# PmuMentor

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# PmuMentor: Empowering Student Success through Peer Mentorship

Welcome to PmuMentor, an innovative mobile app designed to connect experienced students (mentors) with newcomers (mentees) at Prince Mohammad Bin Fahd University. This presentation will explore the features and benefits of PmuMentor, showcasing its potential to foster academic success and personal growth.

# Introduction to PmuMentor

## Vision

To create a thriving community of supportive peers who empower each other to excel academically and professionally.

## Mission

To connect students with experienced mentors who offer guidance, encouragement, and resources to navigate the challenges of university life.

# The Importance of Peer Mentorship

## Academic Support

Mentors can provide valuable insights on course selection, study strategies, and exam preparation.

## Personal Growth

Mentees gain confidence and develop leadership skills by interacting with experienced peers.

## Campus Engagement

Peer mentorship promotes a sense of belonging and fosters a supportive campus community.

# Key Features of the PmuMentor App

## User Profiles

Students can create detailed profiles, showcasing their skills, interests, and experience.

## Matching Mentee-Mentor

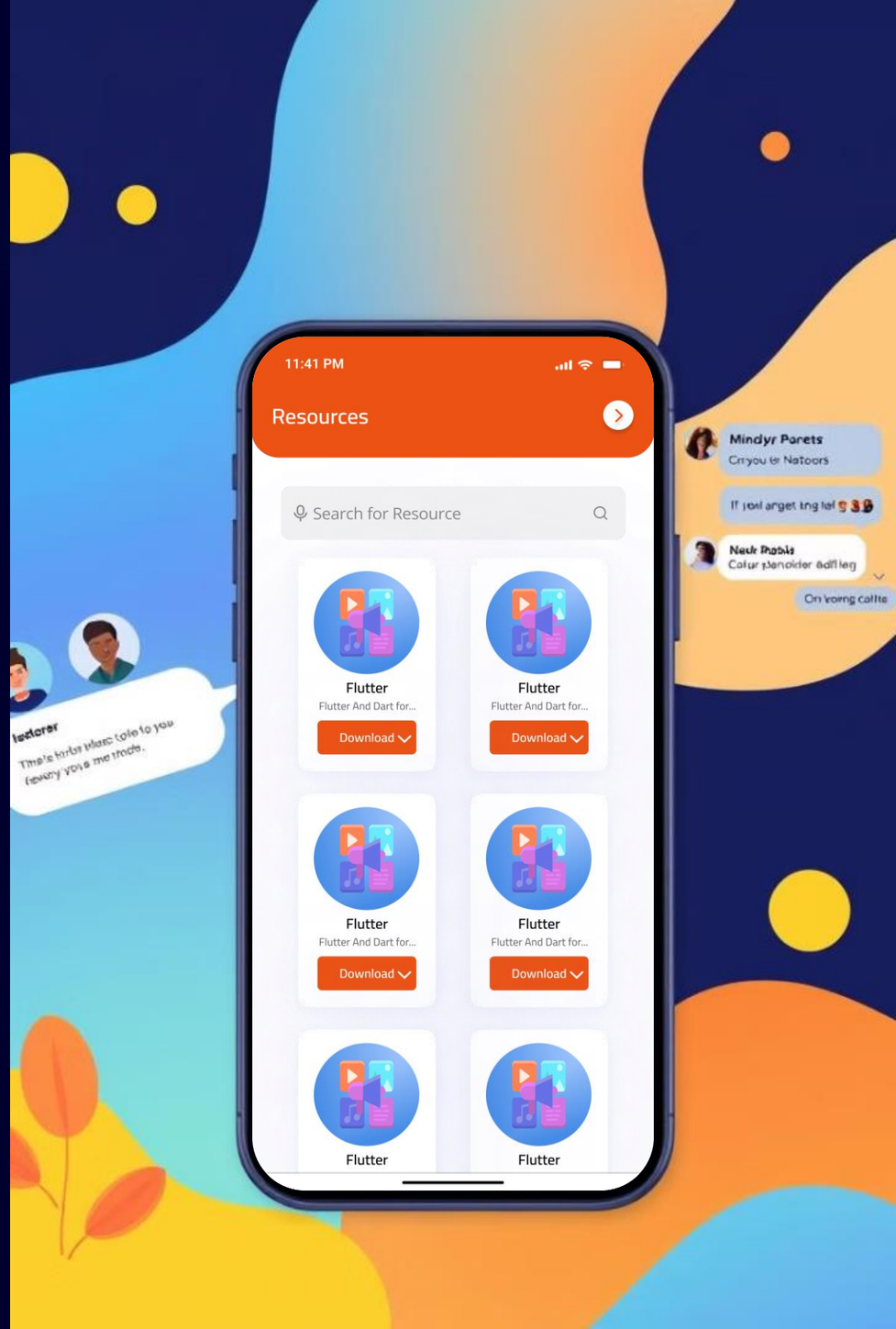
The app used to match mentors and mentees by searching for names or interests and goals.

## Event Creation

Mentors can organize workshops, study sessions, and social gatherings for their mentees.

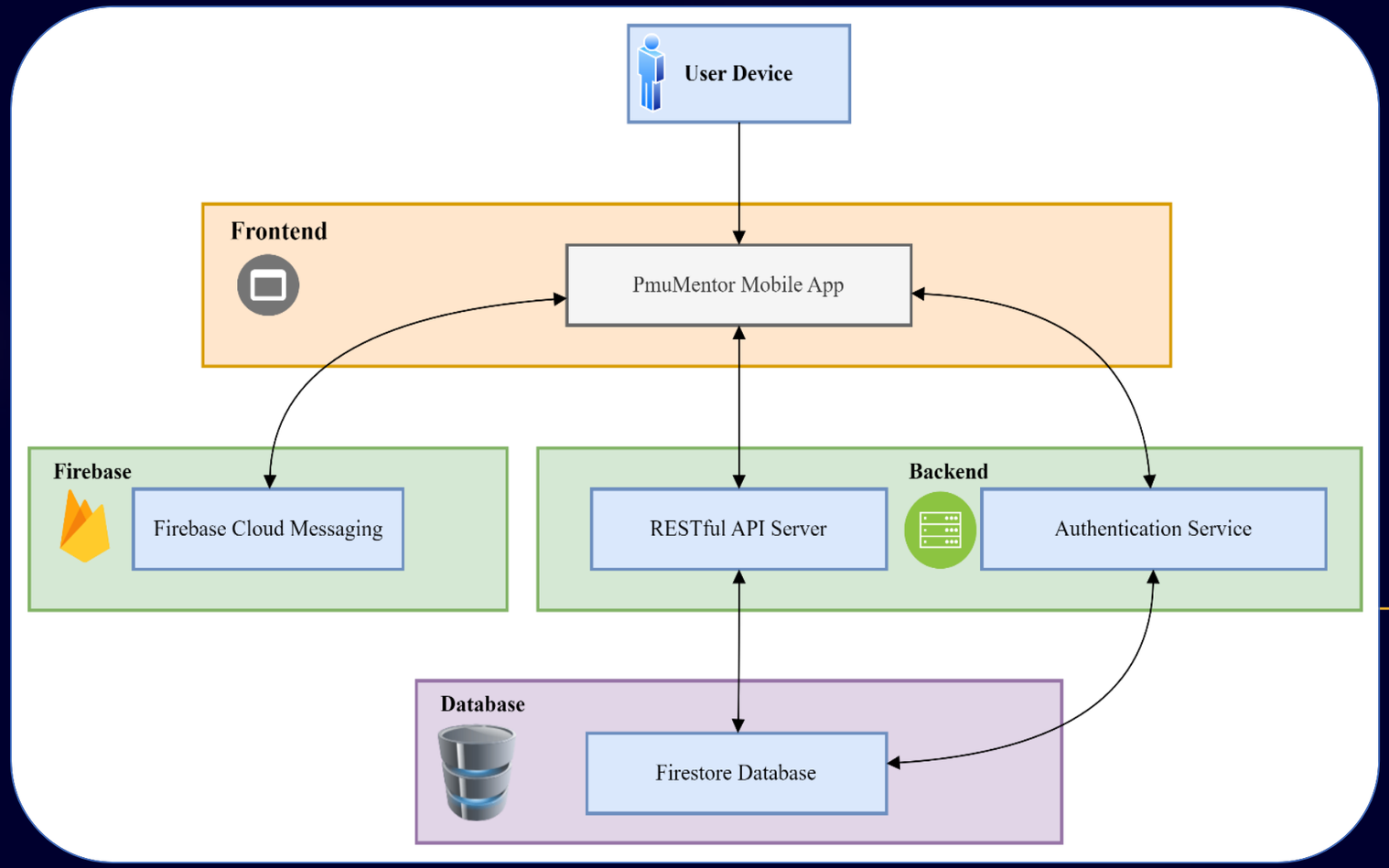
## Resource Sharing

Mentors and mentees can share relevant study materials, course notes, and helpful tips.



# Building & Modeling System

## System Architecture

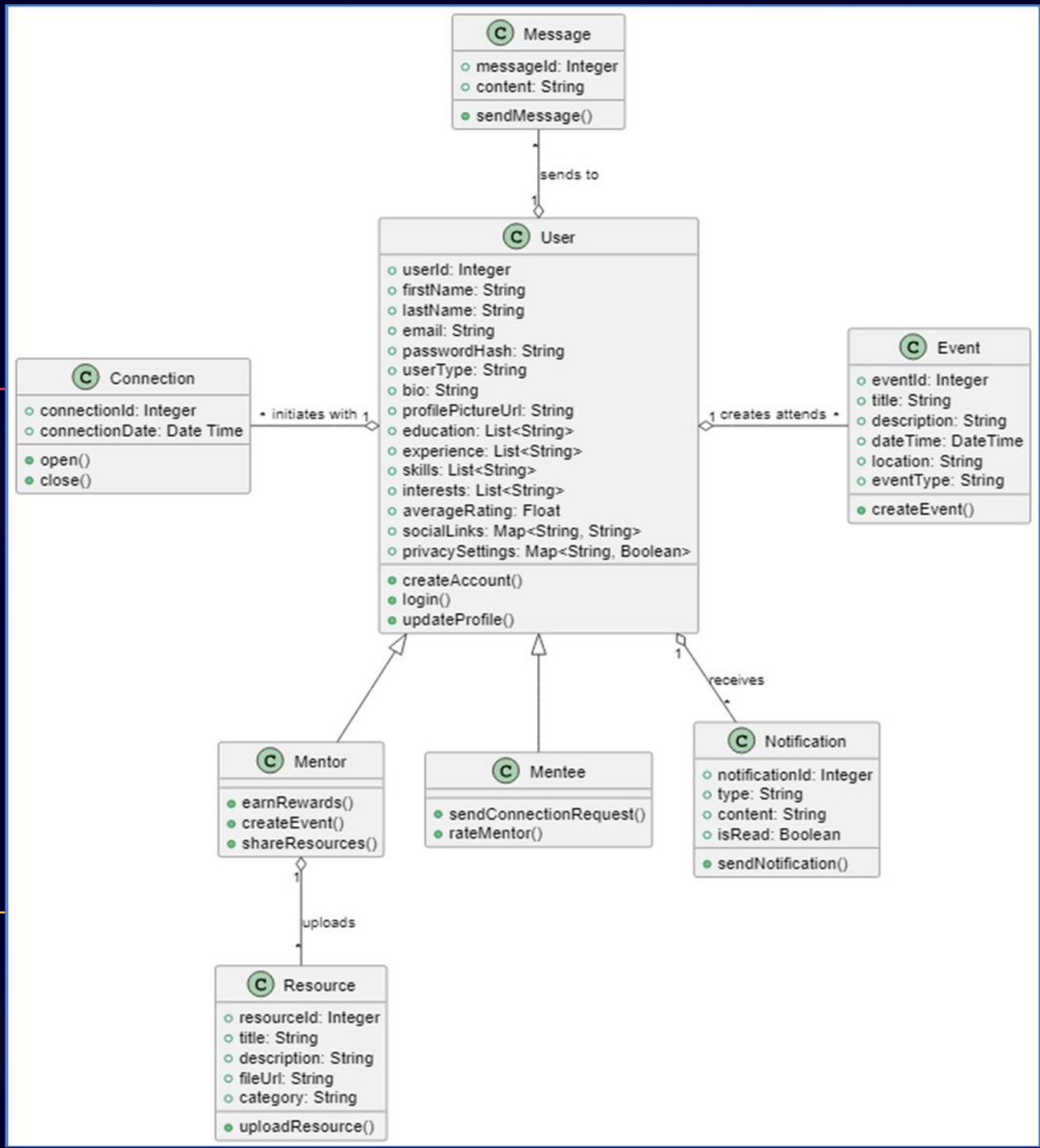



The PmuMentor app is designed using a modular and scalable architecture to ensure maintainability and flexibility

# Building & Modeling System

## System Design

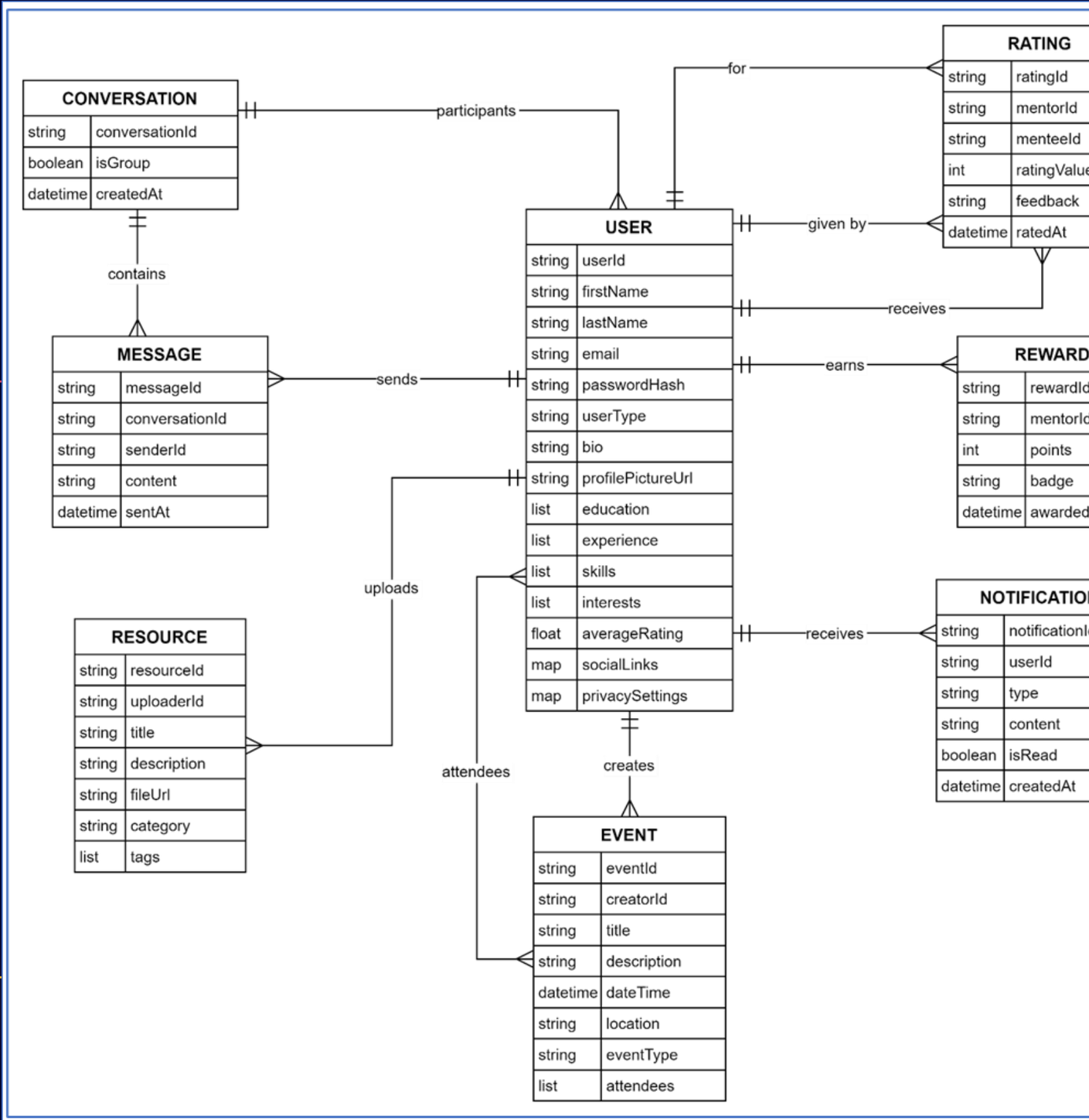
- This diagram illustrates the main classes in the system and their relationships.
- The structure ensures reusability, scalability, and clear separation of concerns.



# Building & Modeling System

## Database ERD

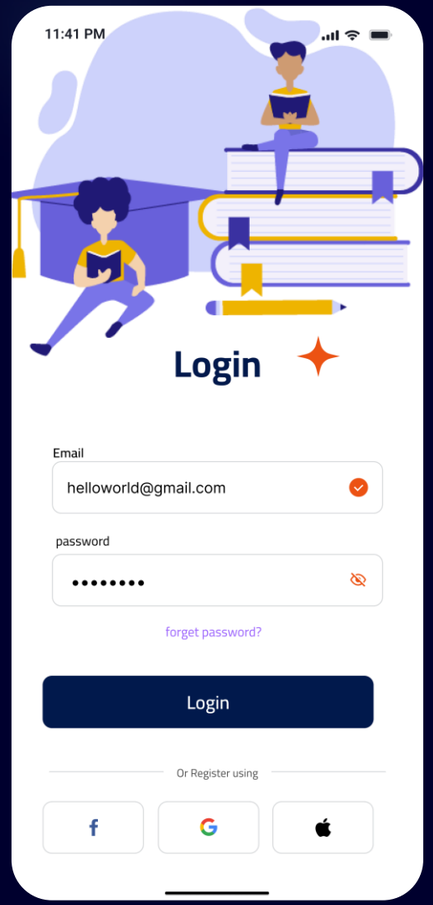
- The database design ensures efficient storage and retrieval of data for users, events, resources, and communications.
- It includes key entities and relationships to support the app's functionalities.



# User Registration and Profile Management

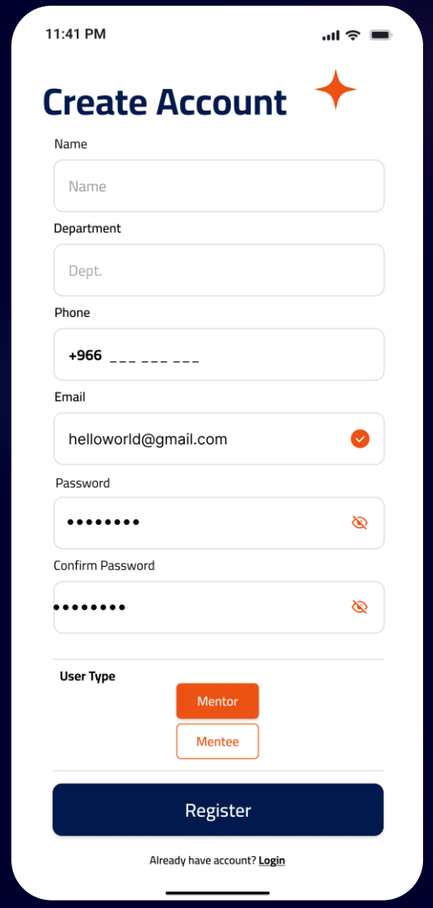
## Secure Login

Users can easily register and log in with their university credentials.



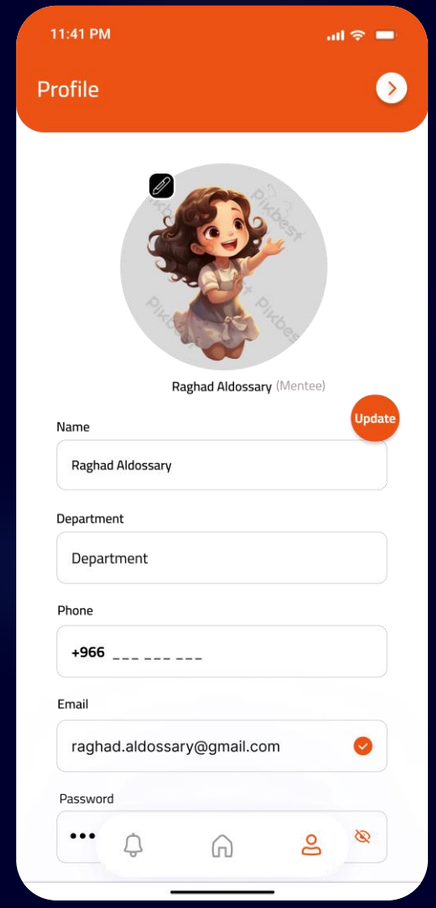

## Registration

The app allows users to register as a Mentor or as a Mentee




## Profile Customization

Students can personalize their profiles with information



# Mentor-Mentee Matching and Collaboration

### Initial Connection

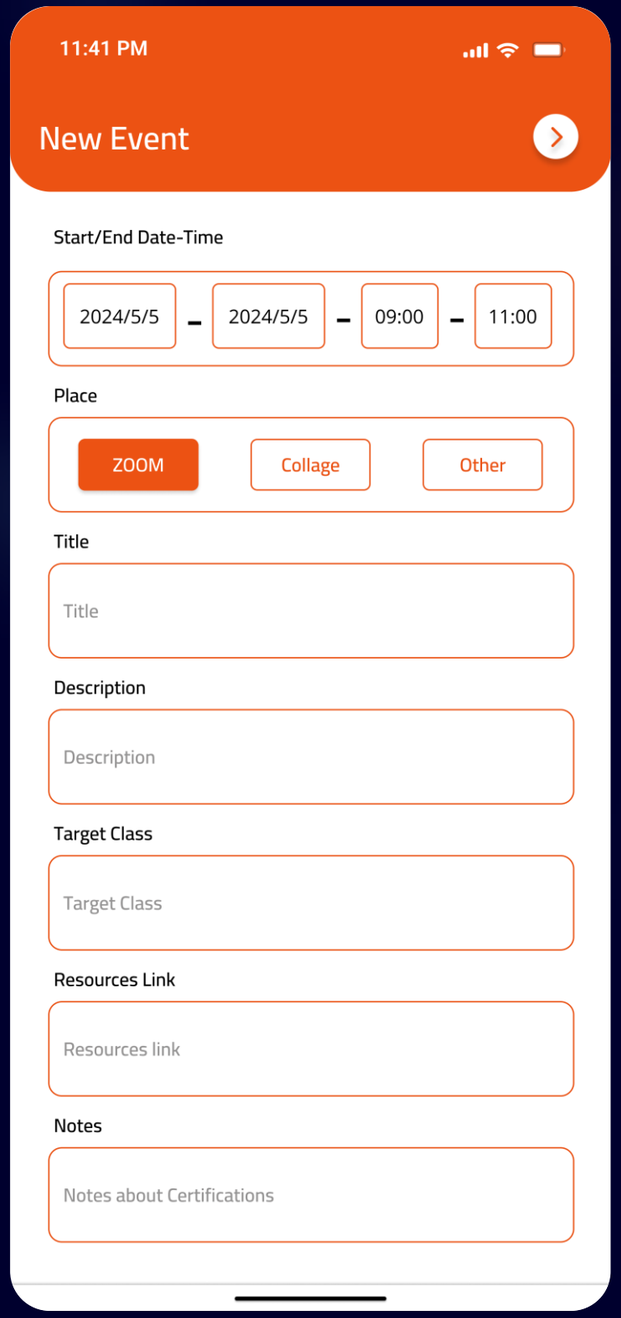
The app facilitates an initial introduction, providing a safe and supportive environment for mentors and mentees to connect.

### Scheduled Meetings

Mentors and mentees can schedule regular meetings to discuss academic progress, personal challenges, and career aspirations.

### Communicates & Chats

The app provides a platform for ongoing communication, allowing mentors and mentees to exchange messages, share resources, and provide support.




# Event Creation and Resource Sharing

1

## Event Planning

Mentors can create and promote events tailored to their mentees' needs.

2

## Resource Repository

Mentors and mentees can access a shared repository of study materials, course notes, and other resources.

3

## Knowledge Sharing

The app promotes a culture of knowledge sharing, fostering collaboration and peer learning.

# Messaging, Notifications, and Feedback

1

## Real-Time Messaging

Mentors and mentees can communicate through the app's secure messaging system.

2

## Personalized Notifications

Users receive timely notifications about upcoming events, deadlines, and messages.

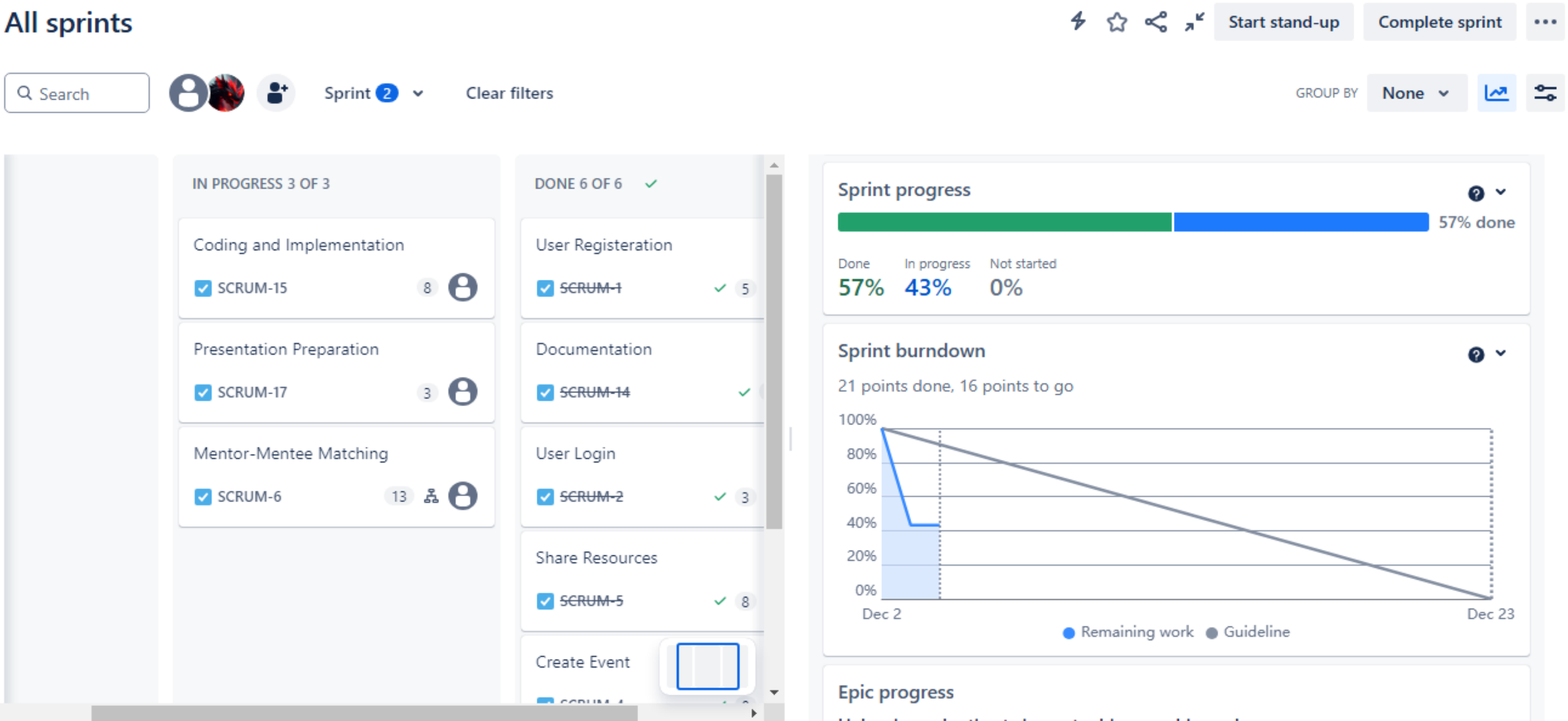
3

## Feedback Mechanisms

The app provides a structured feedback mechanism for mentors and mentees to share their experiences.

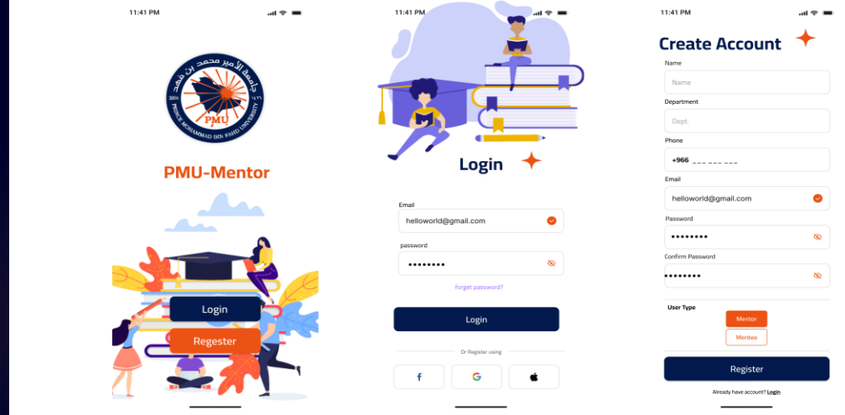
# Project Management

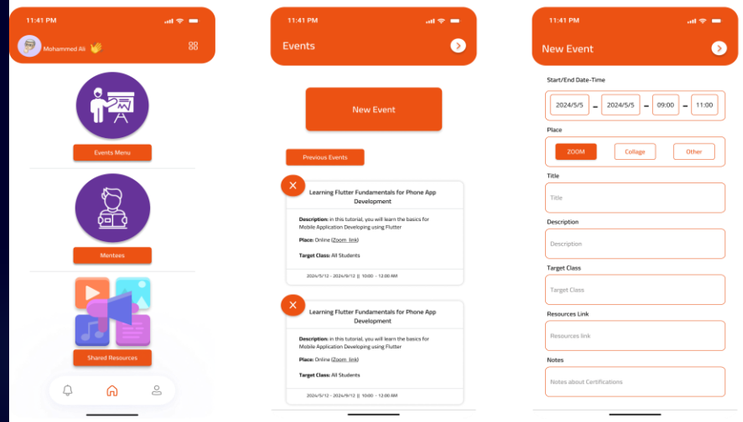
JIRA We use Jira to manage sprints, tasks, and user stories efficiently. Below are screenshot of the Scrum board with charts

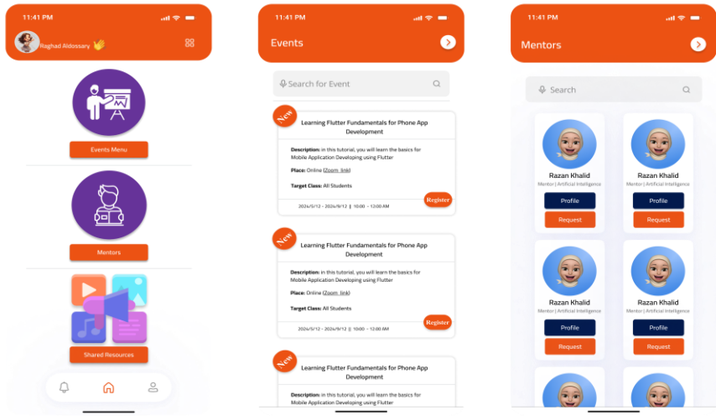


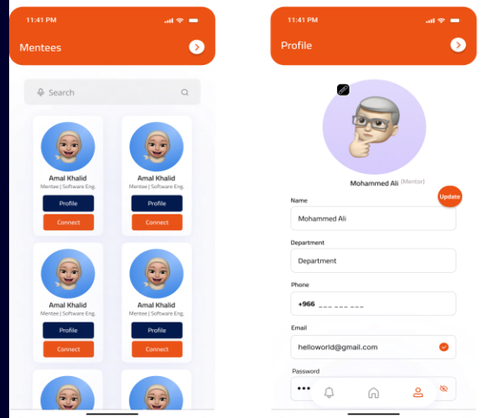
# Project Management

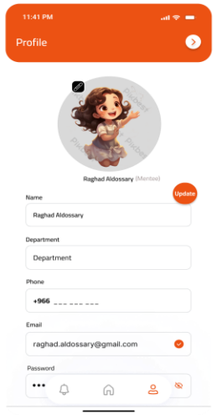
## FIGMA We use Figma to design the Interfaces



# Conclusion

- PmuMentor successfully addresses the need for a mentorship platform at PMU, fostering academic success, personal growth, and community engagement.
- The project leverages Agile methodology, modern technologies, and user-focused design to deliver a scalable and impactful solution.
- Future improvements aim to enhance features and expand the app’s reach within the university.

# THANK YOU