

Team 3 Meeting

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1 Backend

In the first portion of the meeting we discussed the requirements from the backend.

- Firebase
- Dealing with data
 - Battery
 - Location
 - Timing
- Profiles
 - Design database structure of profiles (agree format).
- Estimate route, when dropped out of range (long term)

2 Android Application.

In the second half of the meeting we discussed what should be included in the application codebase. We agreed on the following.

- Use of sensors.
 - Location
 - Accelerometer
- Timer (separate from backend timer)
- Having the app running in the background.
- Use the Android API to send text messages.
- Using fragments (JetPack) to realise maintainable navigation. We also agreed on a general map that one could take through the application.

3 Other Planning

Finally we discussed issues external to the app and to the backend.

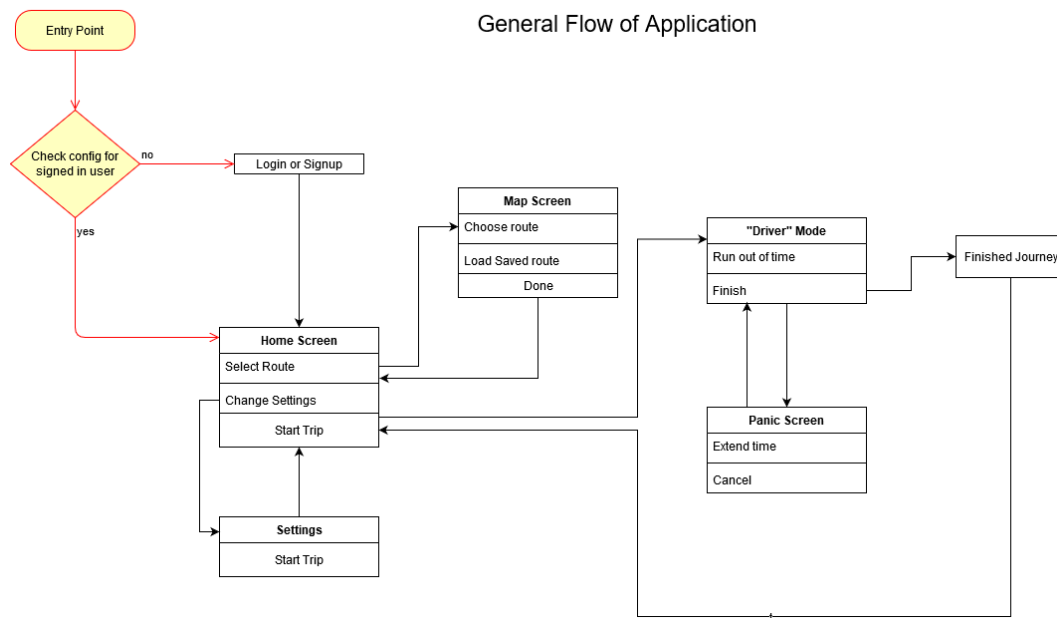


Figure 1: General application flow diagram

3.1 Roles in team 3.

Cian will be the team lead and Seán will fill the role of secretary (note: find outfit).

3.2 Conditions

In the next meeting we will discuss the conditions which will cause the app or the backend to enter a state in which it thinks the user is in trouble. The topics to discuss with relation to this are:

- Timing - how long after running out of time will it worry.
- Backend - The same as above but the for the seperate backend timer.
- Sensors - Find out more about the level of acceleration to worry about.