

COSC 341: Human Computer Interaction

Course Project: Step 3 - Group 41 Carpooling App

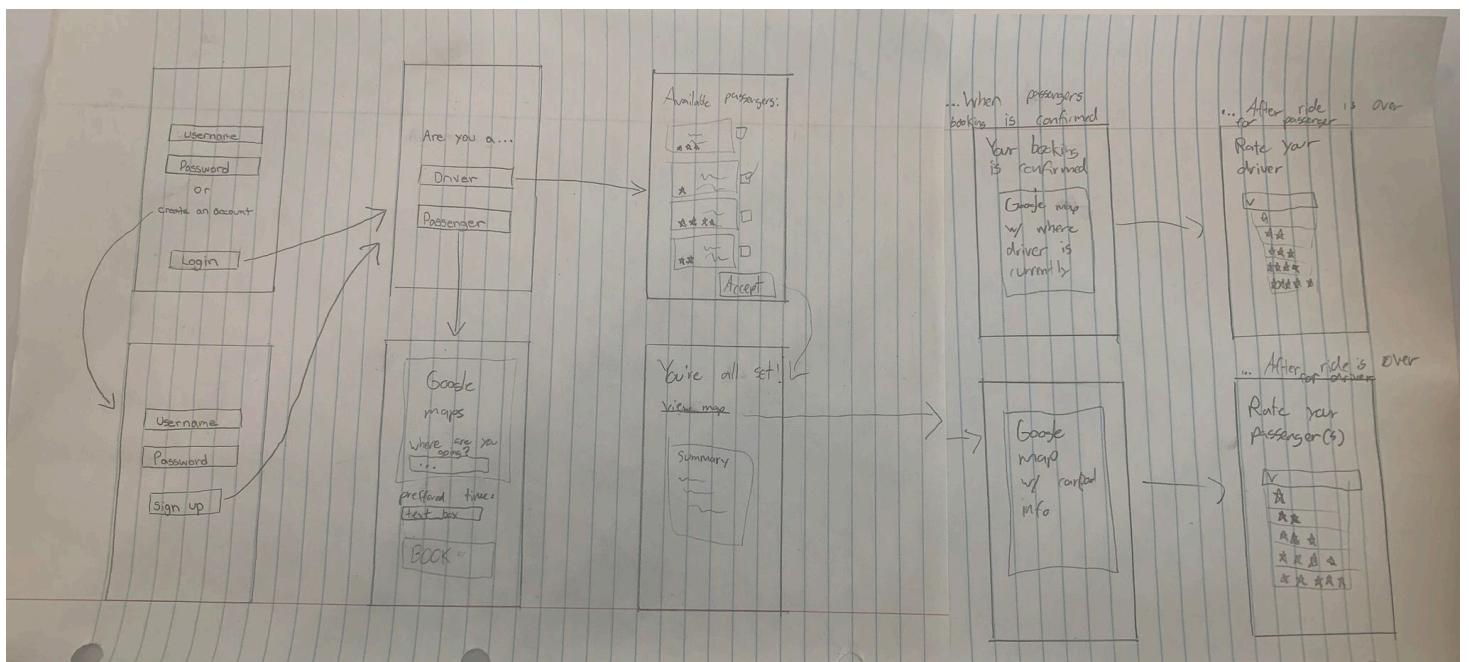
Team members: Aditya Tripathi, Darion Pescada, Gabriel Mercier, Jesse Lazzari, and Sam Garg

1. Four major tasks:

- 1) Once a user is logged into their account, present the user with a view to select if they are a carpool driver OR passenger
- 2) If user selects passenger, present view with a map where a user can select a preferred time and their carpool destination
- 3) If the user selects the carpool driver option, present a view of available postings and present an option to accept suitable passengers to join their carpool.
- 4) Once the carpool ride is over, present the passenger user with a view to rate their carpool driver and present the driver user with a view to rate the carpool passenger(s).

2. Paper Prototypes:

Initial Paper Prototype



3. First Evaluation:

User 1 feedback - Oskar Danks:

- The first prototype doesn't have an option to reset your password if you forget it on the login screen
- No option to logout of the app

User 2 feedback - Justin Mckendry:

- There is no account settings page to edit my profile info
- I am not able to cancel/delete a post if I change my mind about my carpool location
- There is no back button on any of the screens

User 3 feedback - Chad Lantz

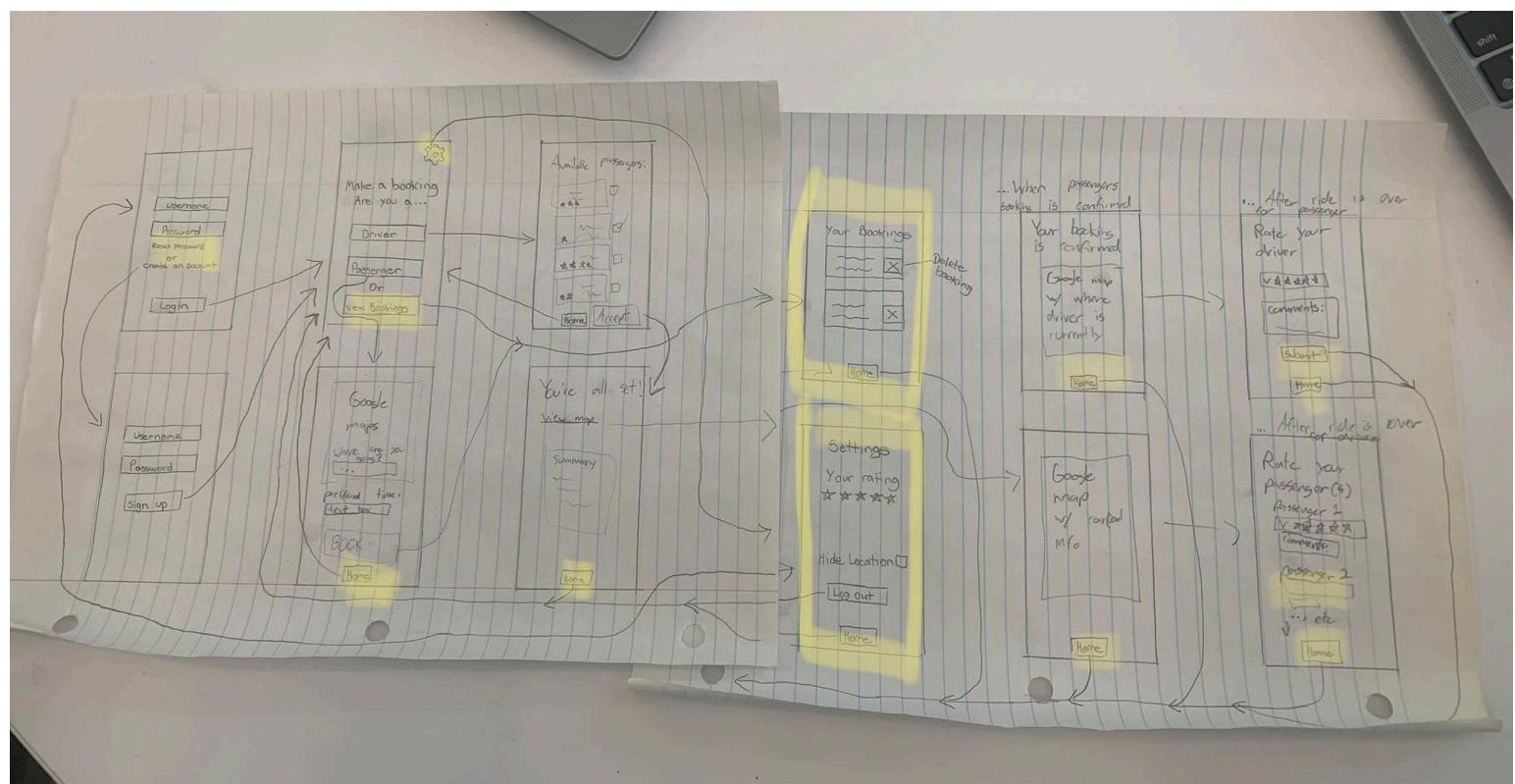
- The first thing I noticed was your forced to make a booking, there's not an option to view any of my current bookings if I had made any in the past
- There's no option to leave written feedback about a driver
- The rate your passenger(s) screen only has one option, but you actually need individual ratings if there's more than one passenger

4. Modifications:

What we have changed - Key differences

- Added reset password option
- Added option to logout
- Added an intermediary screen that shows your current bookings
- Added back home buttons to screens
- Added text boxes to review your driver/passenger screens
- Added individual review boxes for number of passengers
- Added button to view your settings page, on click presents user with a view to edit their account information
- From within settings page you can now view your personal rating

First Evaluation Revised Prototype



5. Second Evaluation:

User 1 feedback - Scott Konkin

- Preferred times should be a dropdown instead of a text box
- Aesthetic (logo at the top)

User 2 feedback - Tatum Adair

- Preferred date option to book in advance
- Notification when your booking is coming up

User 3 feedback - Noah Rother

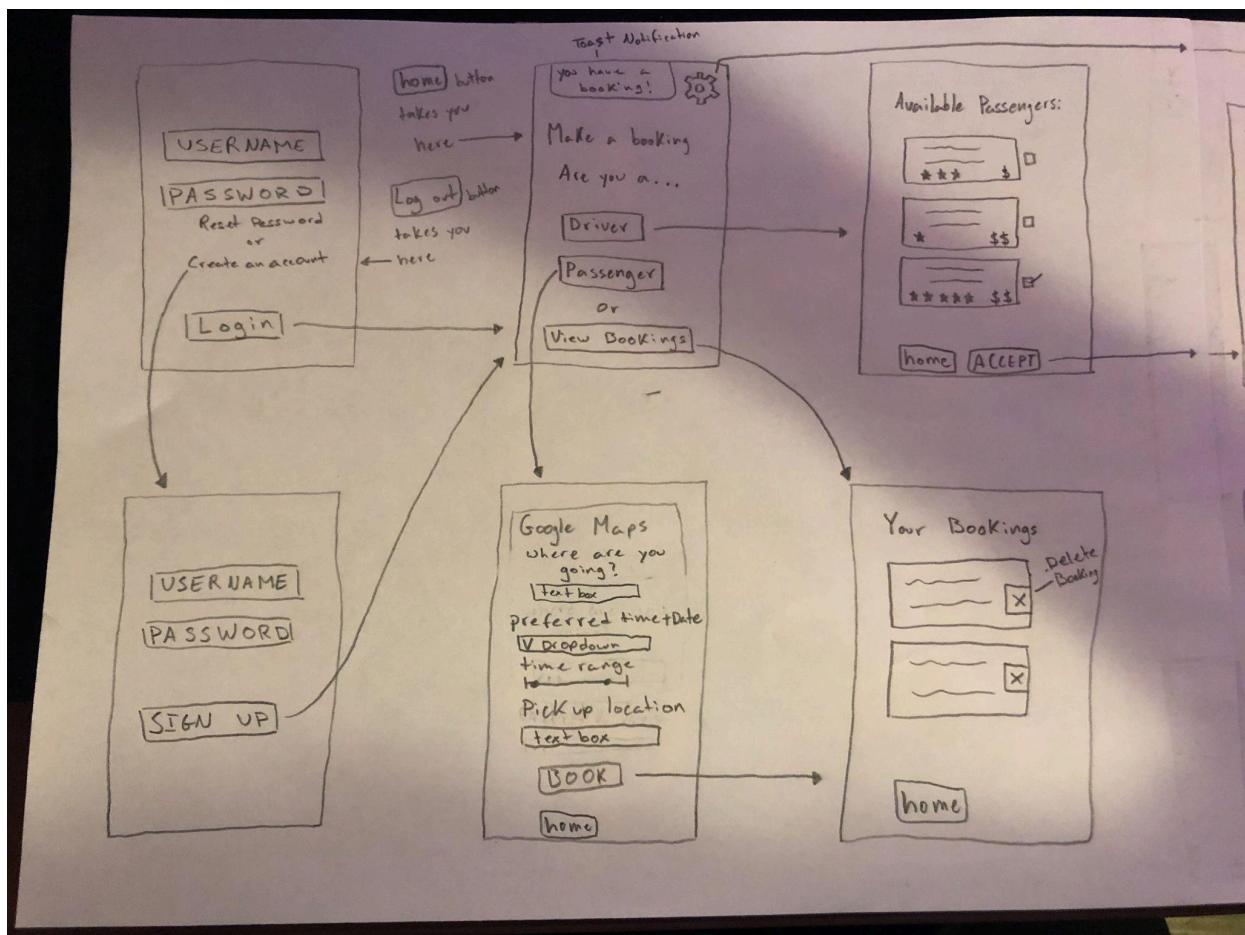
- How much flexibility does the passenger have?
- Preferred time but also should include a time range
- Pick up location: passenger could choose between current location or to insert an address

Second evaluation modifications:

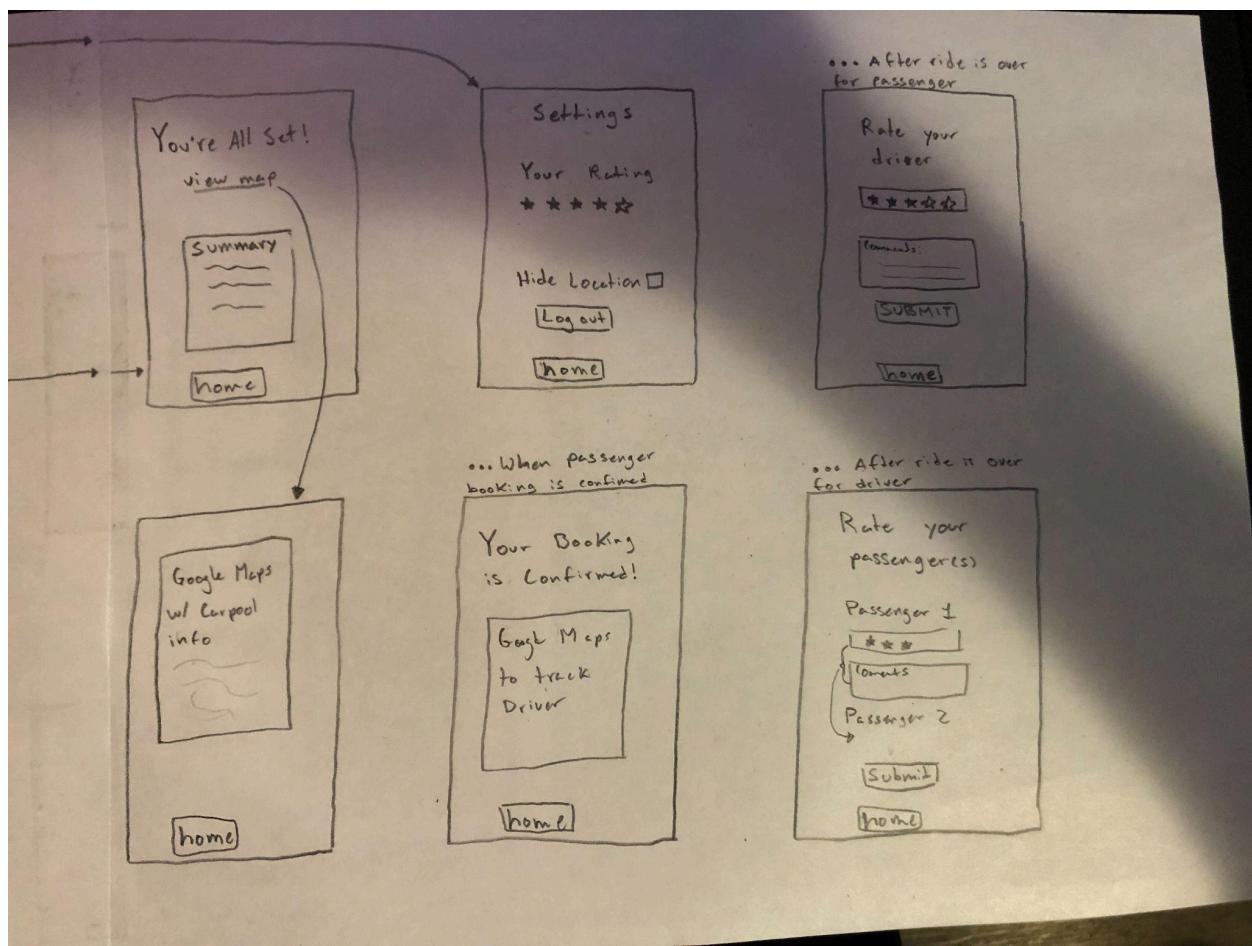
What we have changed - Key differences

- Added dropdown menu for preferred times,
- Added toast notification when booking is made
- Added time range option under preferred time dropdown menu

Second Evaluation Revised Prototype - Page 1



Second Evaluation Revised Prototype - Page 2



6. Video link for all four tasks: <https://www.youtube.com/watch?v=Lcid-AAuwc0>