

RoadBuddy

Developed by **RoadBuddy Team**

Revision Date 3/11/25

Sprint Completion Data 3/11/25

Sprint 4 Plan

Goal: MVP Polishing, Messaging between users via app, Version Completion

Roles:

- **Aurelia:** Front-End Developer, Scrum Master
- **Fiona:** Front-End Developer
- **Ian:** Back-End Developer
- **Jason:** Back-End Developer, Product Owner
- **Truong:** Full-Stack Developer

User Stories/Tasks:

- **#01: I, as a driver, should be able to delete my service so if emergencies happen I can choose not to drive.** [5 story points]
 - Provide an option to allow user to cancel/delete a ride [2 hours]
 - Create cancel and delete endpoints in the backend to allow the frontend send requests when a user wants to cancel or delete a ride.
[3 hours]
- **#02: I, as a user, need to be able to message my driver/passenger(s) so I can organize the carpool.** [13 story points]
 - Frame of Messaging UI In React Native (no DB connectivity) [2 hours]
 - Messaging UI Styling for React Native [4 hours]
 - Messaging functionality in backend [6 hours]
 - Connect Messaging UI Frame to backend [< 2 hours]
 - *care for spikes due to bugs, blocks
- **#03: 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]
 - Set Up an endpoint in the backend to allow the frontend to ask if the user has any new notification. [2 hours]

- Send a notification to the owner of the ride if a user cancels. [< 1 hours]
- Send a notification to all the passengers if the owner has deleted the ride. [< 1 hours]
- All notifications are stored in Firestore. [1 hours]
- Create notification page in the frontend [1.5 hours]
- **Old tasks/bugfixes/other**
 - Prevent old trips from showing up in React Native [Finished]
 - Requests screen in React Native(temp)
 - Requests screen in React Native(styling)
 - Upcoming events in home screen in React Native
 - Delete Passengers API
 - Update READMEs
 - Folder organization(components vs. screens)

Scrum Board:

User Story	To-Do	In-progress	Done
I, as a driver, should be able to delete my service so if emergencies happen I can not drive.			Provide an option to allow user to cancel/delete a ride (Truong) Implement a cancel/delete endpoint in the backend(Truong)
I, as a user, need to be able to message my driver/passenger(s) so I can organize the carpool. .			Messaging UI in React Native(Aurelia) Messaging DB functionality (Jiancheng, Truong) Connect messaging UI to DB(Truong)

			Messaging UI Styling(Aurelia?)
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			<p>Set Up an endpoint in the backend to allow the frontend to ask if the user has any new notification. [Truong]</p> <p>Send a notification to the owner of the ride if a user cancels. [Truong]</p> <p>Send a notification to all the passengers if the owner has deleted the ride. [Truong]</p> <p>All notifications are stored in Firestore. [Truong]</p> <p>Create notification page in the frontend [Truong]</p>
Etc(bugs, UI improvements...)			<p>Prevent old trips from showing up in React Native(Truong)</p> <p>Bugs: Available rides error, rides error, gitignore (Aurelia)</p> <p>Update READMEs(Ian)</p>

Past Tasks			<p>Upcoming rides in home screen in React Native (Fiona)</p> <p>Sort button (ascent, descent, by criterion) (Aurelia)</p> <p>Available ride sort styling(Fiona)</p> <p>Post Ride styling(Fiona)</p> <p>Add Car styling(Fiona)</p>
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Daily Scrum:

Monday (in-person) @ 9:30 - 10:30 AM

Wednesday (zoom) @ 2:00 - 3:00 PM

Friday (in-person) @ 9:30 - 10:30 AM

Burn-Up

