

Brief Use Cases

Registering an Account

The user is presented with a registration form, allowing the user to submit all the needed information for creating an account. The system will present the user with multiple text and selection fields to submit information into, these fields include the users Username, Password, Email, whether the user is a driver or passenger, and their Date of Birth.

Request a Ride

The system will allow the passenger to choose a start time, start location, and end location for their trip. The system will then calculate how much the ride is going to cost, and then presents the passenger with the cost. The passenger then has the choice to finalize their ride or cancel.

Updating Payment Information

The system will allow passengers to update their current payment information, presenting the passenger with several payment methods to select from. The system will then notify the passenger that the payment information is valid and has been submitted successfully.

Updating Banking Information

The system will allow drivers to update their current banking information, giving the drivers a space to enter their new/updated banking information. The system will then notify the driver that the banking information has been submitted successfully.

Vehicle Registration

The system will allow drivers to enter their existing/new vehicle details. The system will then update drivers if their vehicle has been approved/disapproved for giving rides.

Choosing a Driving Location

The system will give the drivers a map and allow drivers to give a location and radius in which they are comfortable giving rides. The system will then only allow for rides in the area to be notified to the driver.

Fulfilling a Ride Request

The system will allow for drivers to check for any unfulfilled ride requests in their specified area, and then select to fulfill the request. This will notify the given passenger that a driver has fulfilled their request, giving the passenger the details of the driver and their vehicle, and the estimated pick up time.

Cancelling a Ride

The system will allow for drivers to be able to cancel a ride at any given time. However, with passengers, the system will only allow for cancelling before the driver has accepted the request.

View Details of Ride

The system will allow for both the driver and passenger to view the details of the ride at any given time. These details including the location, the start and estimated end times, the driver's details, the vehicles details, and the passenger's details.

Beginning and Ending a Ride

The system will allow for drivers to choose when to begin a ride, and when to end a ride.

Making Payment

The system will allow for passengers to make a payment to the system at the end of their ride. The price of the ride will be calculated by the system based on the kilometers travelled in the ride. The driver will be notified of a payment being made.

Rating Each Other

The system will allow for both passengers and drivers to rate each other at the end of a ride, on a star-based rating from 1 to 5 stars. Passengers and drivers can view each others' ratings at any given time.

