

## RoadBuddy

Developed by **RoadBuddy Team**

Revision data 3/11/25

Release date 3/11/25

## Release Plan

### Roles:

- **Aurelia:** Front-End Developer
- **Fiona:** Front-End Developer
- **Ian:** Back-End Developer
- **Jason:** Back-End Developer, Product Owner
- **Truong:** Back-End Developer

### High Level Goals.

- We want to create a user-friendly mobile application
- We want users to be able to post and join rides, specifying starting and ending locations
- We want to implement in app messaging and payment methods
- We want notifications for upcoming rides

### User Stories

- Sprint 1
  - 1.1
    - I, as an unregistered user, want to register for the service so I don't have to enter my information every time I use the service. [13 story points]
  - 1.2
    - I, as a registered user, want the ability to login and logout as I wish. [8 story points]
- Sprint 2
  - 2.1:
    - I, as a user, need to be able to make carpool offers and a request so that I can either get a ride or carpool buddy.[13 story points]
  - 2.2:

- I, as a user, need to be able to see carpool offers and requests so that I can either get a ride or carpool buddy.[8 Story points]
  - 2.3:
    - I, as a driver, need to specify the amount of people I can take in my car so that other people can plan accordingly.[3 story points]
  - 2.4
    - I, as a driver, need to be able to cancel my ride offer so that if any emergency happens, people know that I can no longer drive.[2 story points]
- Sprint 3
  - 3.1
    - I, as a driver, want to charge passengers for my service so I can make some money. [13 story points]
  - 3.2
    - As a passenger, I need to be able to accept a driver's carpool offer so that I can get to my destination. [8 Story points]
  - 3.3
    - I as a passenger, I should be able to sort the trips by price so I can pay [3 story points]
  - 3.4
    - I as a driver, I need to be able to remove passengers from my group should I wish to do so. [2 story points]
- Sprint 4
  - 4.1
    - I, as a driver, should be able to delete my service so if emergencies happen I can choose not to drive. [5 story points]
  - 4.2
    - I, as a user, need to be able to message my driver/passenger(s) so I can organize the carpool. [13 story points]
  - 4.3
    - I, as a driver and passenger, want to be notified when a passenger in my ride has cancelled or the owner of a ride has deleted a ride that I am a passenger in. [ 5 story points ]

## Product Backlog

- Unpaid trip option during trip creation and acceptance
- Automatic base-url configuration during backend setup in frontend/RoadBuddy/configs/base-url.tsx
- Search by pickup and destination for rides
- Paying riders and refunding passengers
- Allow users to see how much money they've made as a ride
- Allow users to transfer their funds to their bank account
- Displaying estimate time of arrival from pickup to destination
- Real-time updates of passengers location during the ride
- Rating system for passengers and drivers
- Allow users to editing their posts