

BICYCLE TRACKING APP

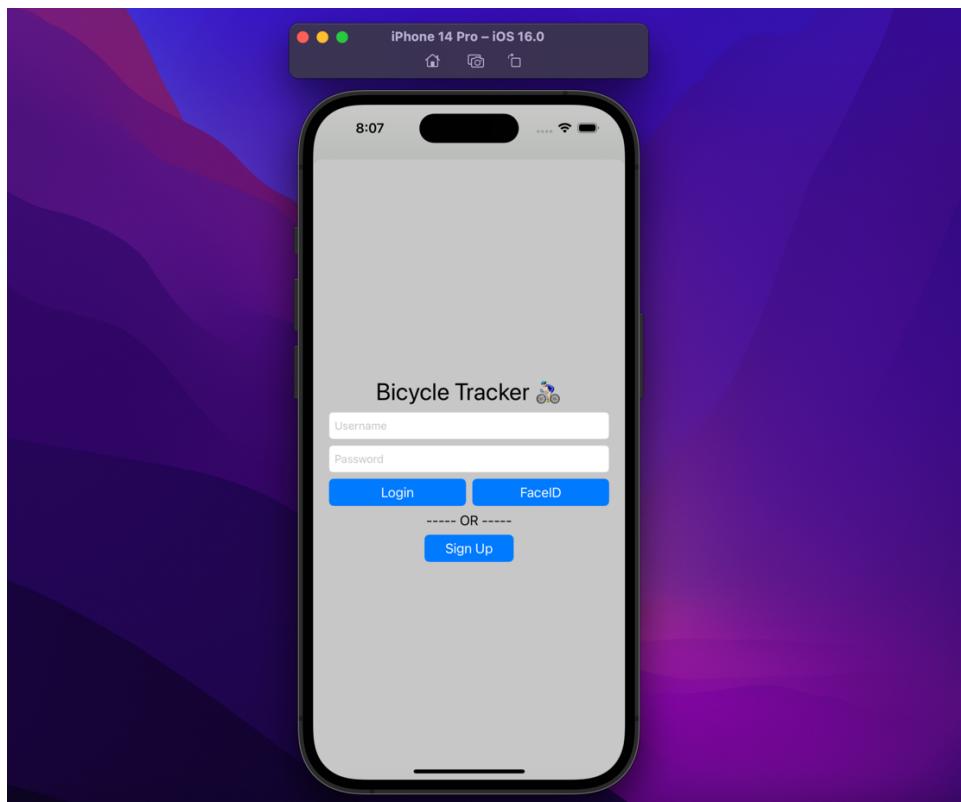
This app is an idea to track the distance and route of an user who wants to track his daily cycling activity. Users can able to view their past tracking history and can able to track his ongoing trip.

Features:

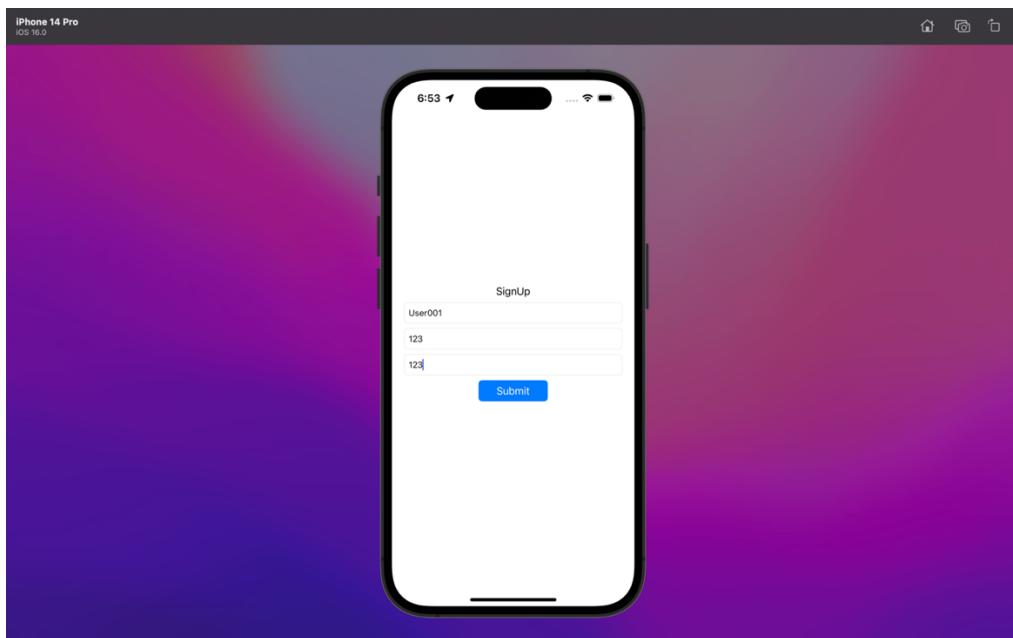
- Login/Signup:
The first-time user needs to register in the application using Signup feature. And later, user can login using credentials provided at the time of registration or use Face Id which is enabled as part of login functionality.
- Track:
It tracks the speed, altitude and time of the user once they click on play button. If user wants to pause for some time, then the user can click on pause button and when they click on start button, the ride gets resumed and check button is used to save the ride.
- History:
It consists of all the previous rides of the user so it is easy to track his metrics in the past rides.
- Account:
This tab consists of profile picture, username and Logout button. User can use Logout button which helps to sign-out from the application and navigates to login page

Steps to use application

This is the login screen of the application.



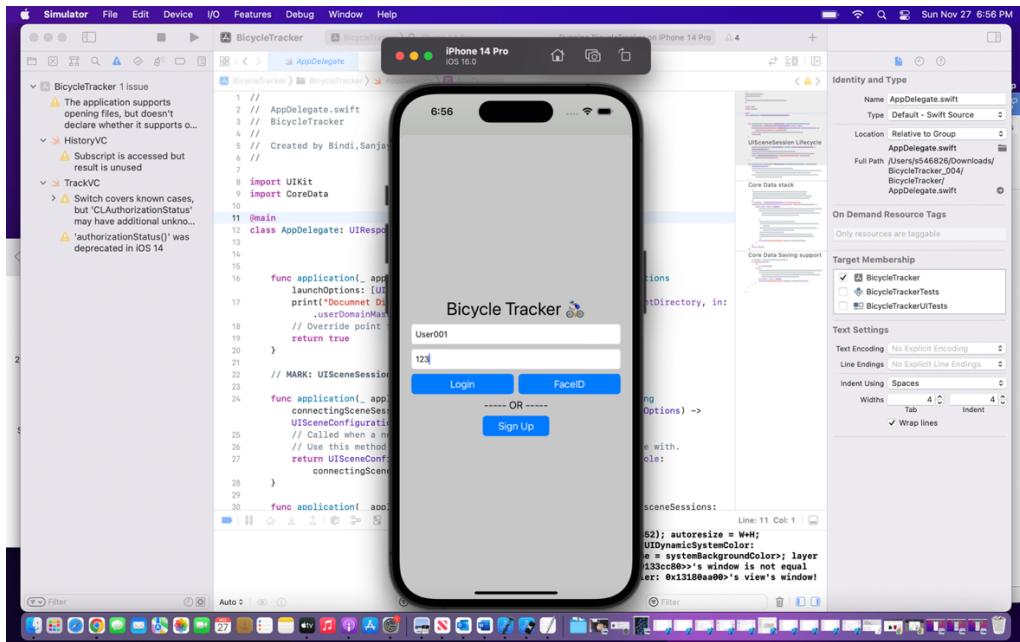
Step 1 : SignUp page



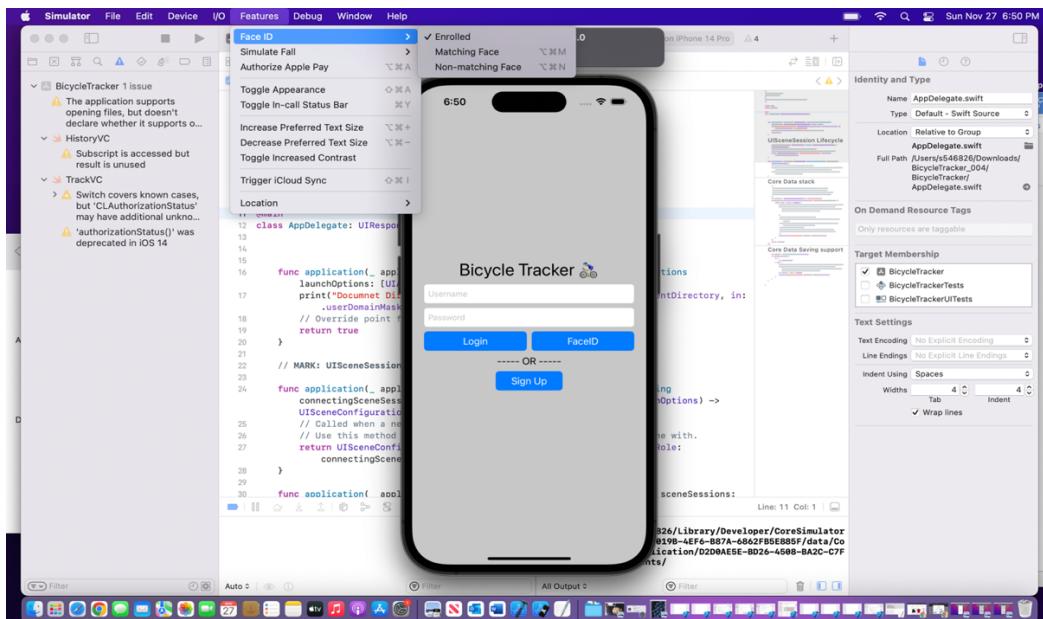
If a user is new to the application or a first-time user, he needs to create his profile by filling the information that includes username, password, confirm password and click on submit button. The user data is saved and redirects back to login screen.

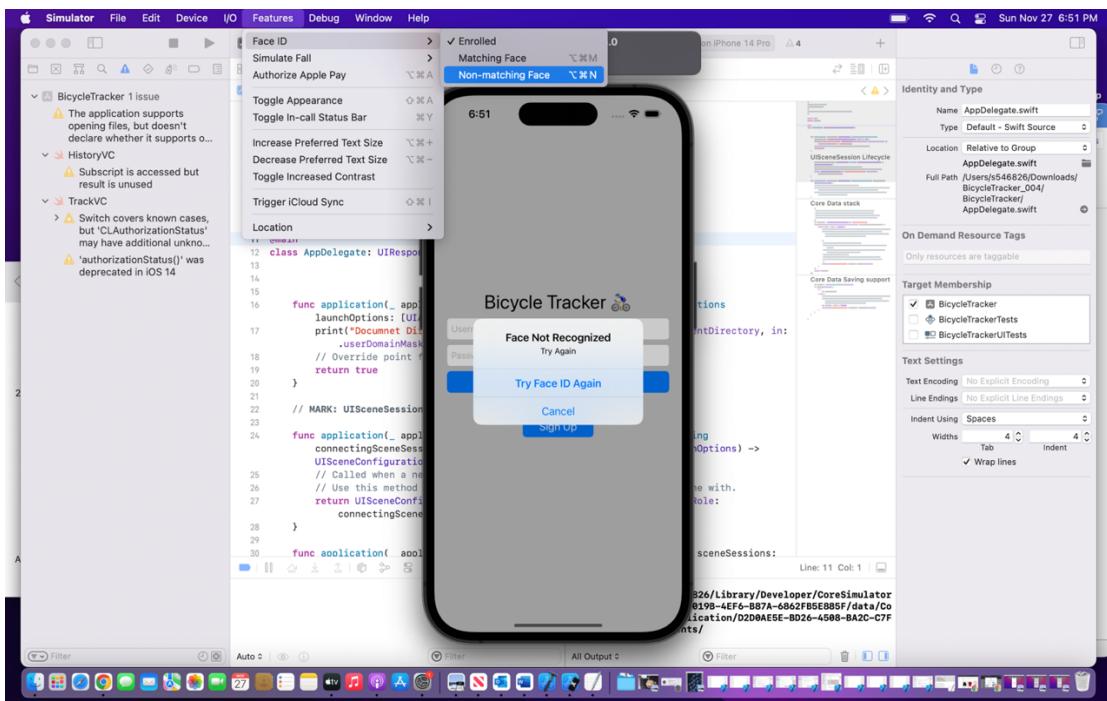
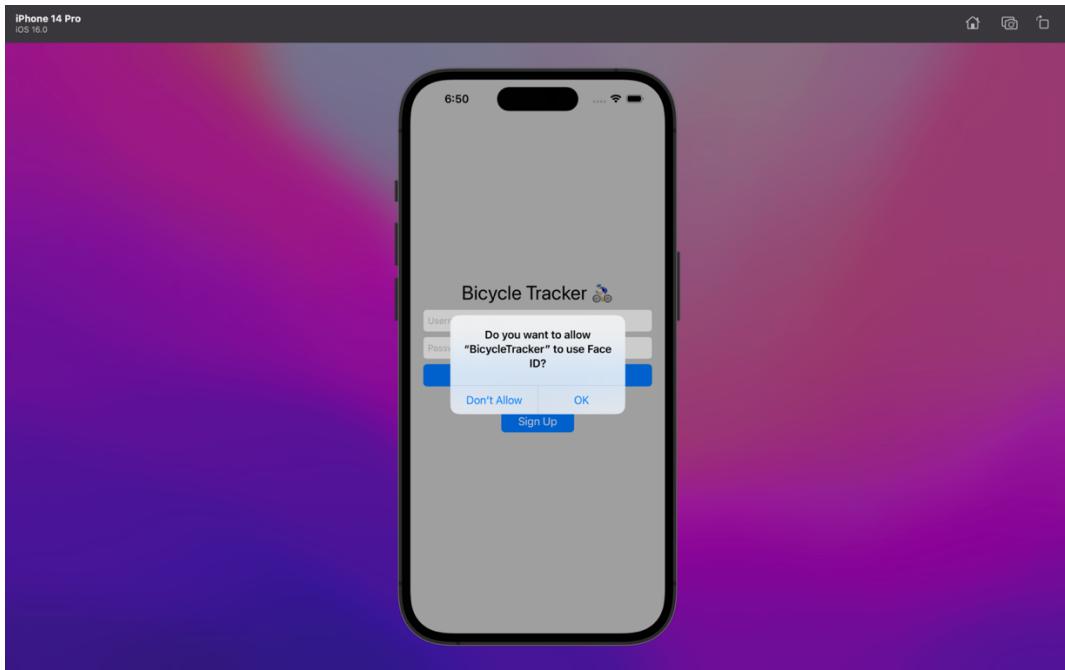
Step 2: Login Page

Using Username and Password



Using FaceID

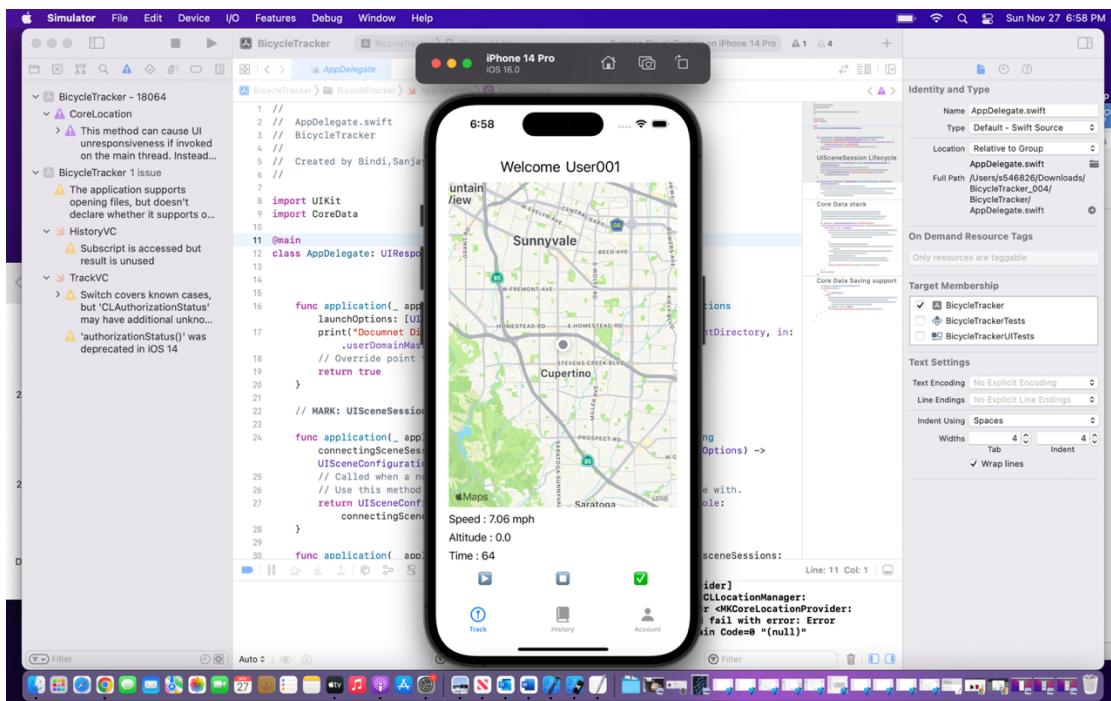
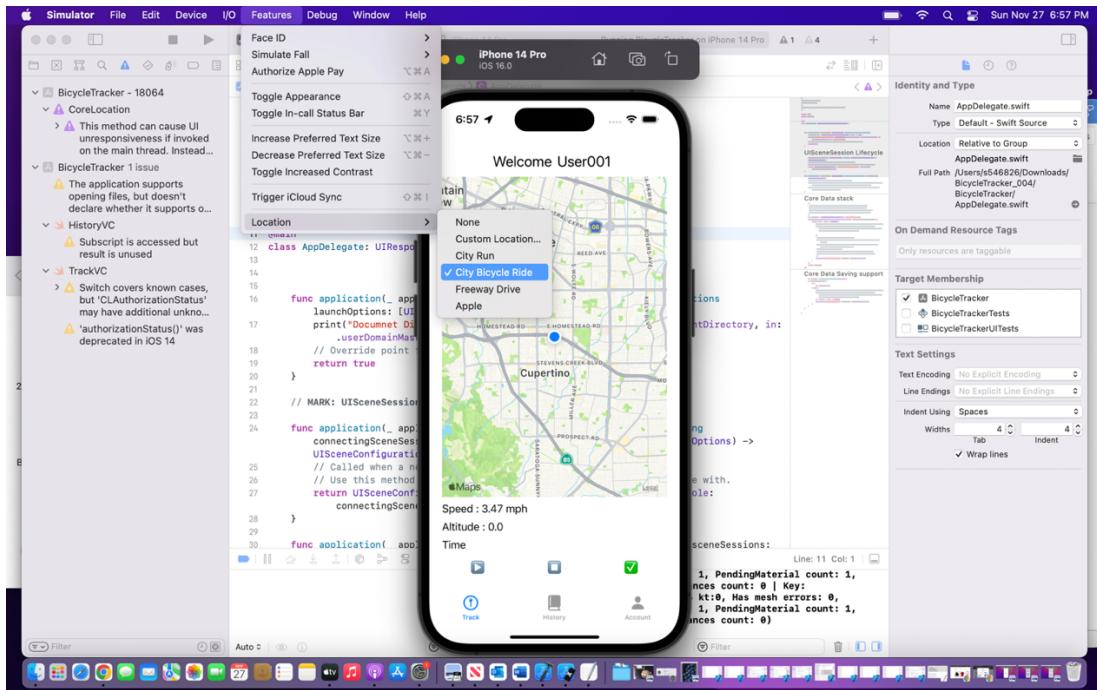




This is the login screen of the application. The login screen has a Username (text field), password (text field), Login, Sign Up and FaceID(buttons). The user can login in two ways. one using his login credentials and other way is using FaceID. When a user enters login credentials and clicks on the Login button, it gets logged in into the application. If user wants to login using FaceID, he needs to select enroll in the FaceID feature then select

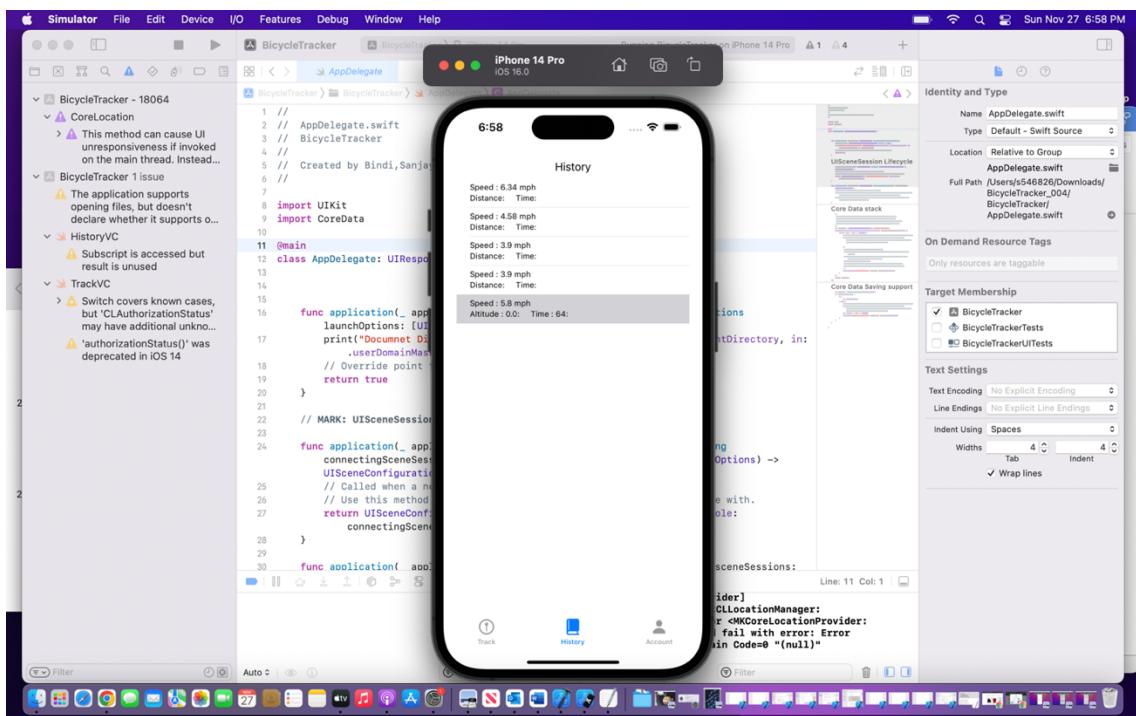
matching face option. If user mistakenly selects non-matching face, app displays a pop up message saying try again. Once user successfully gets logged in, he can play with the application.

Step 3: Track



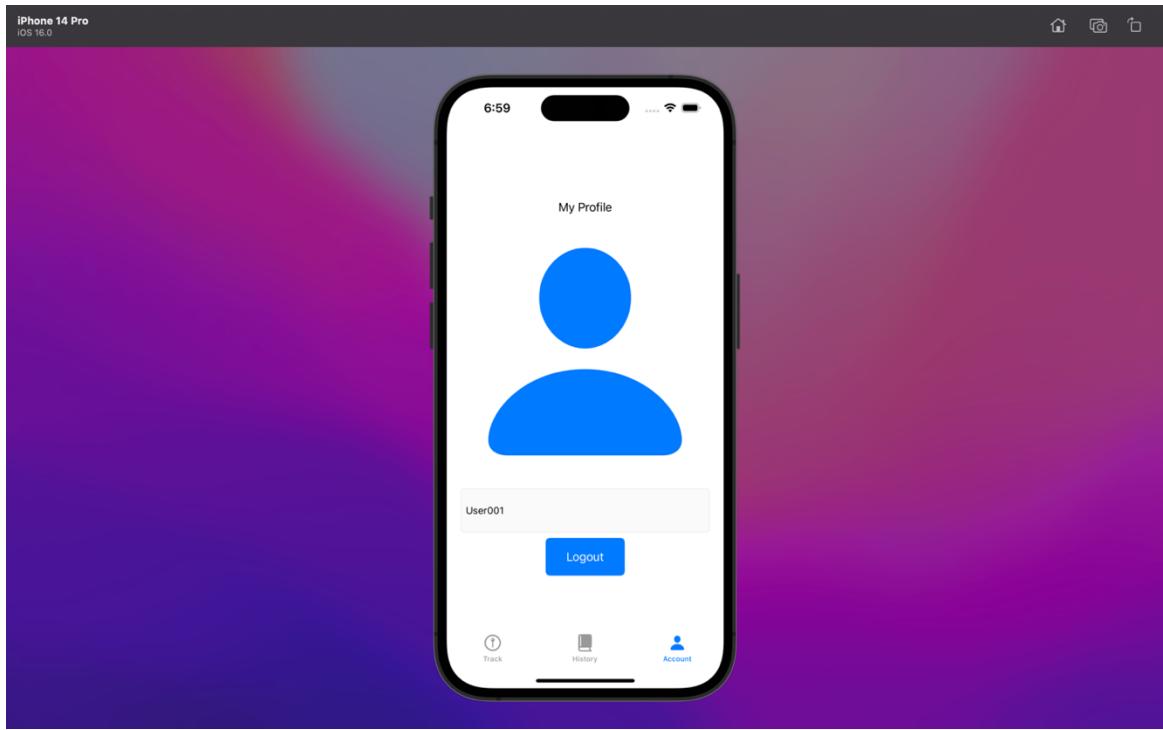
The tracking screen includes buttons such as Start, stop, and green check. It also includes a map with the location of the user and his ongoing route. User can view their ongoing route cycling metrics, including time cycled, speed, and altitude. Below there is a navigation bar that includes history, and settings. This bar is fixed at the bottom for all the screens except login screen and the user can navigate from one screen to another screens by clicking on those buttons. User has a flexibility to navigate to any screen without a particular order. When a user clicks on the history tab, it navigates to the history screen. When user wants to start his route, he needs to select location and then choose City Bicycle Ride from feature option and then click on play button below the map view so that the pin starts moving and time gets started. If user wants to end his ride, he needs to select location and then choose none from feature option and click on stop button below the map view. Now user can tap on green check button to save his ride details which are viewed on the screen.

Step 4: History



The History screen includes all the past cycling routes in an easily readable list. It clearly shows the previous cycled history of the user including date, time, altitude, and speed.

Step5: Account



The Accounts screen helps user can view his profile picture, username, and it has logout button which helps in logging out from the application.