

## Release Summary

Hitch

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### Key User Stories and Acceptance Criteria:

#### Sprint 1:

User Story: As a user, I want a UI in which I can create an account.

Acceptance Criteria:

1. The account creation page should include fields for first name, last name, username, email, password, phone number.
2. Application should prompt an error when trying to register with a duplicate email, phone number, and username.
3. Upon successful registration, the user should receive a message that the account was successfully created, otherwise prompt an error.

User Story: As a user, I want to be able to logout of my account.

Acceptance Criteria:

1. Clicking the logout button should immediately log the user out and redirect them to the login page.
2. Upon logout, authentication token should be deleted alongside session data.

#### Sprint 2:

User Story: As a driver, I want to be able to post a ride I am interested in offering.

Acceptance Criteria:

1. The driver should have a "Post a Ride" option in their dashboard.
2. The UI for posting a ride should allow the driver to enter details such as origin, destination, time, and price.
3. Posted rides should be stored correctly into the database.

User Story: As a user, I want a UI displaying my Geo-location, so I can plan or view my active/pending rides.

Acceptance Criteria:

1. The UI should display the user's current Geo-location on a render map.
2. Active and pending rides associated with the user should be visually represented on the map or in a list.

#### Sprint 3:

User Story: As a rider, I want to be able to search through available rides near me and filter by price.

Acceptance Criteria:

1. The search feature should display available rides based on proximity to their location.
2. The rider should be allowed to filter available rides by price.
3. The search results should include information regarding each ride.

User Story: As a rider, I want to be able to request to join an available ride.

Acceptance Criteria:

1. The UI should provide a "Request to Join" button on each available ride.
2. Clicking the button should send a request to the driver.
3. The rider should receive confirmation or feedback on the status of their request.

User Story: As a driver, I want to be able to accept or decline incoming requests to my ride.

Acceptance Criteria:

1. The driver should receive updates for incoming ride requests.
2. The UI should provide options to accept or decline incoming ride requests.
3. The rider should receive an update of whether their request was accepted or declined.

#### **Sprint 4:**

User Story: As a rider, I want to be able to leave a ride that I joined.

Acceptance Criteria:

1. The UI should provide an option for the rider to leave a joined ride.
2. The rider should no longer be associated with the ride after leaving.

User Story: As a driver, I want to be able to cancel my ride.

Acceptance Criteria:

1. The UI should provide an option for the driver to cancel a scheduled ride.
2. The ride should be removed from the system.

User Story: As a rider, I wish to view all rides that I have completed.

Acceptance Criteria:

1. The UI should have a section displaying the rider's ride history.
2. Completed rides should be clearly listed with relevant details.

User Story: As a driver, I wish to view all rides that I have driven and completed.

Acceptance Criteria:

1. The UI should have a section displaying the driver's ride history.
2. Completed rides should be clearly listed with relevant details.

#### **Known Problems:**

Authentication Token: We had encountered issues in retrieving/verifying the tokens. May have problems with any functionality that uses the tokens requested by the backend.

Mapping Rendering: On mount the startlocation is set to the current location of the phone. However there is a latency for this which might affect the start locations when posted to endpoints for the backend. May need to wait for the Icons to show before typing into start location input to avoid this.

**Product Backlog:**

## User Stories:

- As a user, I want a built-in chat in order to communicate with a driver or other riders.
- As a user, I want a UI to navigate through and be able manage/edit my account.
- As a user, I want a push notification to notify me when there are changes in my rides.
- As a user, I want to be able to make transactions to monetize my rides and pay for them as well.