

EVENTUS

THINK EVENTS, THINK EVENTUS

Cyber Project
Group I



OUR AIM

The purpose of the event planning and management app is to streamline and enhance the process of organising, managing, and participating in events within the college community. The application aims to provide an efficient and user-friendly platform for both event organisers and attendees, facilitating seamless communication, coordination, and execution of various events, ranging from small club meetings to large-scale campus-wide functions.

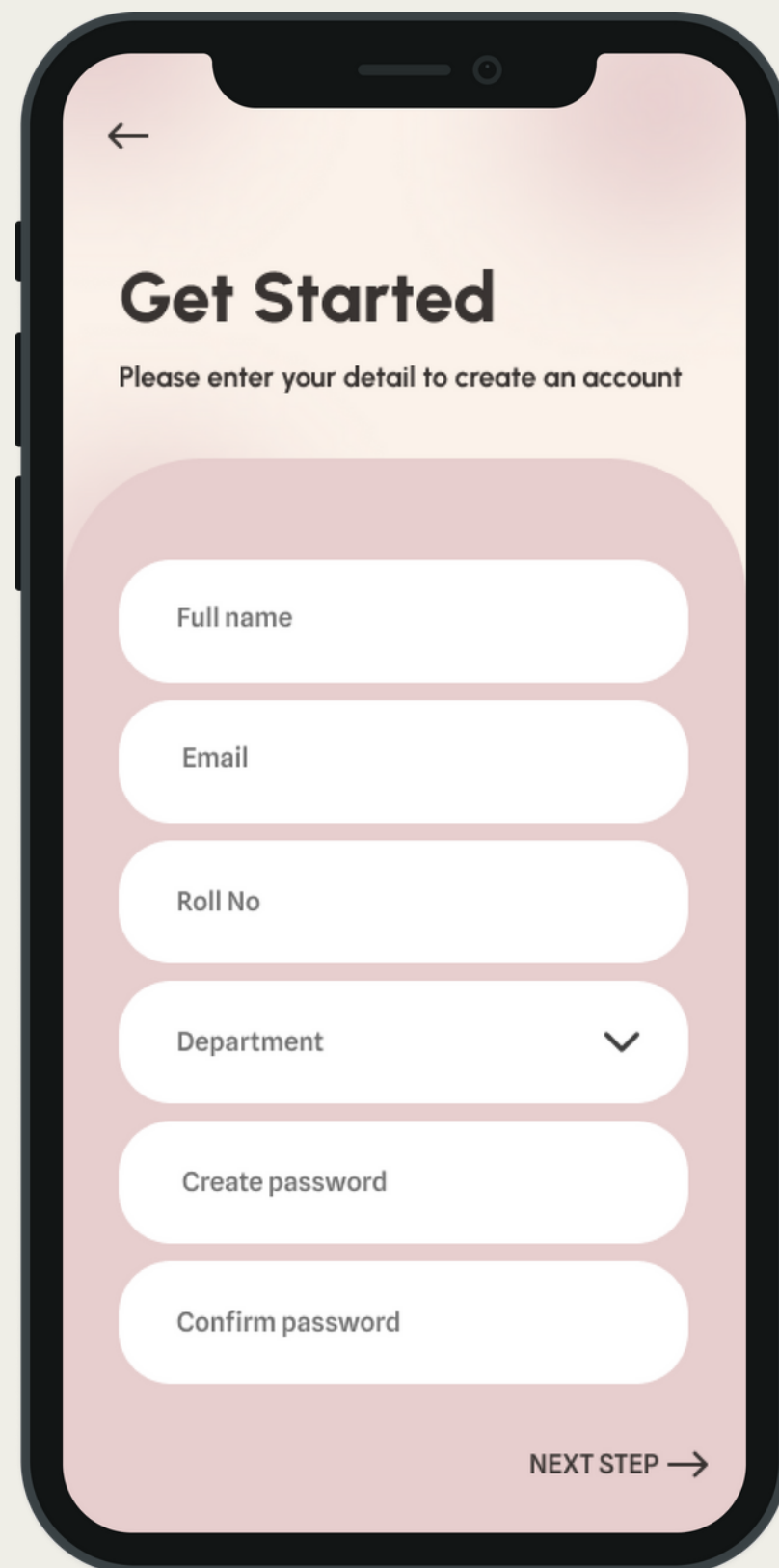
INTERFACES

This is the login interface for our mobile application. As you can see, it offers a familiar and user-friendly experience.

Students can enter their registered email address and password to access their account. Alternatively, they can sign in seamlessly using their Google account credentials, saving them time and effort. This login flexibility caters to a wider range of user preferences and ensures a smooth onboarding process.



INTERFACES



←

Get Started

Please enter your detail to create an account

Full name

Email

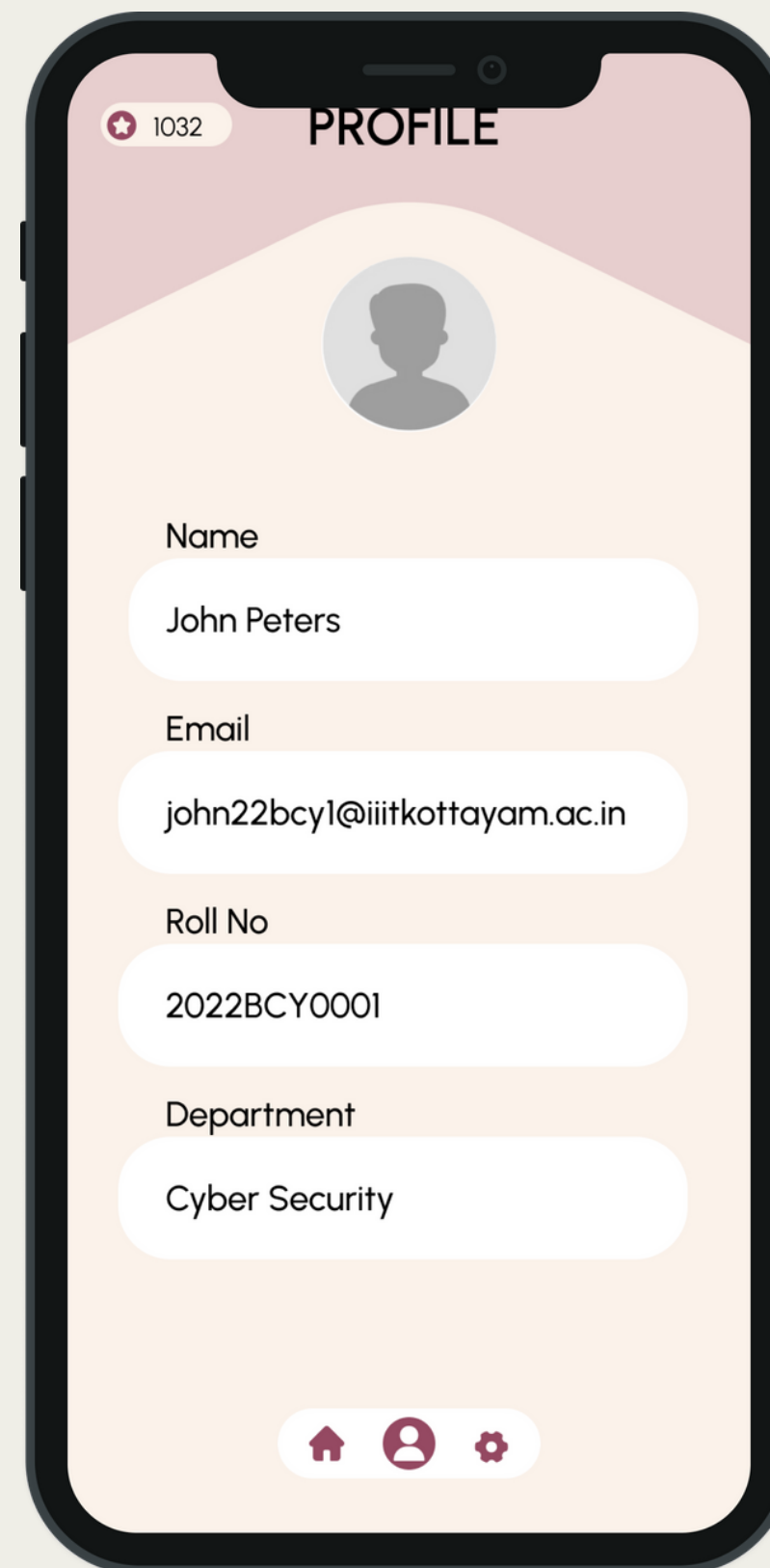
Roll No

Department ▾


Create password

Confirm password

NEXT STEP →



★ 1032 PROFILE



Name

John Peters

Email




john22bcyl@iiitkottayam.ac.in

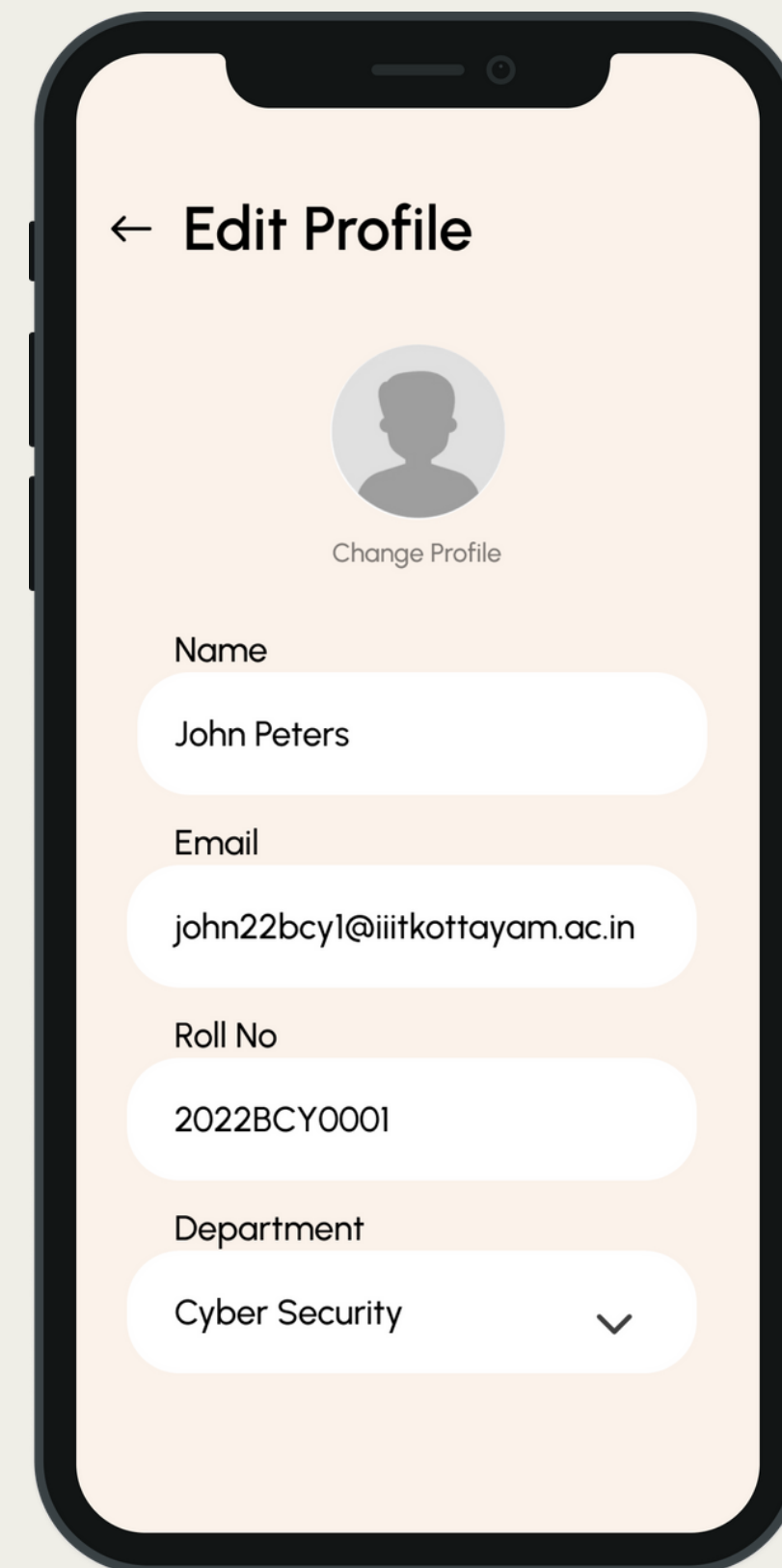
Roll No

2022BCY0001


Department

Cyber Security



← Edit Profile



Change Profile

Name

John Peters

Email

john22bcyl@iiitkottayam.ac.in

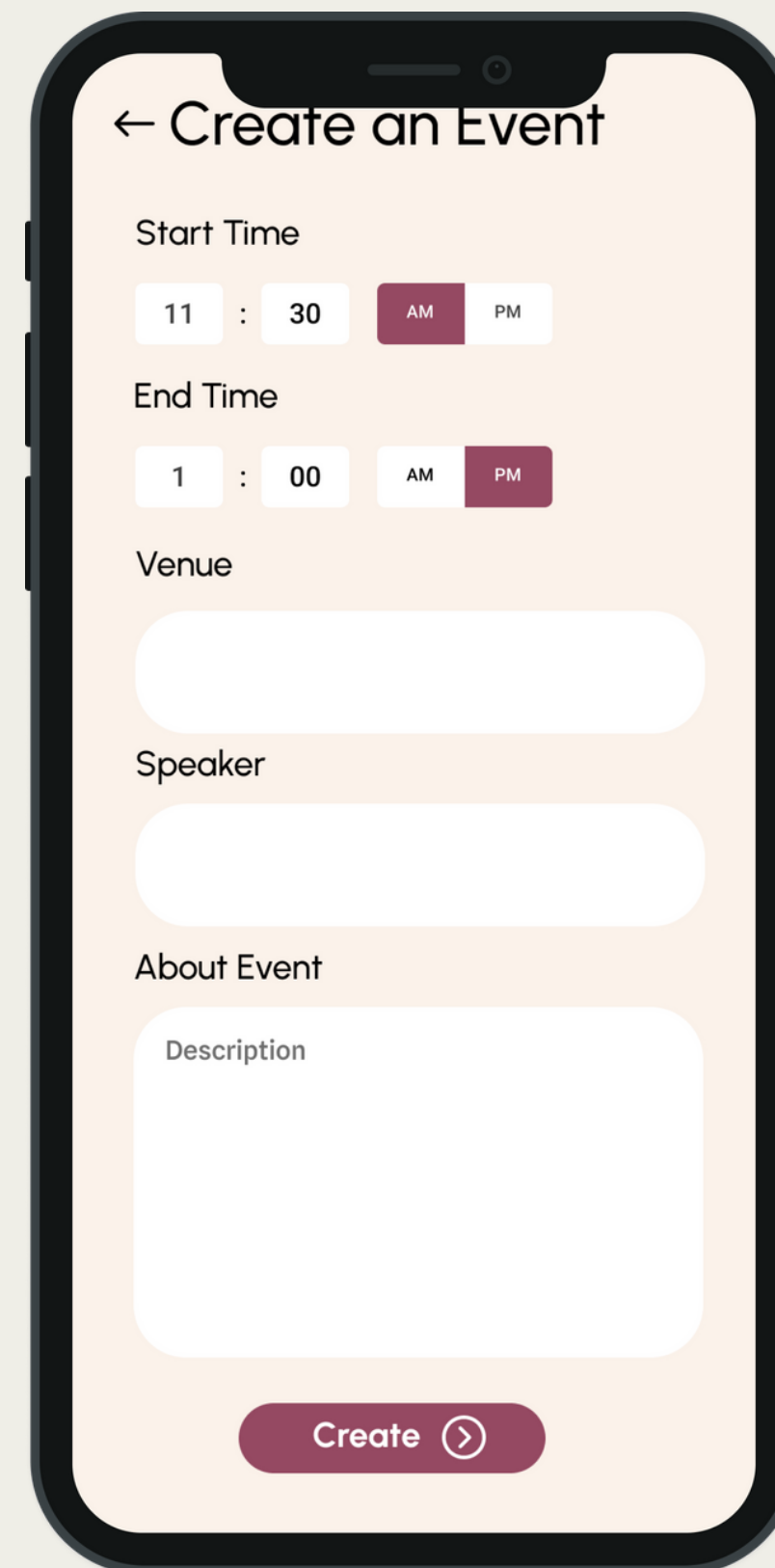
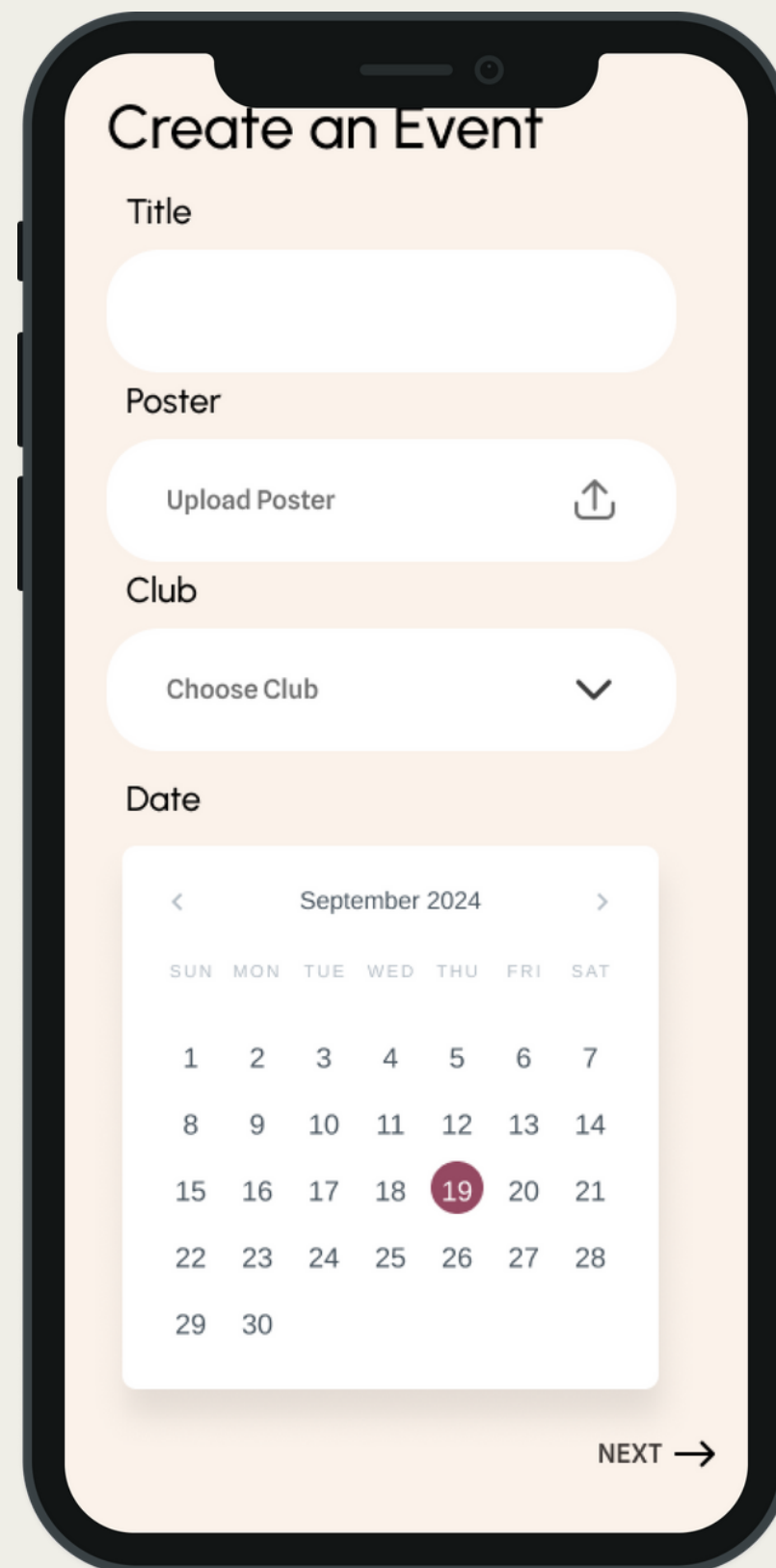
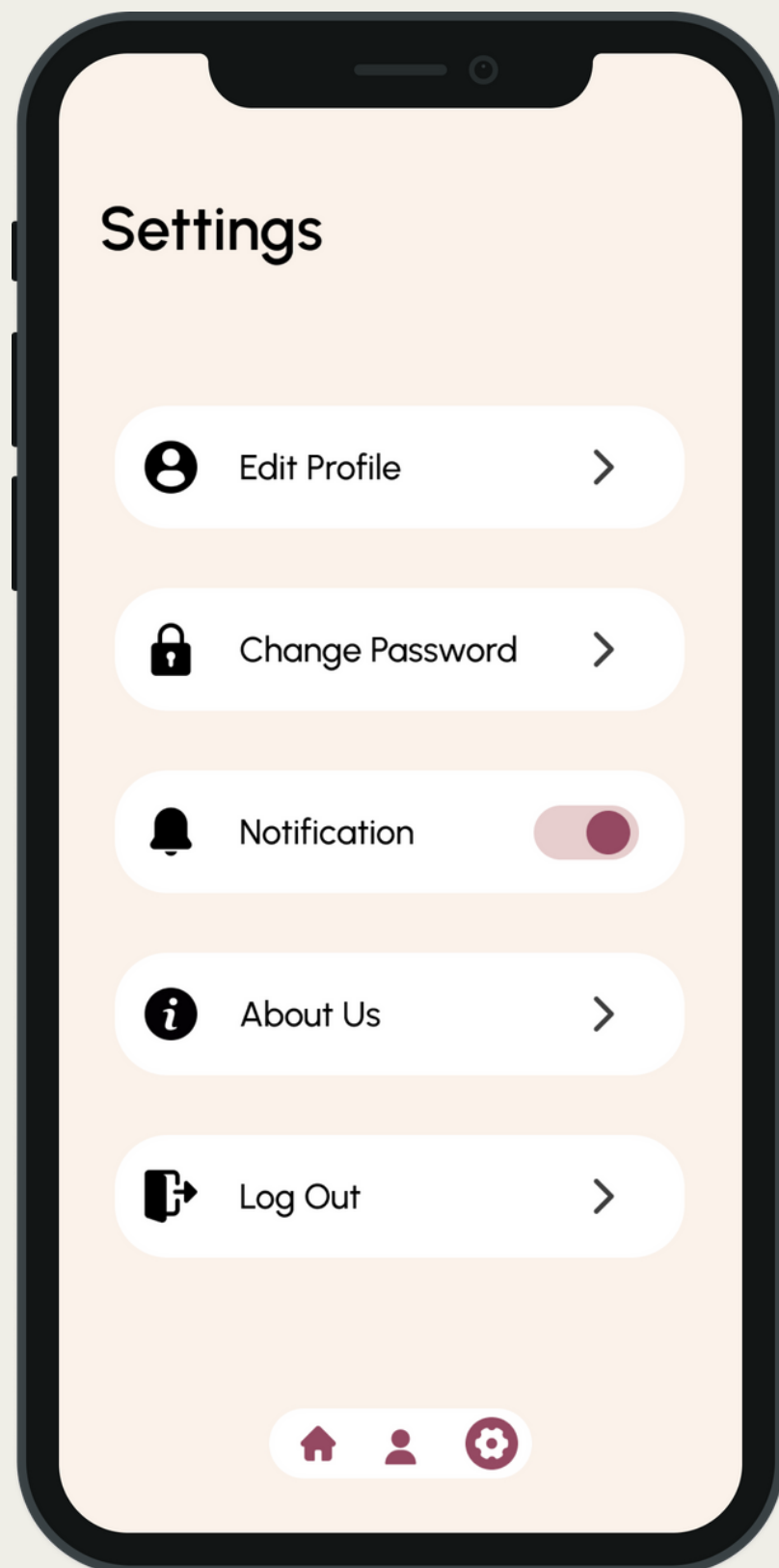
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Department

Cyber Security ▾

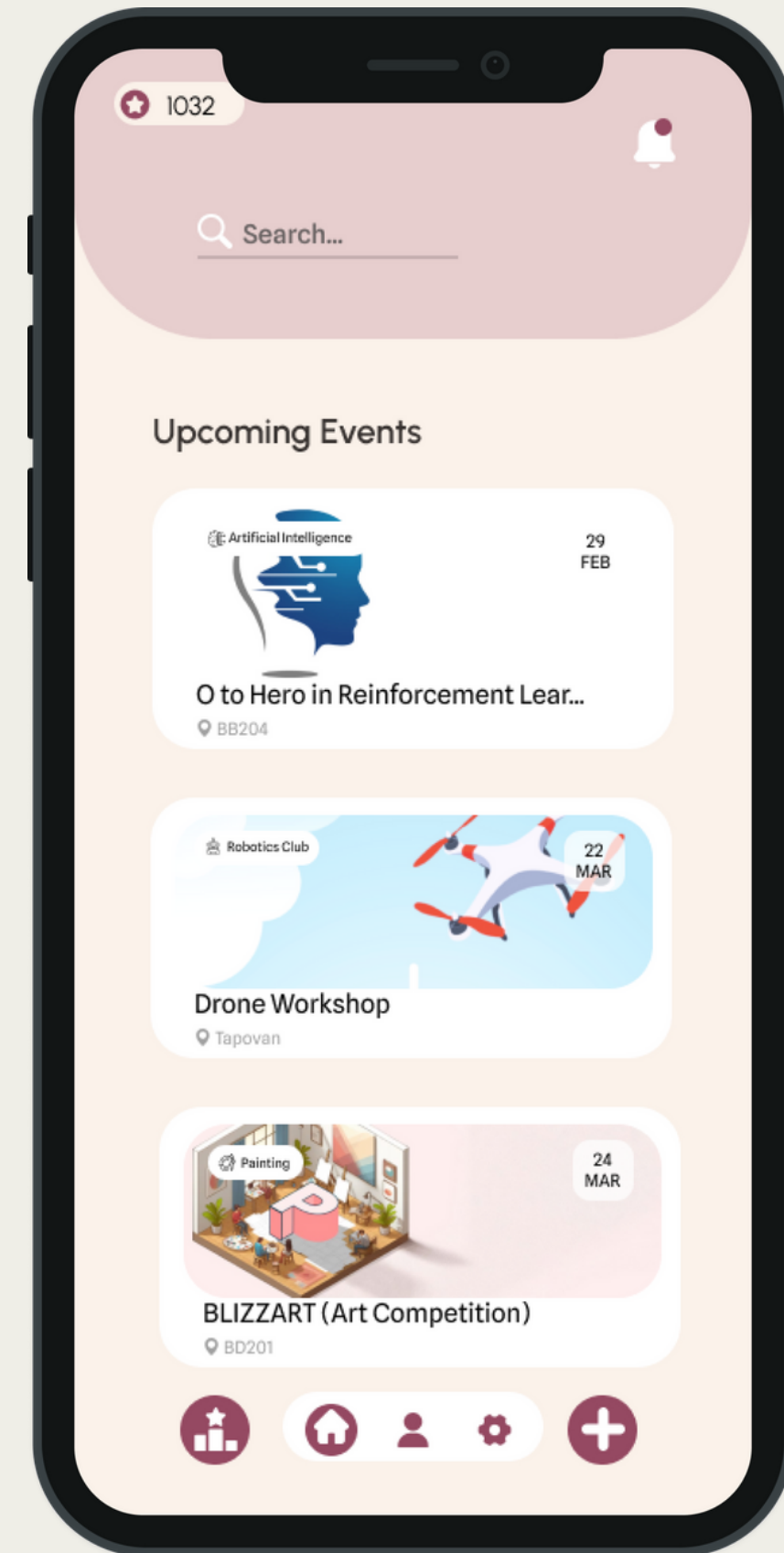
INTERFACES



APPLICATION HOMEPAGE

The application's homepage displays a list of upcoming events in the college. Ranging from club events to college-level workshops, the events are listed by date with the soonest event at the top. Each event includes a title, date, and location.

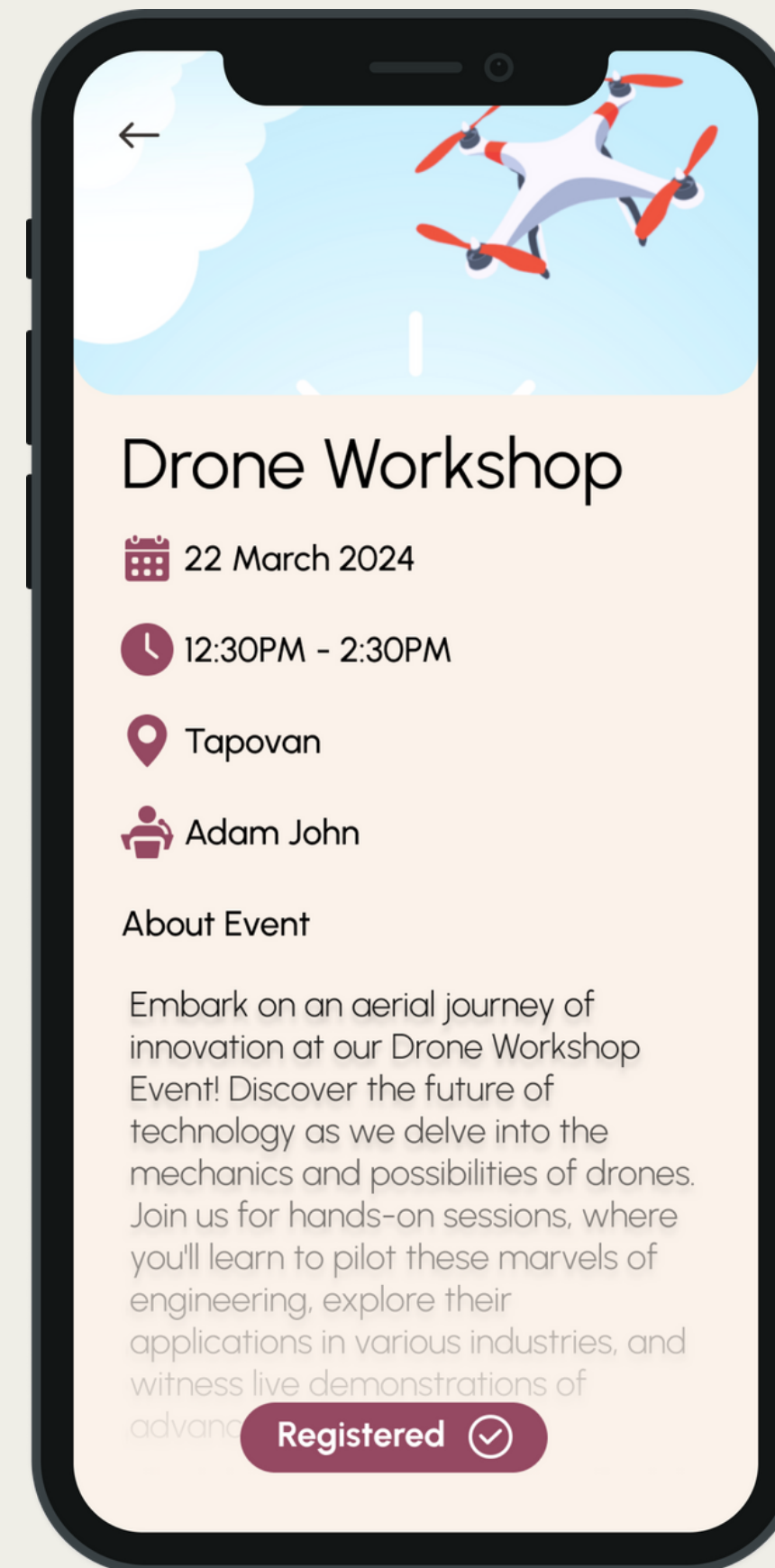
There is a search bar at the top of the page which allows students to find specific events. A notification icon helps students to receive notifications sent by the different clubs in college. The menu bar at the bottom involves navigation to the profile page, settings page and the leaderboard.



REGISTRATION PAGE

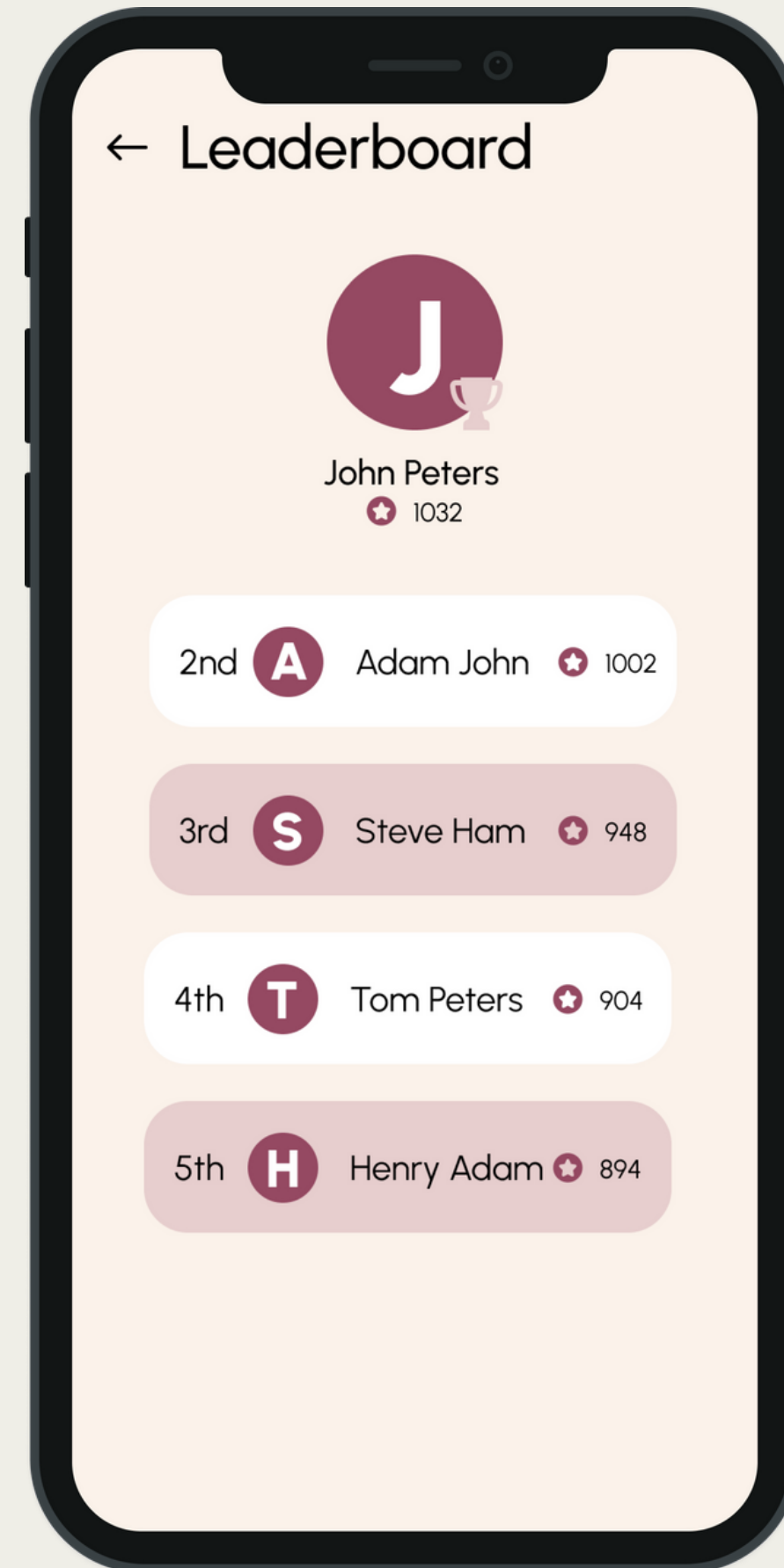
The registration page displays details of the event including the date, time, venue, speaker and a brief description of the event.

Once a student registers, email, message and in-app notifications will be sent to the users.



LEADERBOARD PAGE

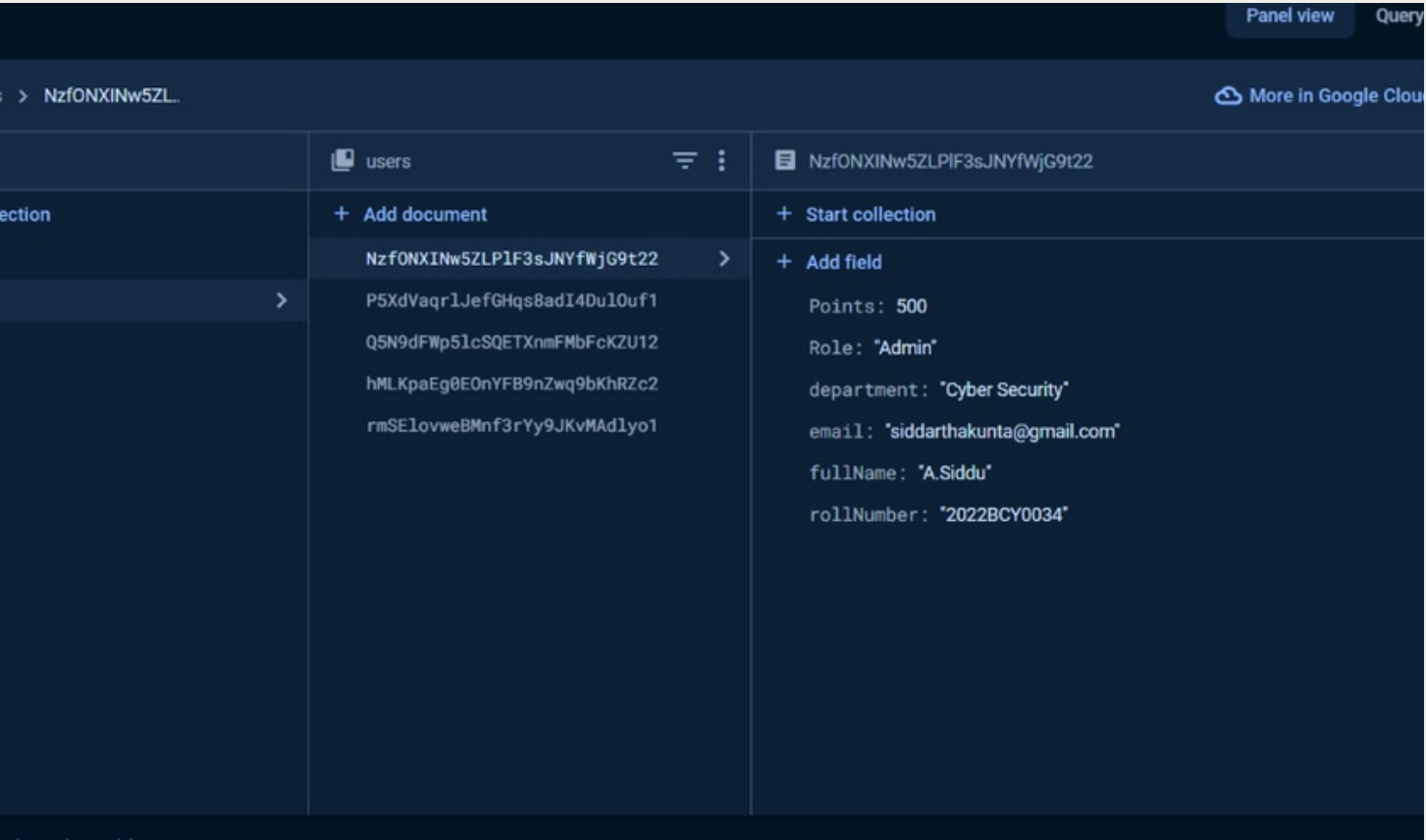
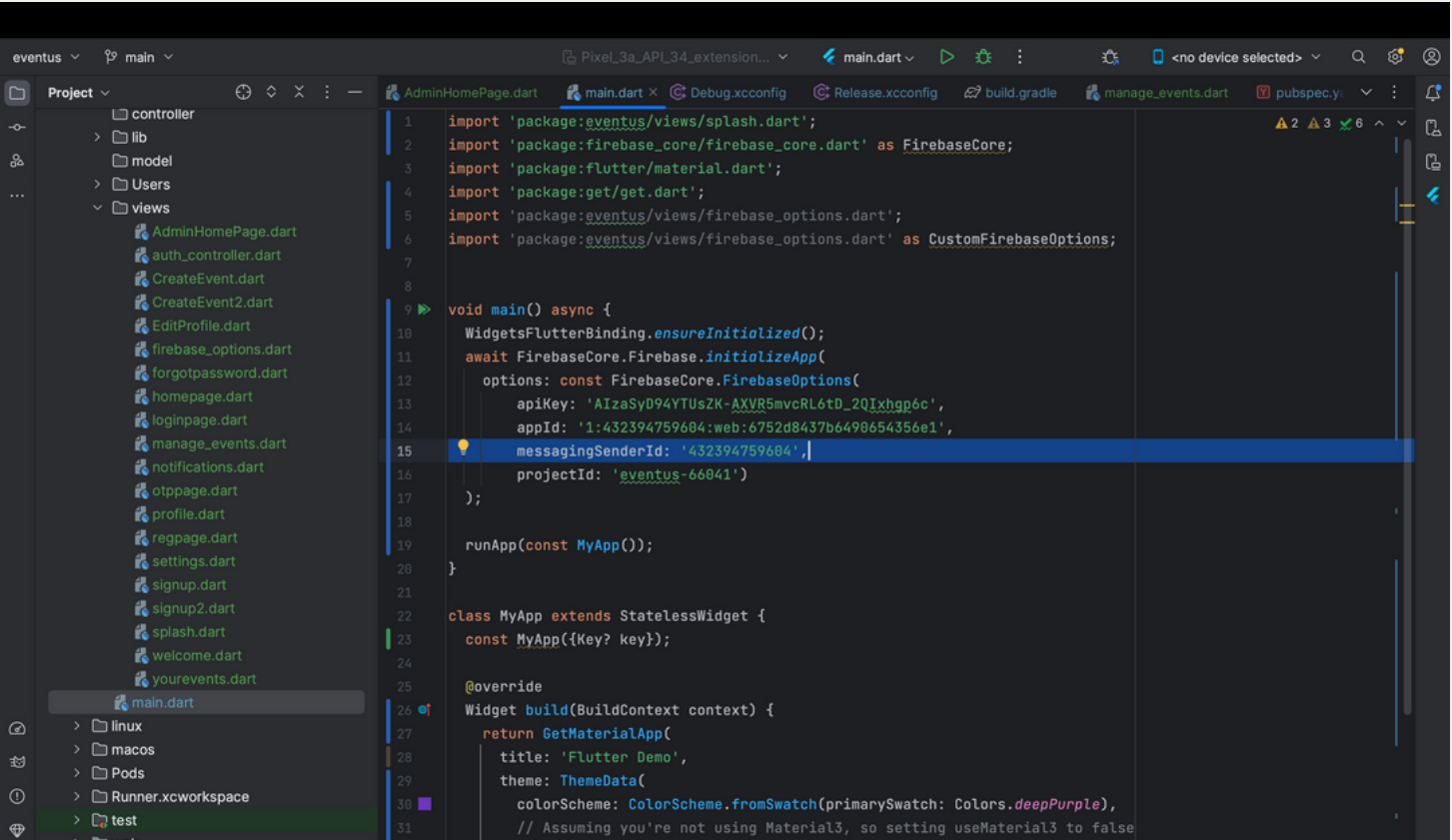
A leaderboard will be maintained to award students with points after successfully attending an event/participating in a club activity to encourage their engagement. This data will also be available to the club leads which will help them while rewarding club members with merchandise, certificates, etc. Certificates will be awarded according to an existing template, either provided by the club/app generated, immediately after the session ends so that the students can upload them on their social media/resume.



HOW DO FLUTTER AND FIREBASE WORK TOGETHER

User Authentication:

- When users open the app, Flutter presents them with screens where they can log in or register.
- Behind the scenes, Firebase Authentication securely handles the authentication process, verifying user credentials.
- Upon successful authentication, Firebase sends authentication tokens back to Flutter.
- These tokens allow Flutter to manage user sessions, ensuring that authenticated users can access the app's features and personalized content.

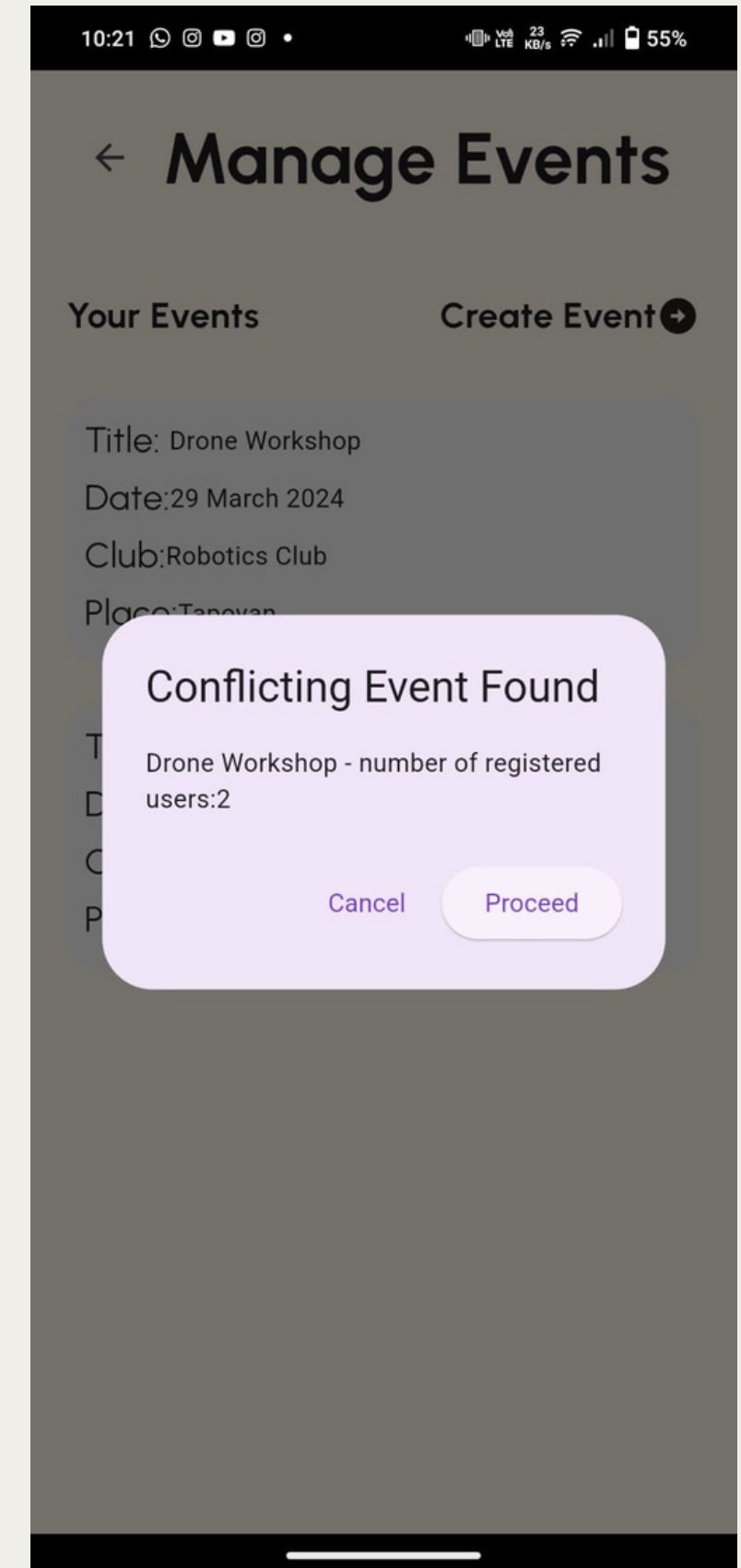


Event Management:

- The app displays a wide range of events within the college community.
- Firebase Realtime Database serves as the backend storage for event-related data, such as event names, descriptions, dates, locations, and organizer details.
- Flutter communicates with Firebase Realtime Database through Firebase SDKs to fetch and display event information.
- Any changes or updates made to event details are instantly reflected in the app's user interface, thanks to Firebase's real-time capabilities.

Communication:

- Firebase Cloud Messaging enables Flutter to send push notifications to users, keeping them informed about event updates, reminders, or important announcements.
- Users receive timely notifications about new events, changes in event details, or last-minute reminders, enhancing communication and coordination.



Performance and Scalability:

- Firebase's scalable infrastructure ensures that our app can handle increasing numbers of users, events, and data without compromising performance.
- Flutter's efficient rendering engine and Firebase's real-time capabilities work hand in hand to provide a responsive and smooth user experience, even during peak usage times.

**In summary, our app makes it easy for college students to plan and join events.
You can connect with others, organize events, and join in with just a few taps.
It's simple, efficient, and enjoyable for everyone involved.**