documentation
	Xampp	8.1.12	Server
	Technology	Version	Rationale
Technologies	Html	5	Frontend Development
	CSS	3	Frontend Development
	Bootstrap	5	Frontend Development
	JavaScript	2022	Frontend Development
	PHP	4.4	Backend Development
	MySQL	5.0	Database



## 7. Team Members Work Division

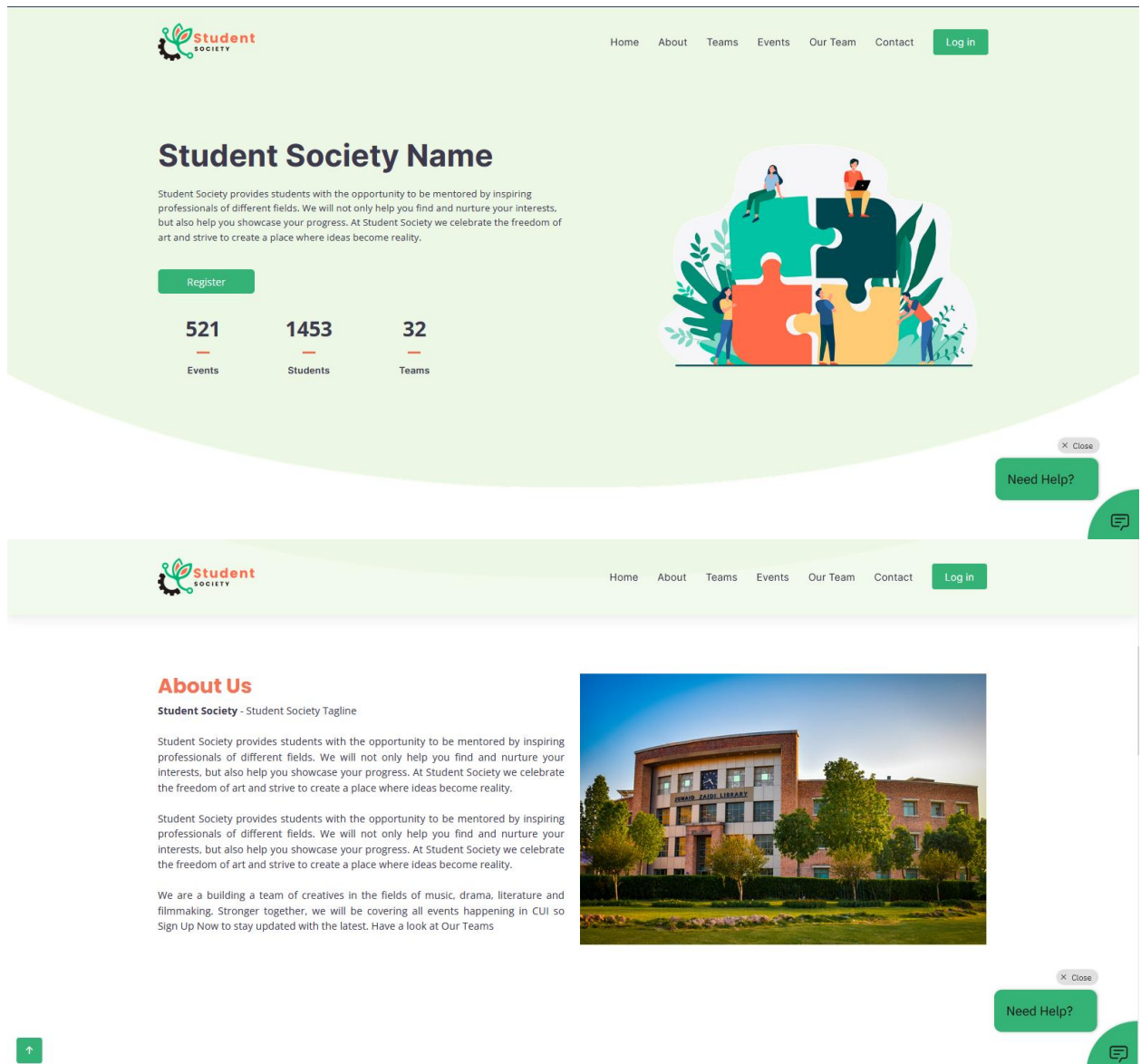
**Table 2: Team Member Work Division the Targeted Project.**


Student Name	Student Registration Number	Responsibility/ Modules
• <b>Fatima Tuzzahra</b>	• <b>FA20-BCS-019</b>	Frontend, Documentation, Backend, Chatbot Training
• <b>Hunia Nadeem</b>	• <b>FA20-BCS-024</b>	Backend, Documentation, Frontend, Chatbot Training

## 8. User Interface

The mockups of the project are given below:


## 8.1 User






[Home](#)
[About](#)
[Teams](#)
[Events](#)
[Our Team](#)
[Contact](#)
[Login](#)

## OUR TEAMS




### CONTENT WRITING

The team is responsible for creating engaging and informative written content that represents and promotes the organization. They work closely with the media team to ensure that all written content is cohesive and aligned with the organization's mission and message.




### MEDIA

The team captures and creates visual stories, memories and moments of the organization through photographs and videos. They work closely with the media team to create cohesive and aligned visual content that represents and promotes the organization.




### GRAPHIC DESIGNING

The team is responsible for creating visually appealing designs, layouts and graphics that align with the organization's mission, values and message. They are skilled in using design software and tools to create a cohesive visual brand identity for the organization.



[Home](#)
[About](#)
[Teams](#)
[Events](#)
[Our Team](#)
[Contact](#)
[Login](#)

## NOTICE BOARD

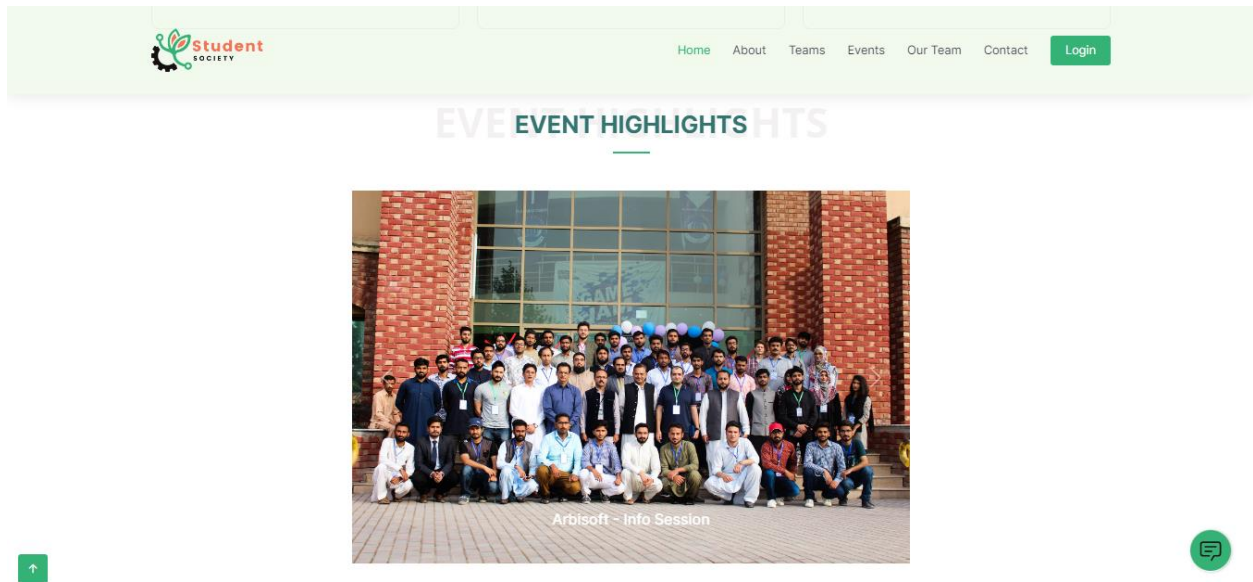


### DEVOPS WORKSHOP

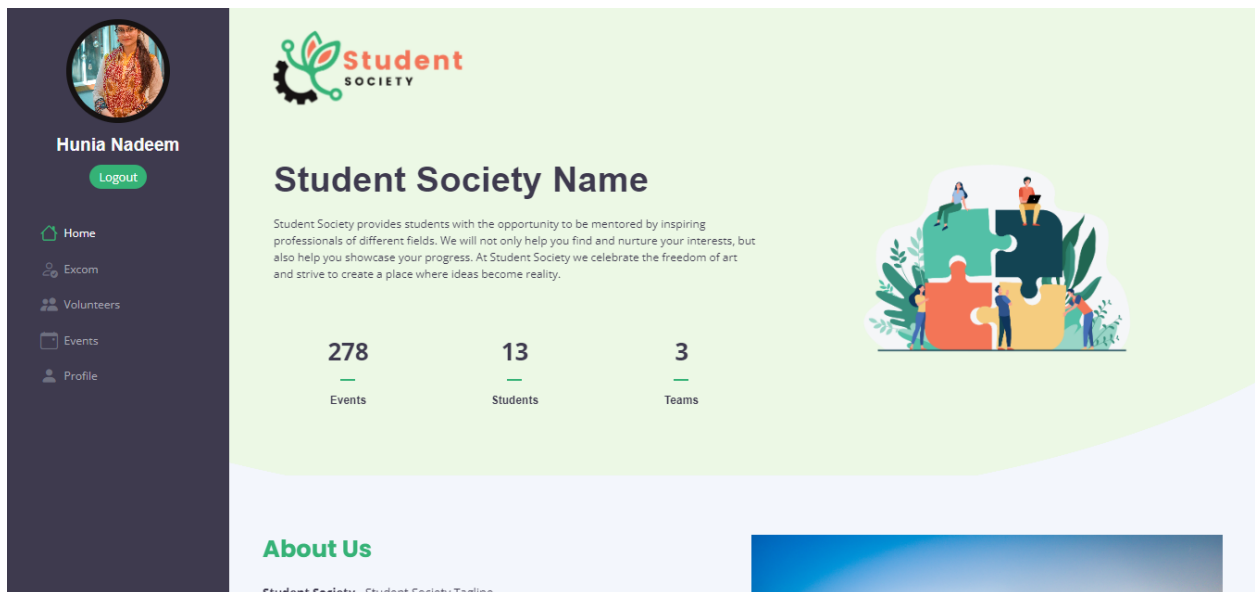
**TIME: 11:00 AM**


**VENUE: EE SEMINAR HALL**

Interactive and informative workshop on DevOps



## 8.2 Admin





**Hunia Nadeem**

Logout

- Home
- Excom
- Volunteers
- Events
- Profile

## Pending Applications

NAME: EMMA NEIL

Registration Number: FA19-BCS-033


Team: Media

See Full Response

## Volunteer Data

Search:

Full Name	Registration Number	Email	Contact	Team	Action
Afnan Khan	FA21-BAF-098	afnan@gmail.com	+923098744579	Media	Update Delete
Ahmed Ali	FA20-BCS-032	ahmed@gmail.com	+923454322123	Graphics	Update Delete



**Hunia Nadeem**

Logout

- Home
- Excom
- Volunteers
- Events
- Profile

## Pending Applications

## Volunteer Application

Go back

Full Name

Emma Neil

Registration Number

FA19-BCS-033

Email Address

emma@yahoo.com

Contact Number

03325396542

Please Select a Team

Media

Why do you think you will be a good fit here?

ededw

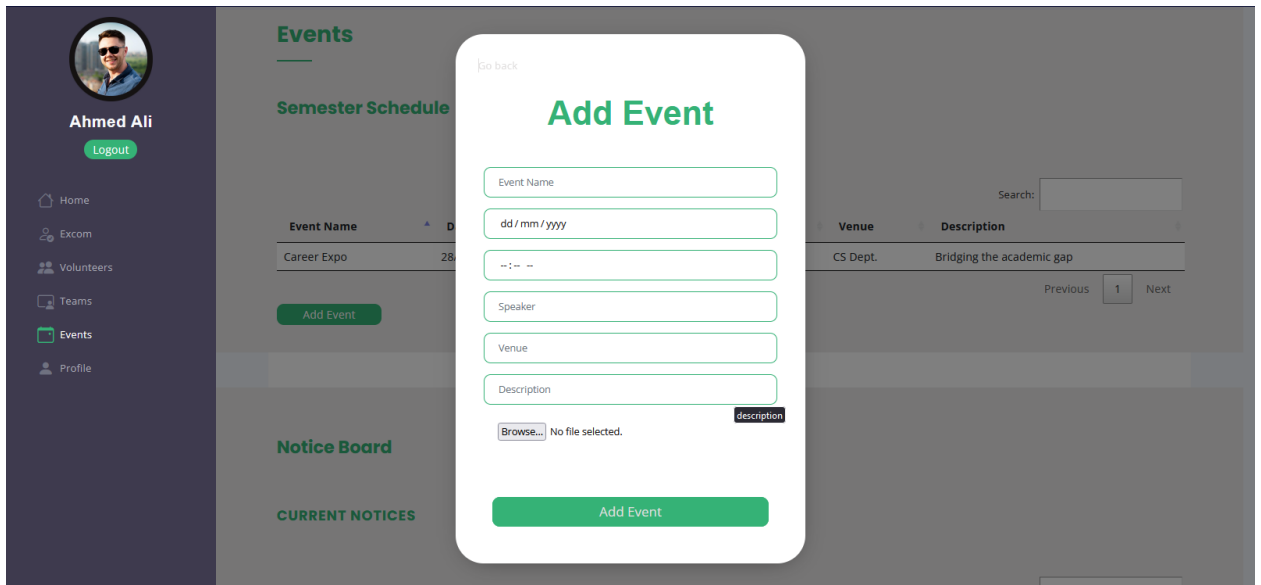
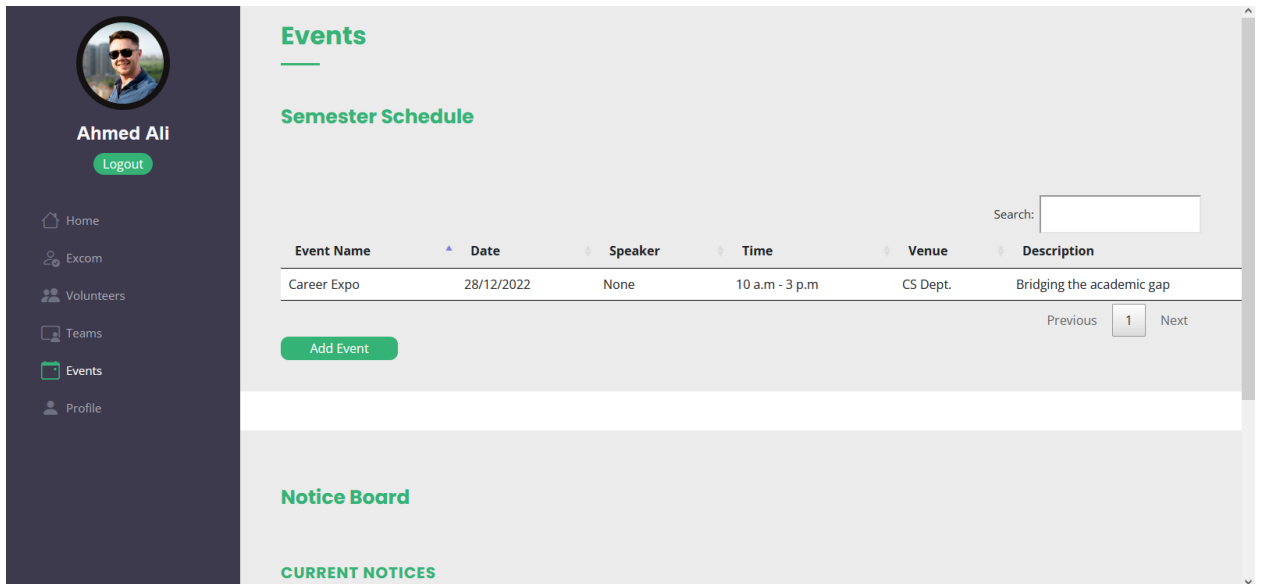
Accept


Reject

## Volunteer Data

Search:

Full Name	Registration Number	Email	Contact	Team	Action
Afnan Khan	FA21-BAF-098	afnan@gmail.com	+923098744579	Media	Update Delete
Ahmed Ali	FA20-BCS-032	ahmed@gmail.com	+923454322123	Graphics	Update Delete





**Hunia Nadeem**

Logout

- Home
- Excom
- Volunteers
- Events**
- Profile

## Events

### Semester Schedule


Search:

Event Name	Date	Speaker	Time	Venue	Description	Action
Devops Workshop	15/02/2023	Sir Qasim Malik	11:00 am	EE Seminar Hall	Interactive and informative workshop on DevOps	<a href="#">Update</a> <a href="#">Delete</a>
Ice Breaking Ceremony	26/01/2023	Society Excom	10:30 am	G08	An Ice Breaking Session for the new volunteers	<a href="#">Update</a> <a href="#">Delete</a>

[Add Event](#)

[Previous](#)
1
[Next](#)

## Notice Board



**Hunia Nadeem**

Logout

- Home
- Excom
- Volunteers
- Events**
- Profile

## Events

### Semester Schedule

Search:

Event Name	Date	Speaker	Time	Venue	Description	Action
Devops Workshop	15/02/2023	Sir Qasim Malik	11:00 am	EE Seminar Hall	Interactive and informative workshop on DevOps	<a href="#">Update</a> <a href="#">Delete</a>
Ice Breaking Ceremony	26/01/2023	Society Excom	10:30 am	G08	An Ice Breaking Session for the new volunteers	<a href="#">Update</a> <a href="#">Delete</a>

[Add Event](#)

[Previous](#)
1
[Next](#)


## Notice Board

Go back:

## Add Event

No file chosen

[Add Event](#)



**Hunia Nadeem**


Logout

- Home
- Excom
- Volunteers
- Events
- Profile


### Event Highlights

Upload Event Highlights:


No file chosen






EXPO




INTERVIEWS



ARBISOFT - INFO SESSION




**Hunia Nadeem**

Logout

- Home
- Excom
- Volunteers
- Events
- Profile

### Account Setting

#### Account settings



**Profile Photo**

Accepted file type: .jpg/.png.

No file chosen

Full Name

Registration Number

Email Address

Phone Number

Position

## 9. Project Link

Link to our project:

[https://drive.google.com/drive/folders/1hpFDB7HZtNtBd2ttdkCTNH5X6Sf1XvT?usp=share\\_link](https://drive.google.com/drive/folders/1hpFDB7HZtNtBd2ttdkCTNH5X6Sf1XvT?usp=share_link)