SPF 1

Team 1

Revision history

Version	Date	Reason
1.0	2021-09-08	First draft
1.1	2021-09-08	Added priority to each user story and issue

1 Product Backlog 1

The entries are labeled as X.Y.Z where this represents a unique identifier as Epic.Story.Issue.

1. User registration and authentication

    1.1 As a user, I can register for the service as rider, drivers, or both (HIGH)

    1.1.1. All users register full name, email, and phone number (HIGH)

    1.1.2. If a user is a driver, they register car brand, model, color, and licence plate (MEDIUM)

    1.1.3. Design registration window (HIGH)

    1.1.4. Add a registration button in the login window (HIGH)

    1.1.5. Add functionality to the registration button (HIGH)

    1.1.6. As a registered user, I want to be able to log in and out (HIGH)

    1.1.7. Users log in using email (HIGH)

2. Matching

    2.1 As a driver/rider, I select two cities and a time (HIGH)

    2.1.1. If a user is registered as "both", they have to specify if riding or driving (LOW)

    2.1.2. Add a drop-down button of available cities (frontend) (HIGH)

    2.1.3. Add functionality to the drop-down of available cities (backend) (HIGH)

    2.1.4. Add a "Create Drive Instance"/"Create Ride Request" button for drivers/riders respectively (frontend) (HIGH)

    2.1.5. Design how to store the drive instances and ride requests (HIGH)

    2.1.6. If a request is created by a user it is added to the requests list (HIGH)

    2.2 As a driver I can also add cities on my route (LOW)

3. Matchmaking system

    3.1 As a user, if two users have matching routes, we want to be paired up (HIGH)

    3.1.1. Matches are made when there exists a driving instance, and there exists a rider request for a part of that route. (HIGH)

4. After successful match

    4.1 As a user, when a match is made, I want to be notified about the match and know how to recognize/contact each other (HIGH)

    4.1.1. Implement notifications in BASE (HIGH)

    4.1.2. Send notifications to specific user (HIGH)

    4.1.3. Send notifications to users from match making system (HIGH)

    4.1.4. Include useful information in notifications (car brand, model, color, driver/rider phone number) (HIGH)

    4.2 As a driver, I want to be able to decline a match (MEDIUM)

    4.3 As a rider, I want to be able to decline a match (MEDIUM)

5. Administration

    5.1 As administrator I can remove users (HIGH)

    5.1.1. Allow administrator to remove users (HIGH)