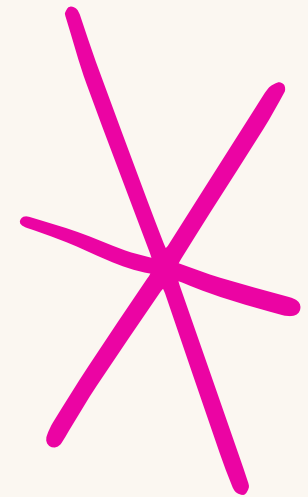


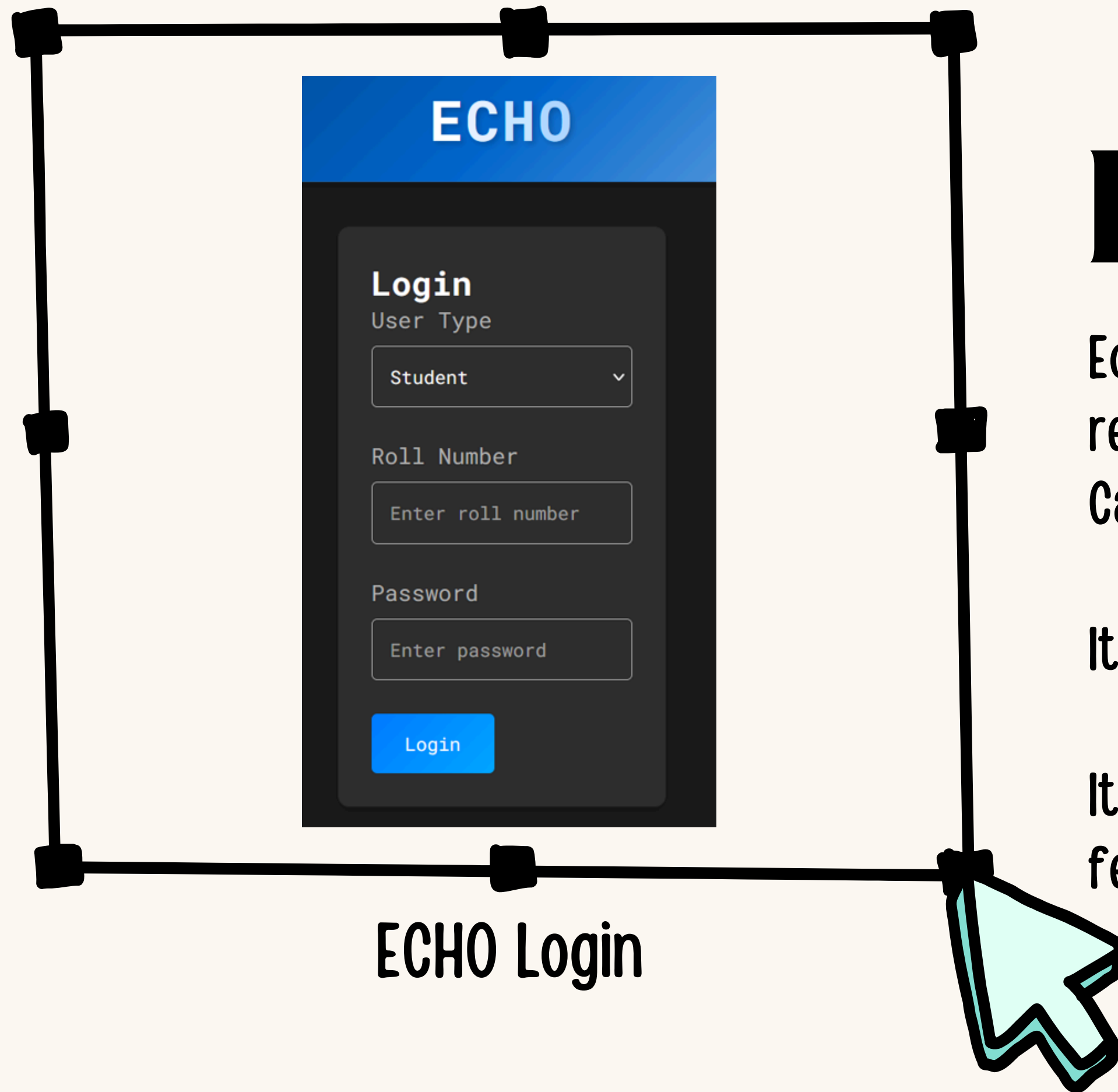
FAST NU ECHO





Contents

- 
1. Introduction
 2. Architecture
 3. Project Planner
 4. User Stories
 5. Testing
 6. Further Improvements
 7. Conclusion
- 
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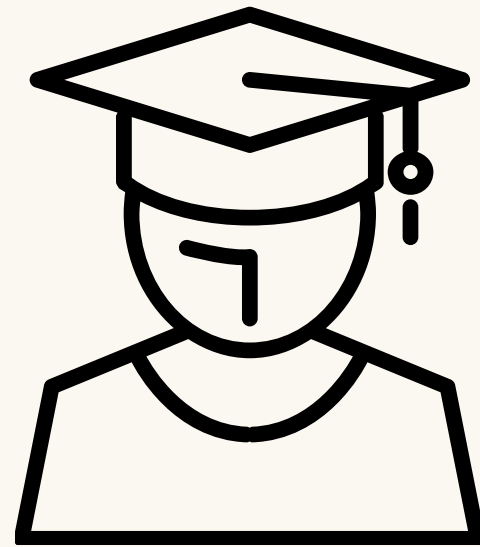
Introduction

Echo is an app that automates all functions related to student societies in FAST Islamabad Campus.

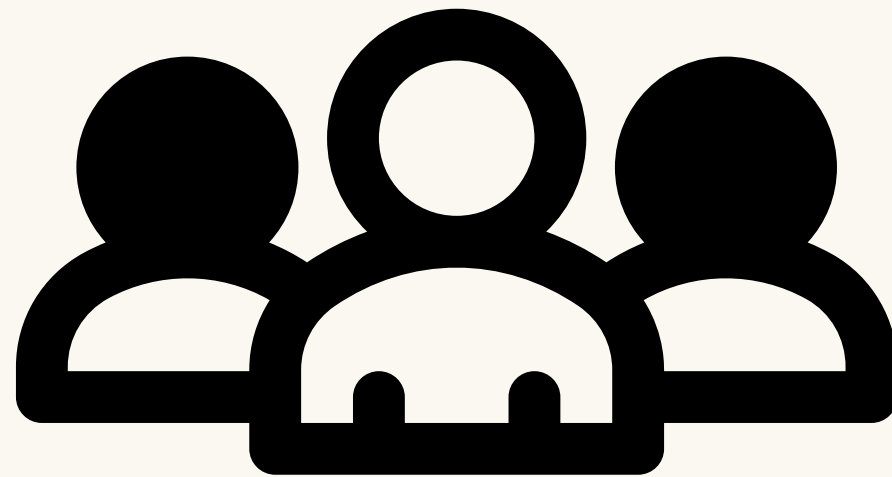
It has 3 actors: Students, Societies & Admins.

It also acts as a social media app with features like posts & comments.

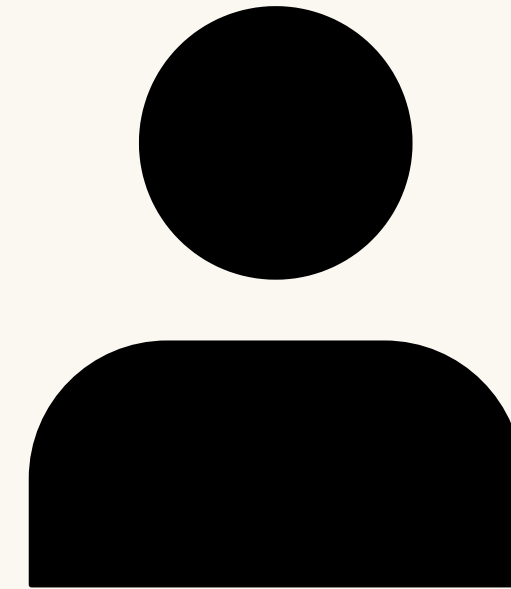
ACTORS



STUDENTS



SOCIETIES



ADMINISTRATORS

► PROJECT ARCHITECTURE

3 - Tier Architecture

PRESENTATION
(SERVER)



APPLICATION
(CLIENT)



DATABASE



PROJECT PLANNERS

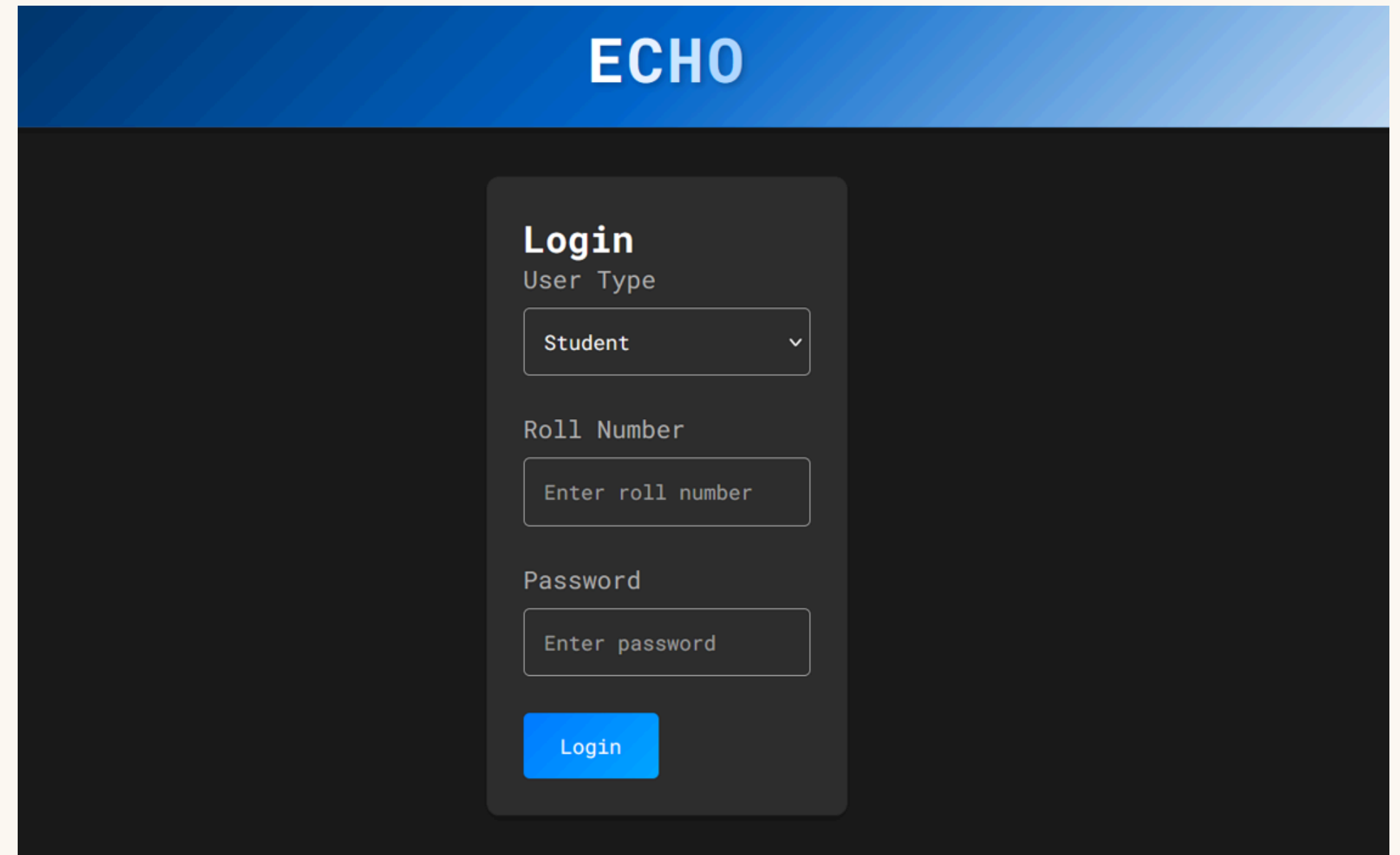
Date	Backlog Item	Task	Assignee
March 13	User Story 1	Login/Signup	Hamza
March 14	User Story 2	Comment on a post	Murtaza
March 15	User Story 3	Moderate comments	Murtaza
March 16	User Story 4	Delete comment	Hamza
March 17	User Story 5	Check application status	Hamza
March 18	User Story 6	Cancel application	Murtaza
March 19	User Story 7	Manage applications	Hamza
March 20	User Story 8	Leaving confirmation	Ataa
March 21	User Story 9	Member history tracking	Ataa

Date	Backlog Item	Task	Assignee
April 16	User Story 10	Edit post	Ataa
April 17	User Story 11	Delete post	Murtaza
April 18	User Story 12	Remove post	Murtaza
April 19	User Story 13	Attach file to post	Murtaza
April 20	User Story 14	Update profile picture	Hamza
April 21	User Story 15	Update bio	Hamza
April 22	User Story 16	Change password	Hamza
April 23	User Story 17	Schedule announcement	Ataa
April 24	User Story 18	Assign roles	Ataa

Date	Backlog Item	Task	Assignee
May 1	User Story 20, 21, 23	Venue bookings	Hamza
May 2	User Story 19	View role in society	Murtaza
May 3	User Story 22	Receive reminders	Murtaza
May 4	User Story 24	View list of societies	Hamza

USER STORY 1

As a user, I want to securely log in or sign up with email/password, so that I can access the platform with role-based permissions.



The screenshot displays the login page for a system named 'ECHO'. The page has a dark theme with a blue header bar at the top containing the word 'ECHO' in white. The main content area is dark gray. A central white box contains the login form. The form is titled 'Login' in bold. Below the title is a 'User Type' label followed by a dropdown menu currently showing 'Student'. Below this is a 'Roll Number' label followed by a text input field with the placeholder 'Enter roll number'. Below that is a 'Password' label followed by a text input field with the placeholder 'Enter password'. At the bottom of the form is a blue button labeled 'Login'.

ECHO

Login

User Type

Student

Roll Number

Enter roll number

Password

Enter password

Login

USER STORY 2

As a student, I want to comment on a post so that I can express my opinion.

Recent Posts

Post

We have assigned leadership roles! Ahmed for President and Ayesha for Vice President!

Comments

Fatima: yay!

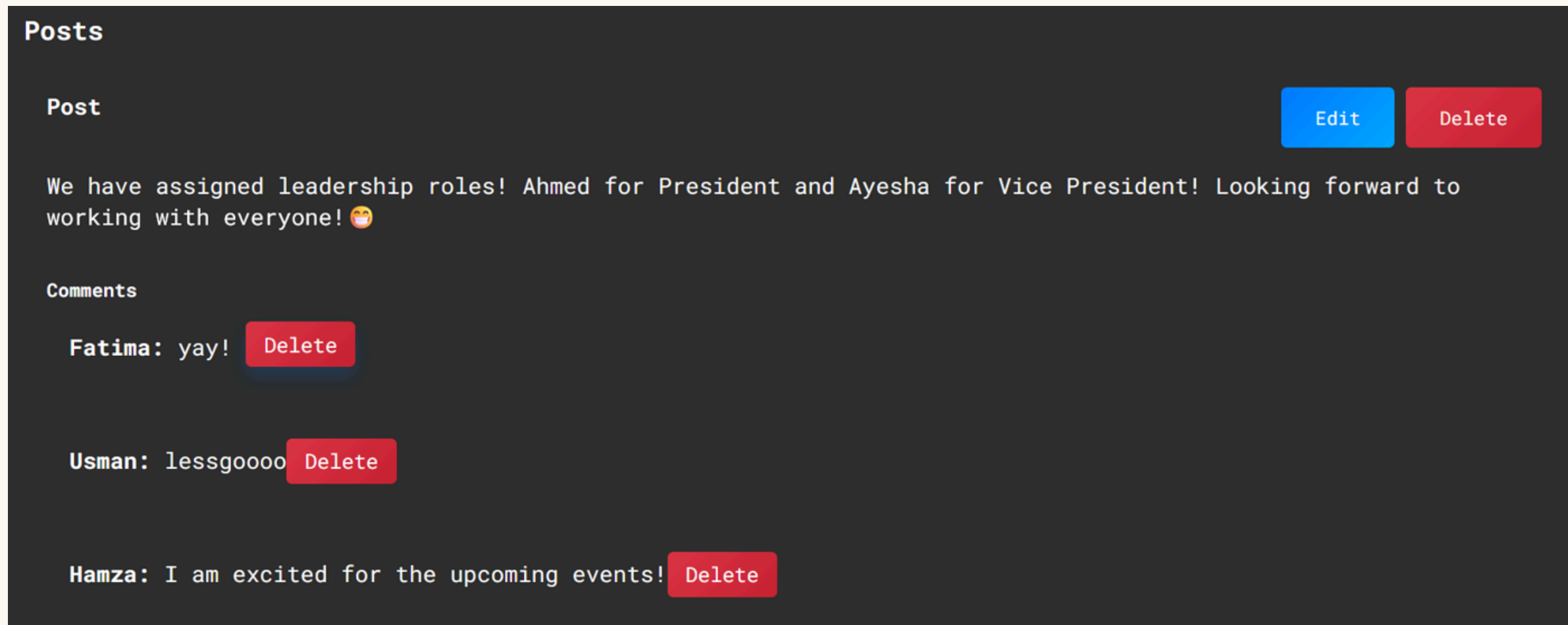
Usman: lessgoooo

I am excited for the upcoming events!

Comment

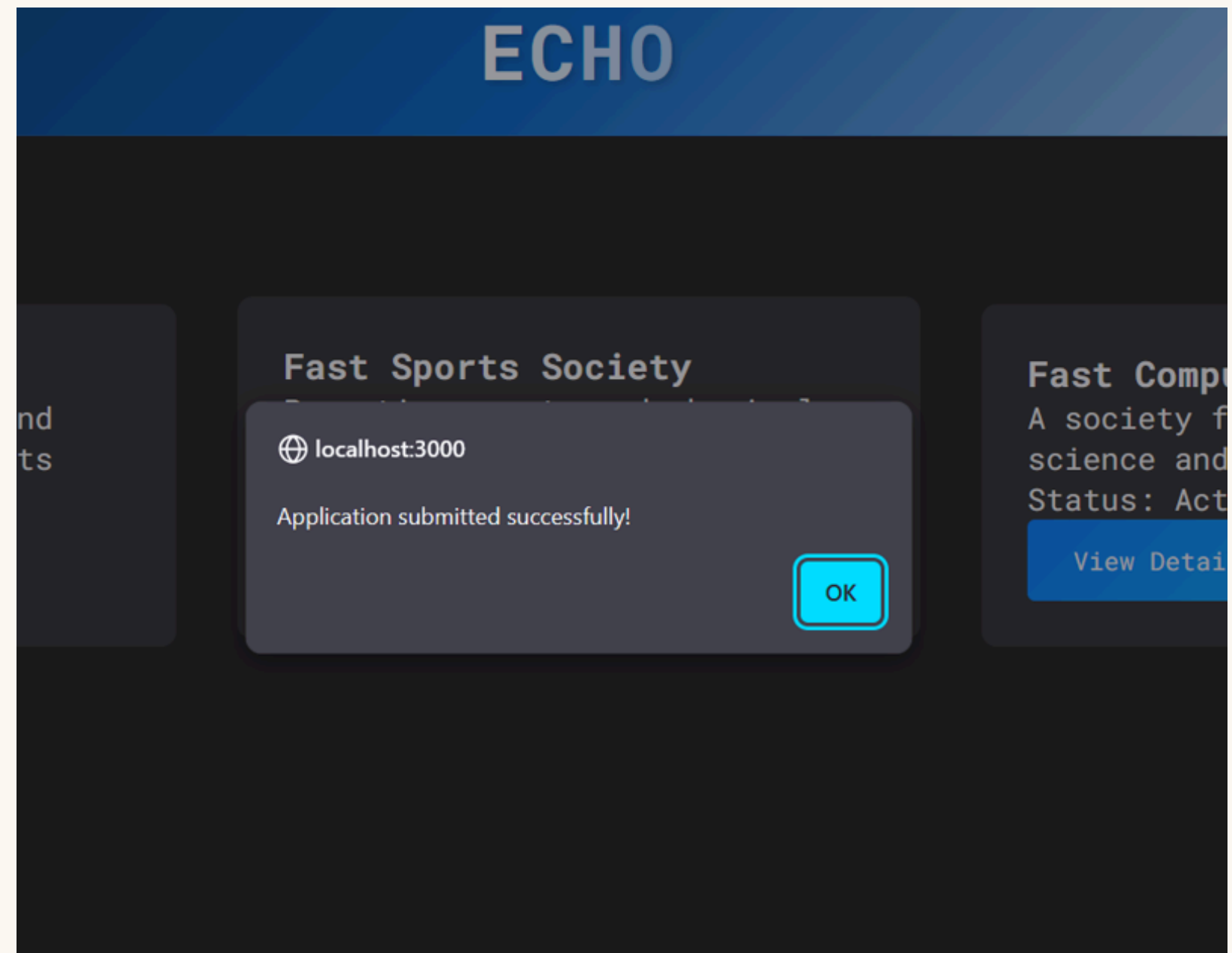
USER STORY 3

As a society, I want to moderate comments on my posts so that I can ensure only appropriate content is displayed.



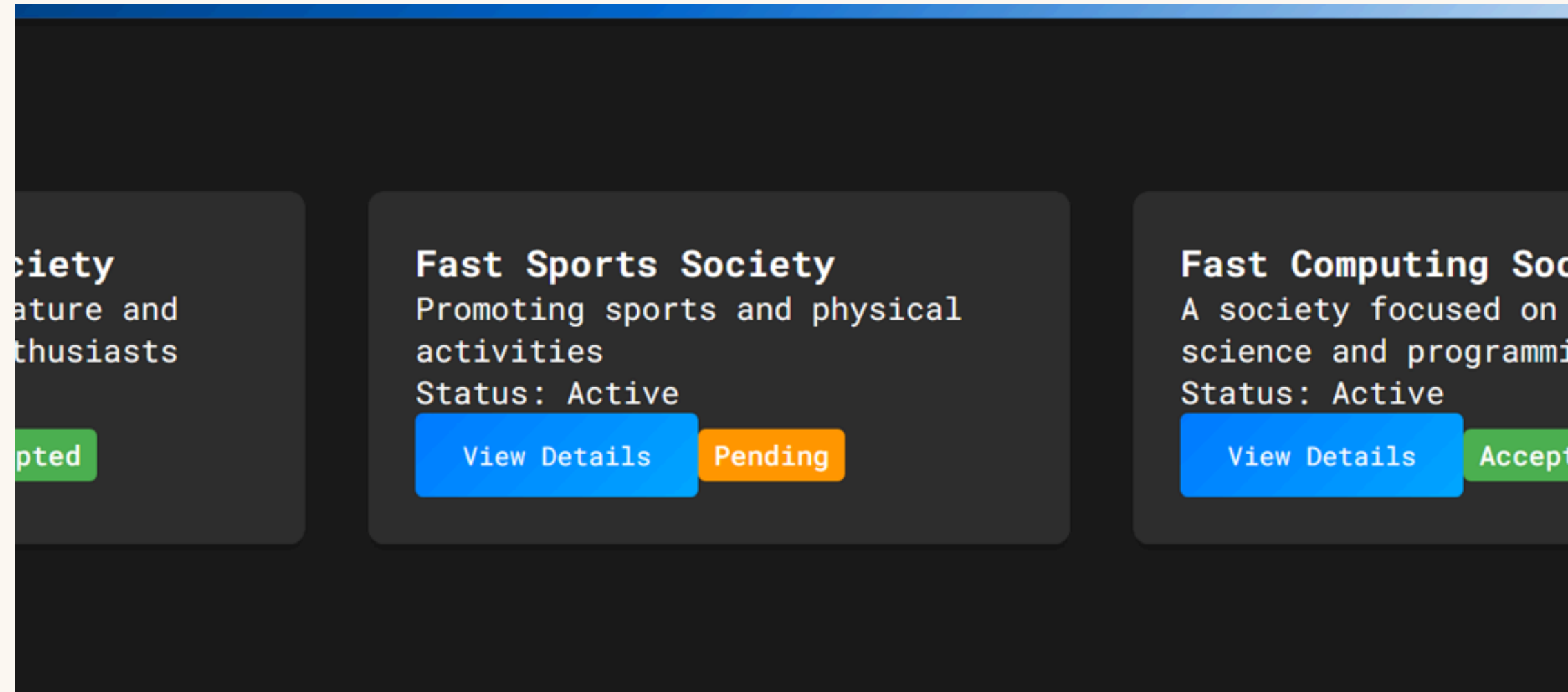
USER STORY 4

As a student, I want to delete my comment so that I can remove outdated or unnecessary remarks.



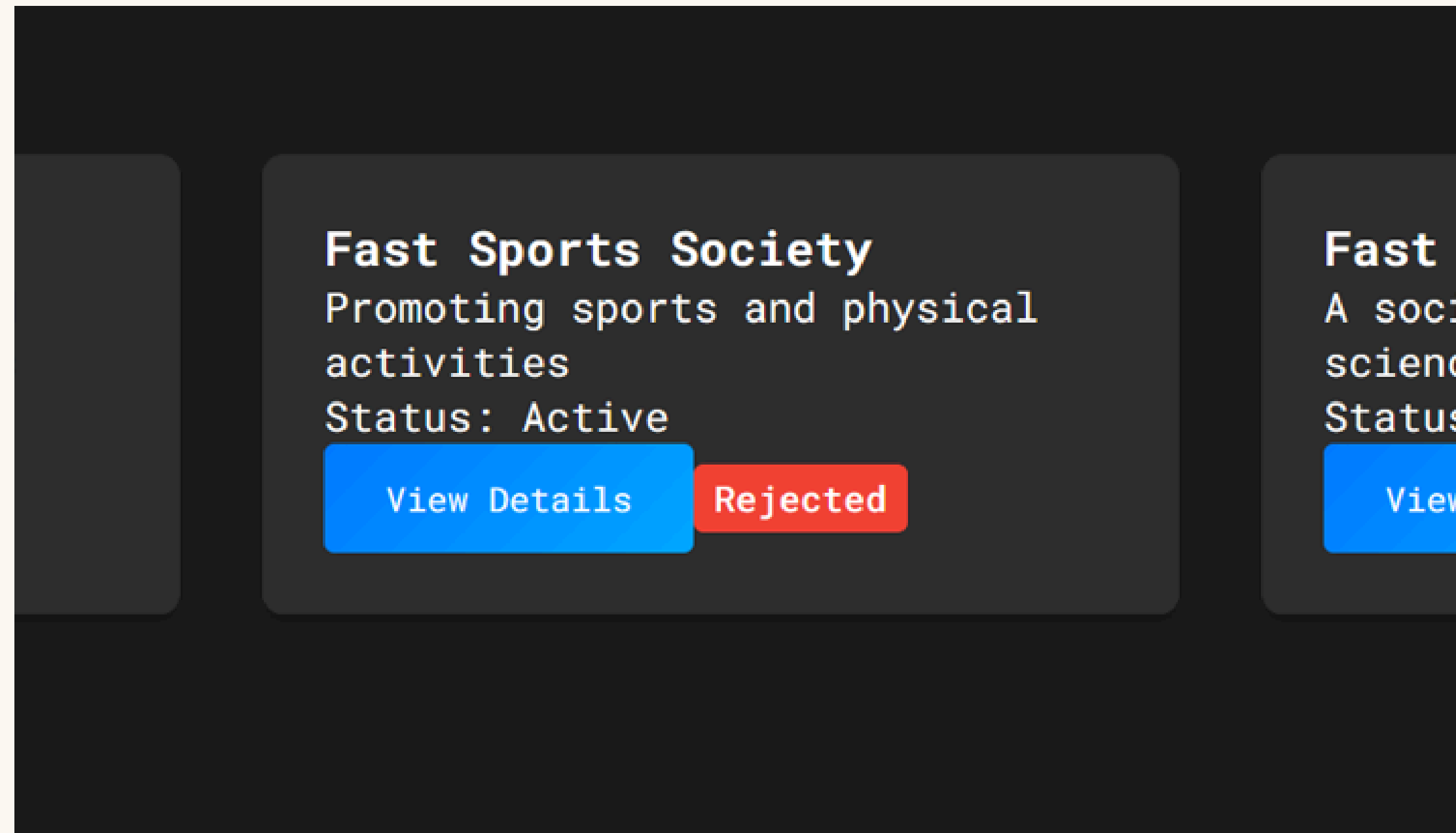
USER STORY 5

As a student, I want to check my application status so that I know if I've been accepted.



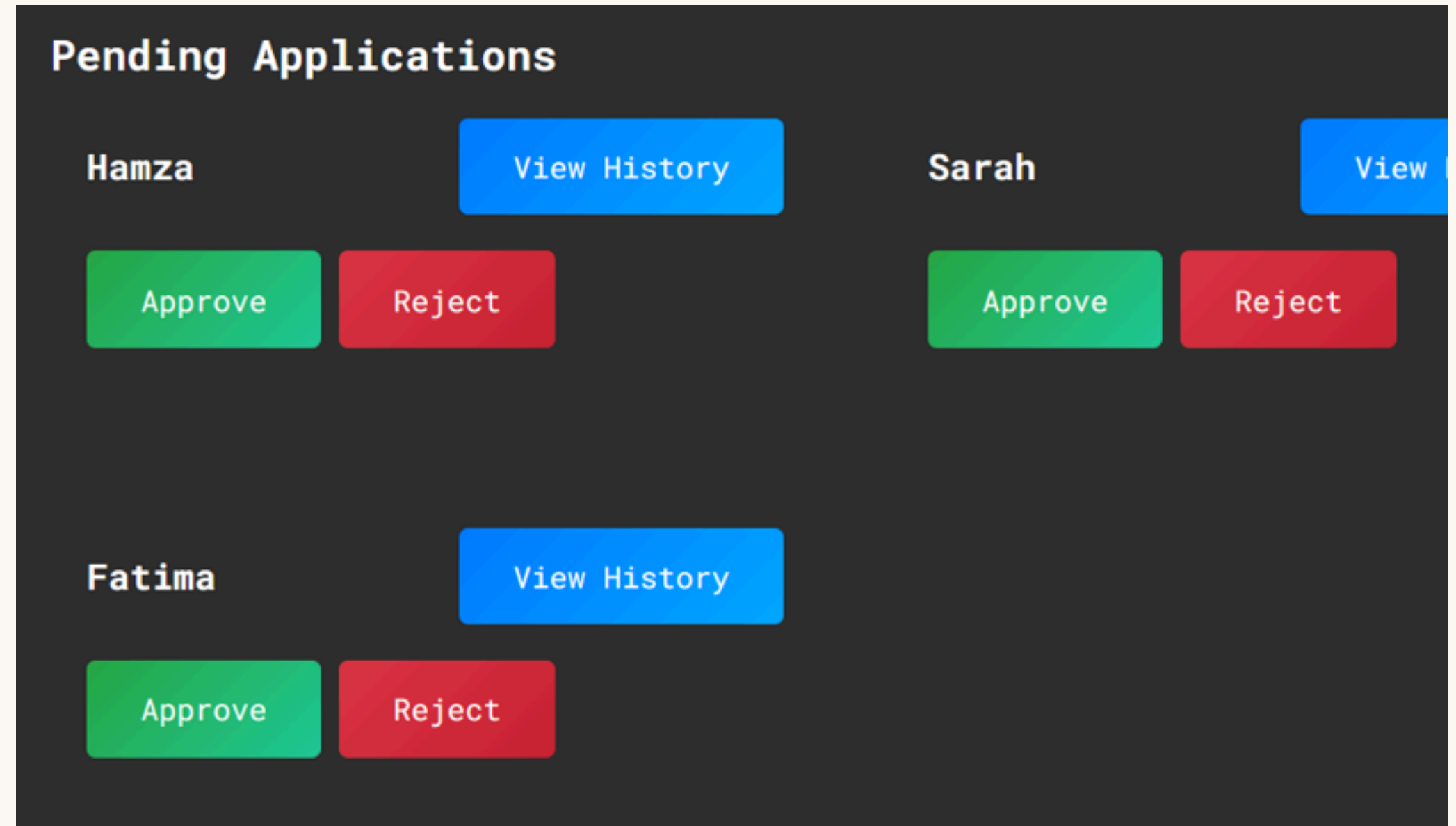
USER STORY 6

As a student, I want to cancel my application so that I can apply elsewhere or change my mind.



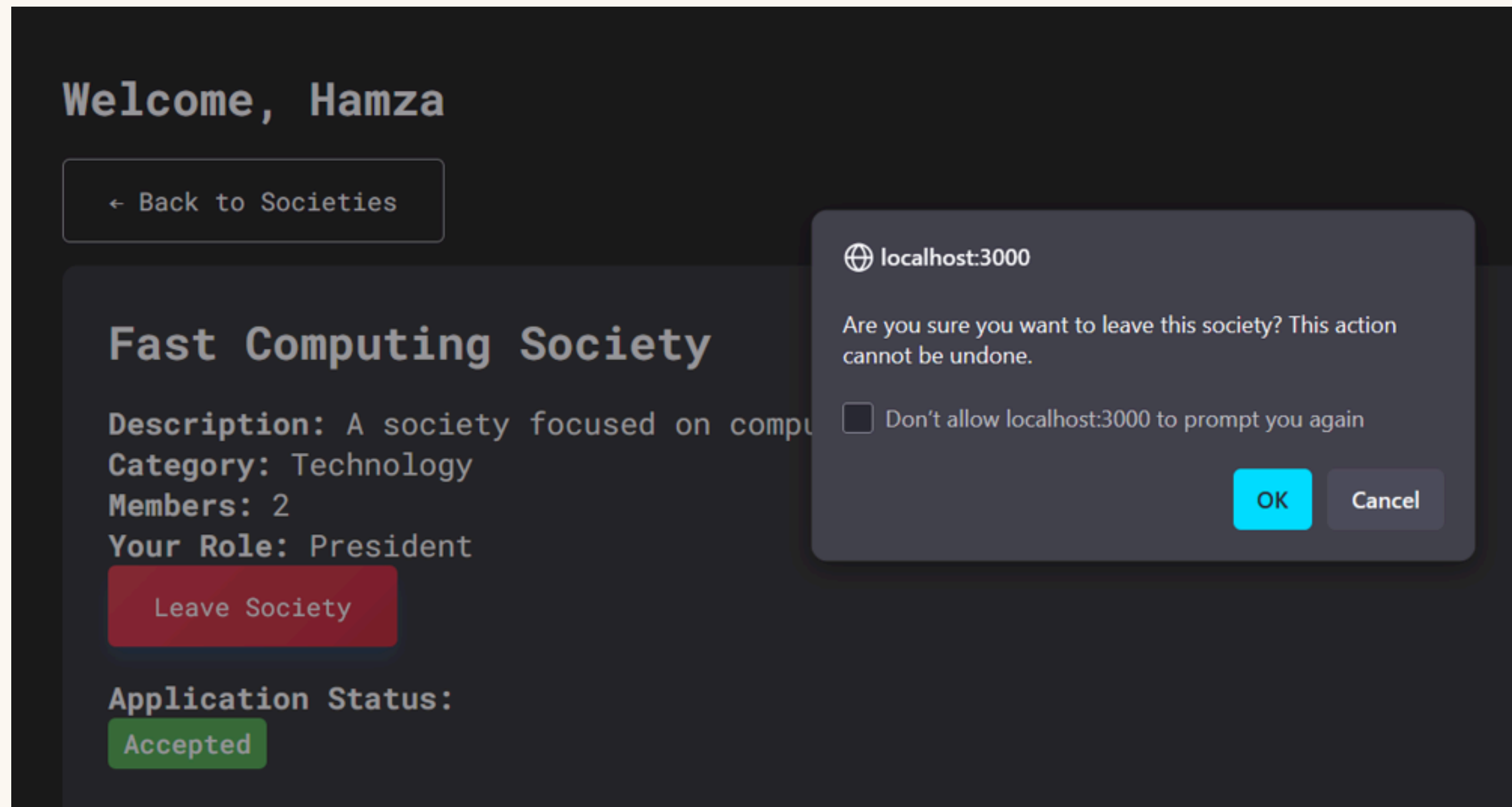
USER STORY 7

As a society, I want to review and approve/reject membership applications so that I control who joins.



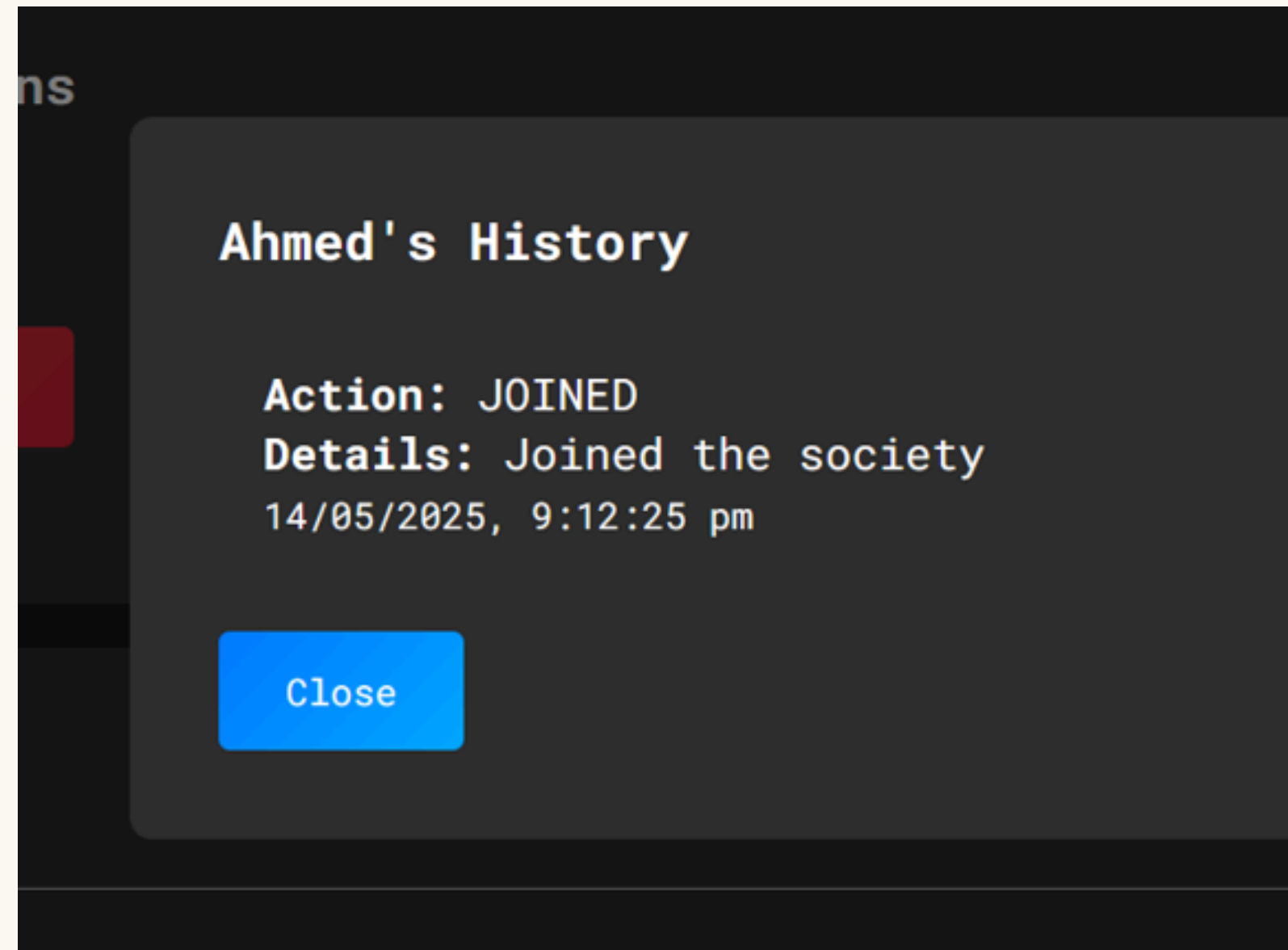
USER STORY 8

As a student, I want to receive a confirmation prompt before leaving a society so that I don't leave by mistake.



USER STORY 9

As a society, I want to track the history of members who left so that I can maintain records.



USER STORY 10

As a student/society, I want to edit a post after publishing so that I can fix mistakes or update information.

Posts

Post

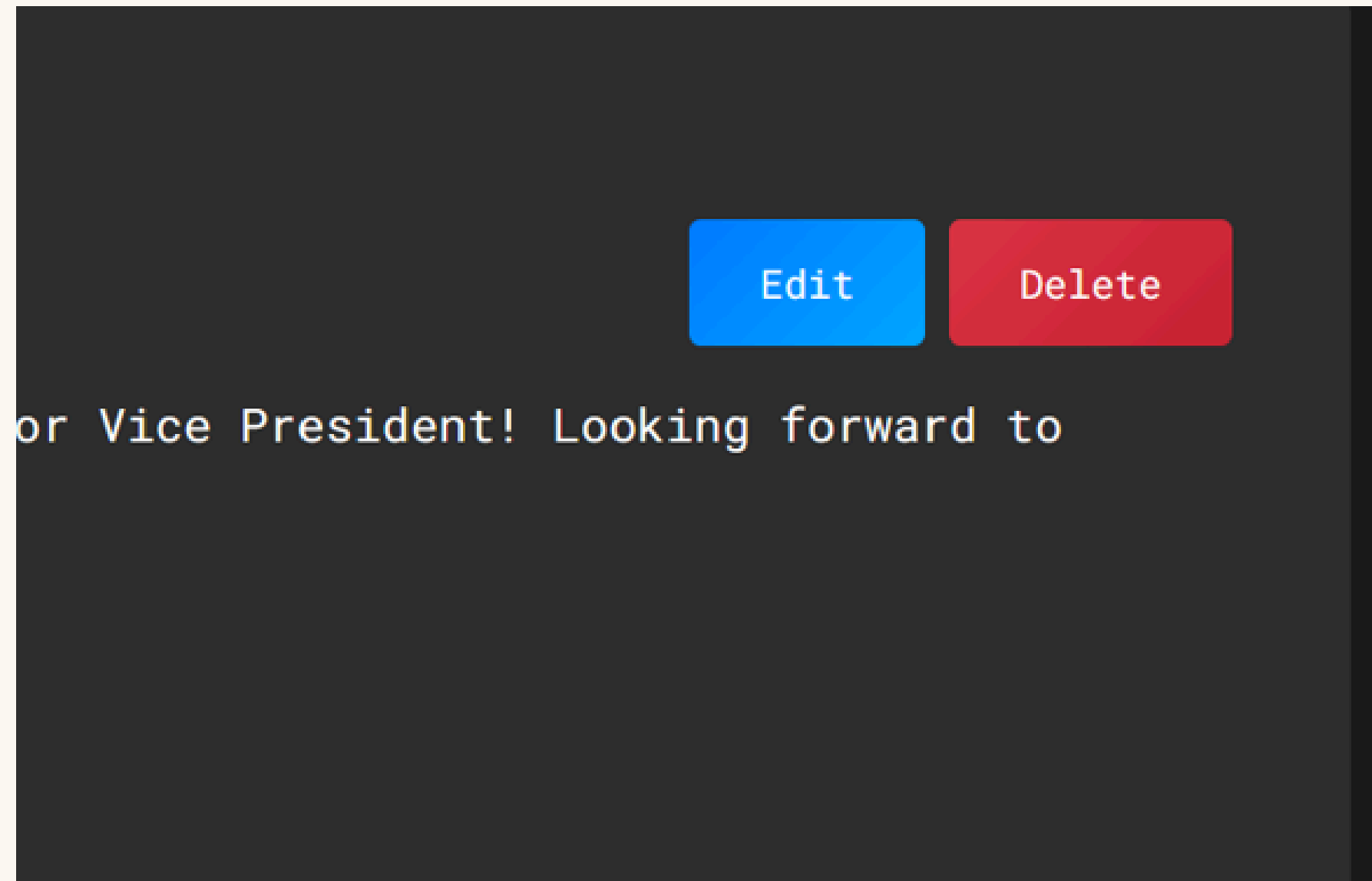
EditDelete

We have assigned leadership roles! Ahmed for President and Ayesha for Vice President!
Looking forward to working with everyone! 😊

SaveCancel

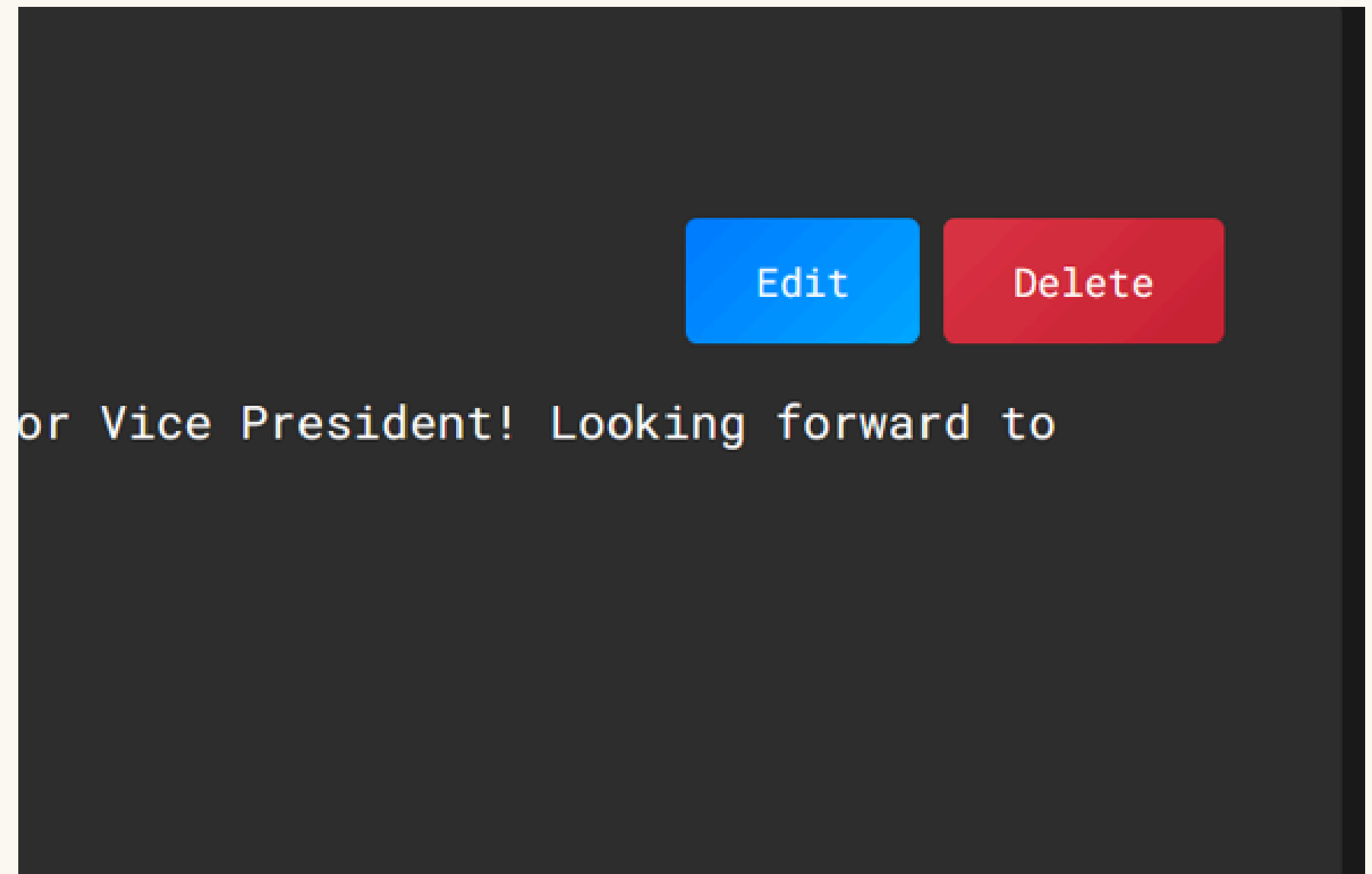
USER STORY 11

As a student/society, I
want to delete a post so
that I can remove
irrelevant or outdated
content.



USER STORY 12

As an admin, I want to
remove inappropriate posts
so that the platform
remains professional.



USER STORY 13

As a student/society, I
want to attach images and
files to my posts so that I
can provide better context.

Create New Post

Content:

Please find attached: Society Manifesto

☐ Mark as Announcement

Attachment (optional):

Society Manifesto.txt

Create Post


USER STORY 14

As a student/society, I
want to update my profile
picture so that I can
personalize my profile.

Profile Settings

Profile Information

Profile Picture



Browse... art4.png

Bio

Tell us about yourself...

Update Profile

Change Password

Current Password

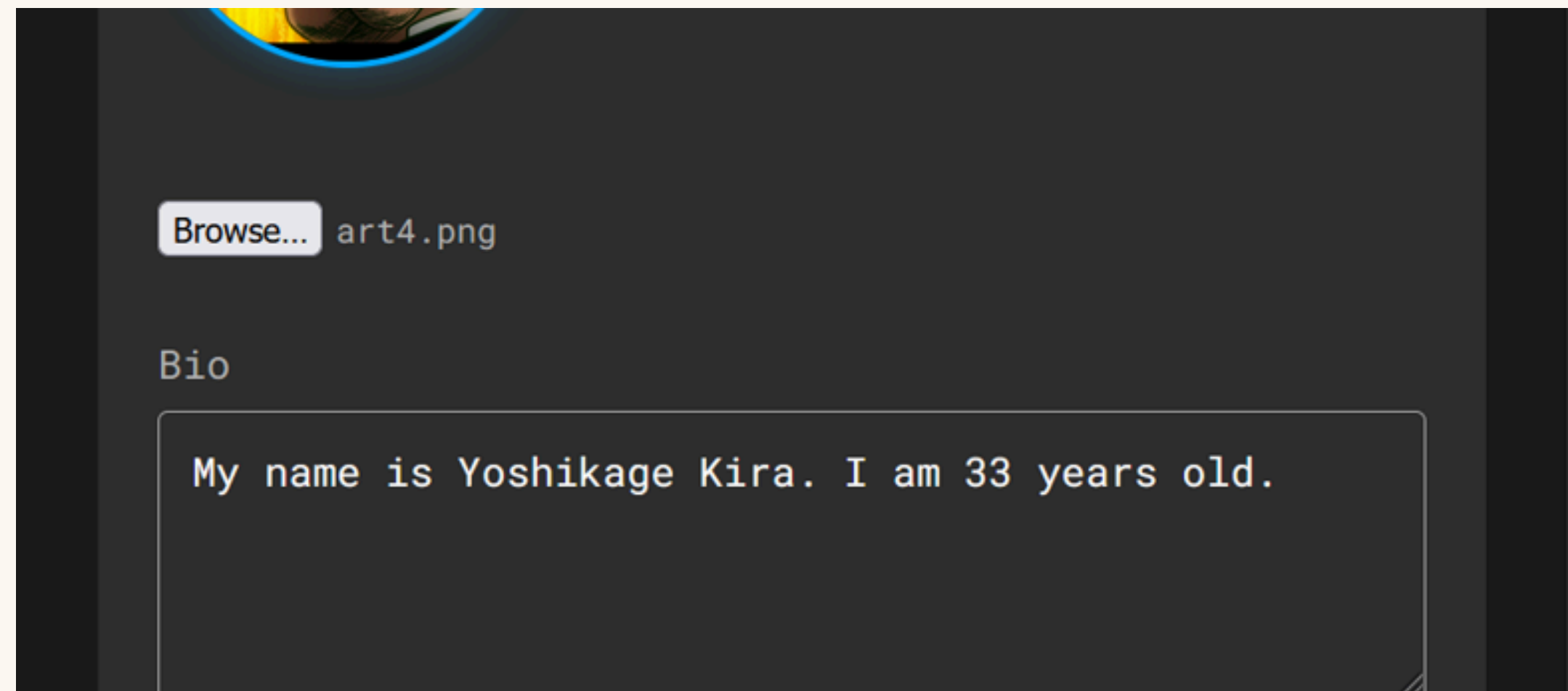
New Password

Confirm Password

Update

USER STORY 15

As a student/society, I want to update my bio so that I can share more about myself.



USER STORY 16

As a student/society, I
want to change my
password so that I can
keep my account secure.

Change Password

Current Password

New Password

Confirm New Password

Update Password

USER STORY 17

As a society, I want to schedule announcements so that I can automate communication.

Schedule New Announcement

Content:

This announcement is scheduled for 9:40 PM

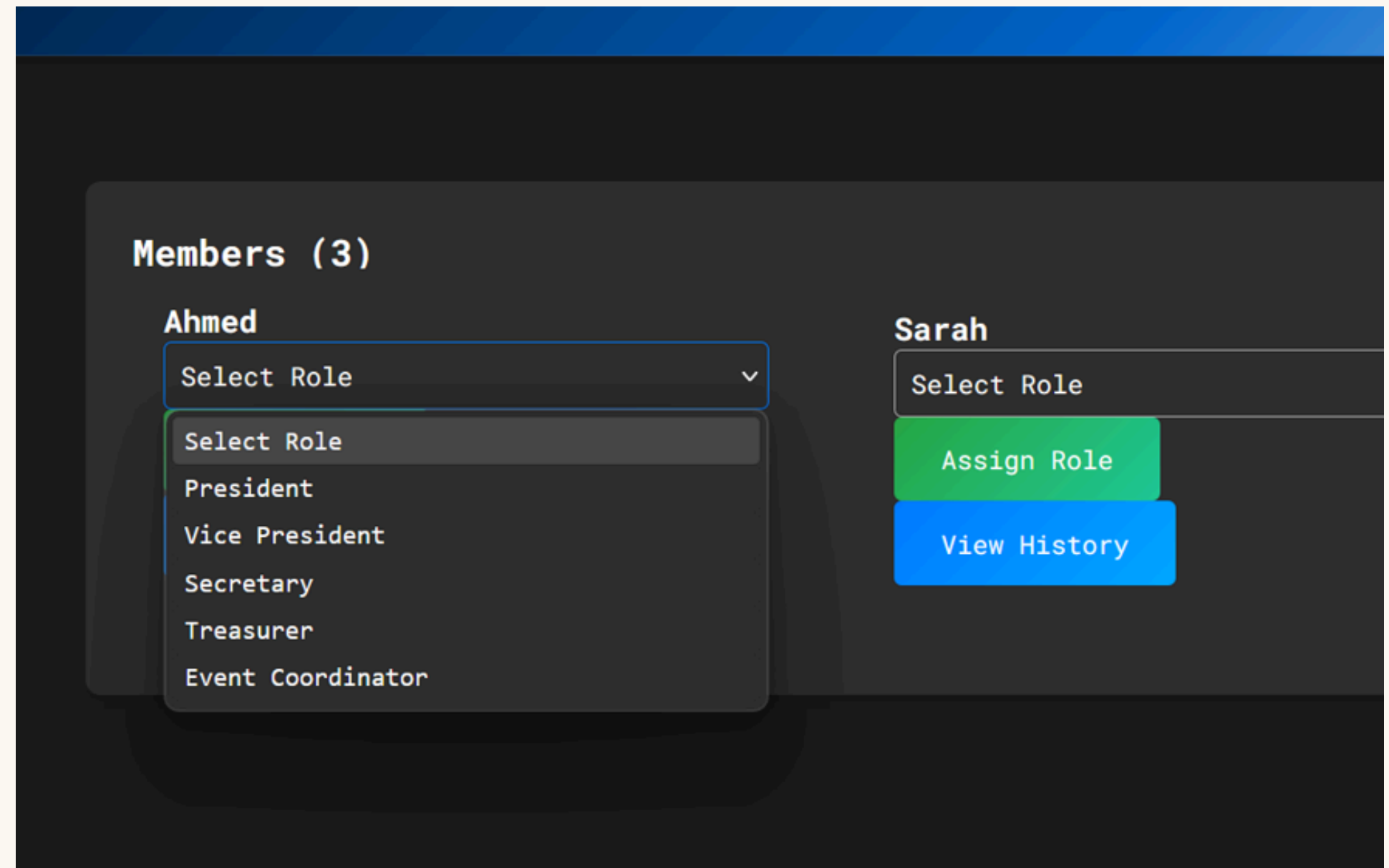
Schedule For:

14 / 05 / 2025 , 09 : 40 pm

Schedule Announcement

USER STORY 18

As a society, I want to assign leadership roles so that responsibilities are clear.



USER STORY 19

As a student, I want to see my assigned role in a society so that I understand my responsibilities.

[← Back to Societies](#)

Fast Sports Society

Description: Promoting sports and physical activities

Category: Sports

Members: 3

Your Role: President

Application Status:

Accepted

USER STORY 20

As a society, I want to modify my venue booking so that I can change the date or location if needed.

19 / 04 / 2025

Start Time:

12 : 00 pm

End Time:

02 : 00 pm

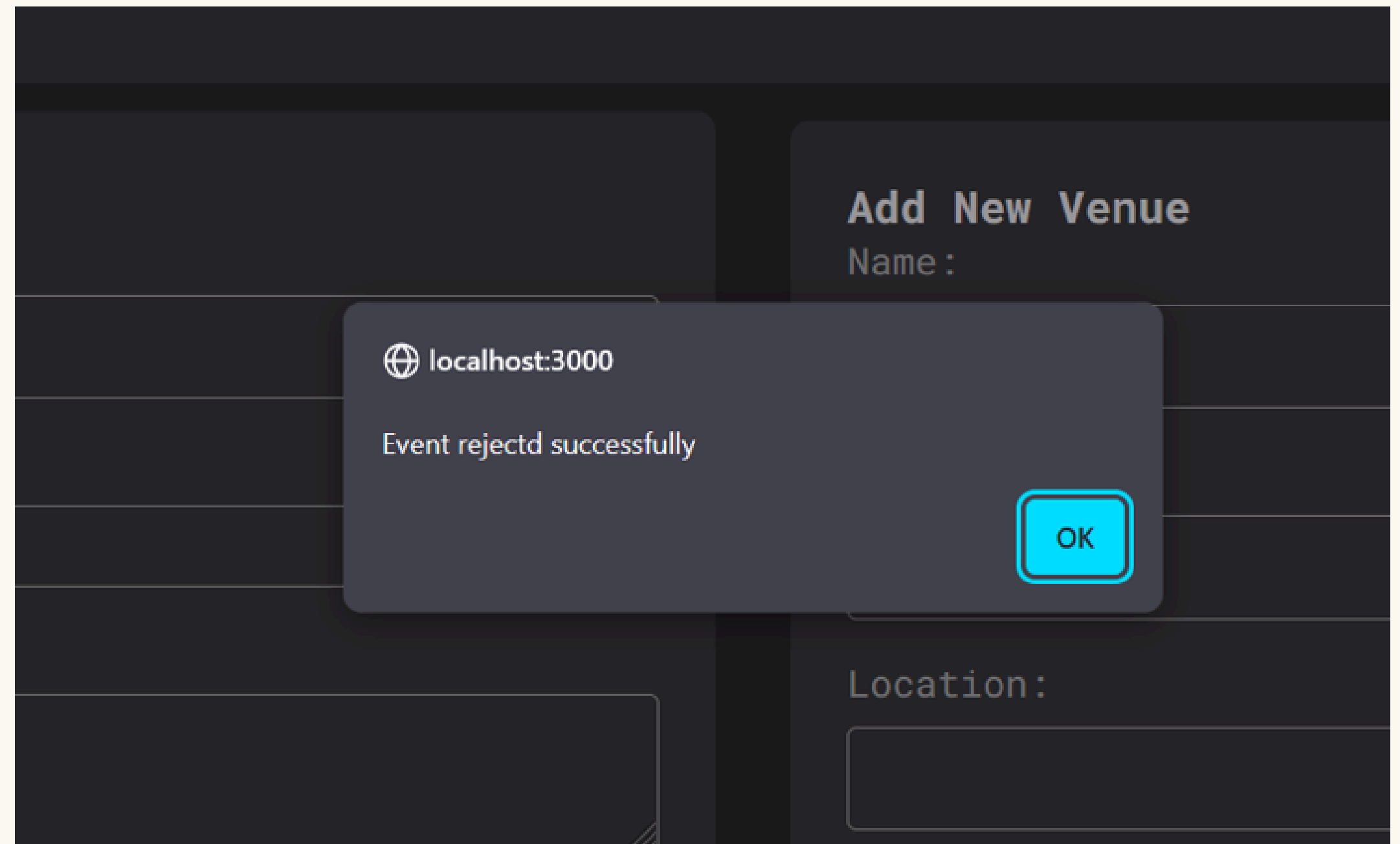
Venue:

Med-C (Capacity: 150)

A blue button is located at the bottom of the form.

USER STORY 21

As a society, I want to cancel a venue booking so that I can free up space for others if I no longer need it.



USER STORY 22

**As a student, I want to
receive event reminders so
that I don't miss important
activities.**

USER STORY 23

As an admin, I want to approve venue booking requests so that I can manage availability.

Society Events

Book Trivia

test your knowledge!

Date: 19/04/2025

Time: 15:00 - 17:00

Venue: Med-C

Status: Approved

USER STORY 24

As a student, I want to
view a list of all societies
so that I can decide which
ones to join.

Societies		
Fast Literary Society A society for literature and creative writing enthusiasts Status: Approved Delete	Fast Sports Society Promoting sports and physical activities Status: Approved Delete	Fast Computing Society A society focused on computer science and programming Status: Approved Delete

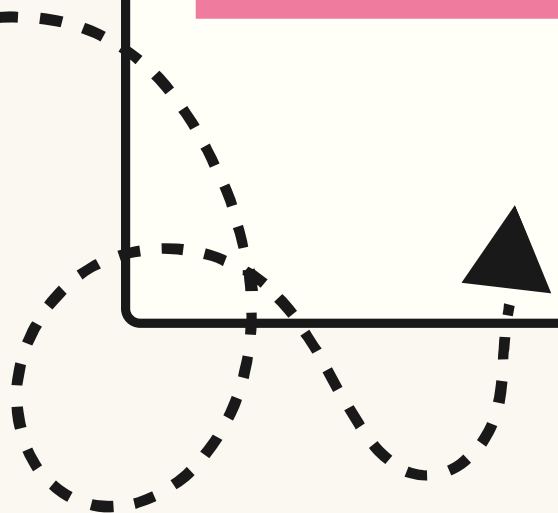
FUTURE IMPROVEMENTS

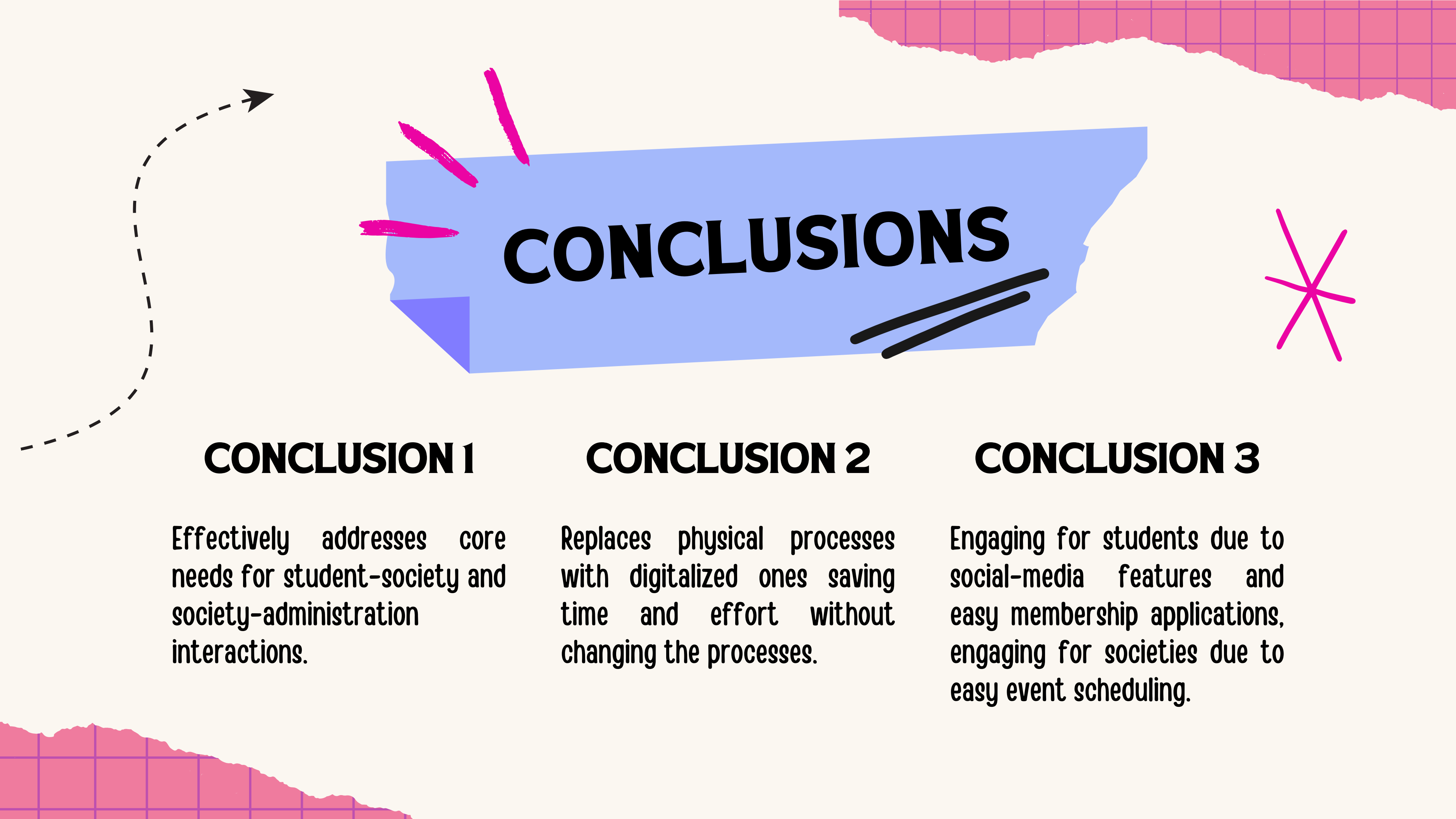
Targeted
improvements
in UI polishing

Performance
Optimization

Security
Enhancements

Mobile app
expansion





CONCLUSIONS

CONCLUSION 1

Effectively addresses core needs for student-society and society-administration interactions.

CONCLUSION 2

Replaces physical processes with digitalized ones saving time and effort without changing the processes.

CONCLUSION 3

Engaging for students due to social-media features and easy membership applications, engaging for societies due to easy event scheduling.

THANK
YOU!

