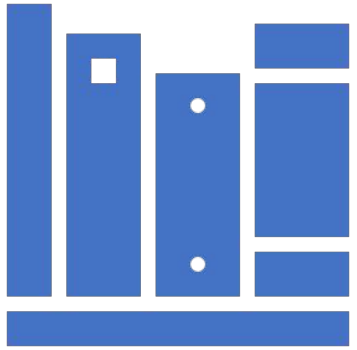


WCE HACKATHON'19

FareShare

1. Team name: Supreme_Squad
2. Team leader’s name: Ankita Agarwal
3. Name of the College: Walchand College Of Engineering, Sangli.
4. Theme and Subtheme: Smart and Safe Transportation - Private Transport Pooling

Project Abstract

- Vehicle pooling, is a web use of discovering vehicle in which drivers who are venturing out to work alone can request individual travellers through our application. For the individuals who utilize open transport system to go to work day by day can utilize this application to discover drivers who are making a trip to a similar goal in a short way. Beneficiary/User segment this idea is intended for.
- Stakeholders will be private car owners, travelling agencies, common travelers.
- Private car owners have empty seats while travelling. Due to this application they can share their fares as well as fuel can be efficiently utilized. This will reduce bad environmental impacts of vehicle exhaust.
- Usually people don’t go for car pooling because they don’t trust the drivers. In our application we are going to provide ratings and reviews so that passengers can fill safe to book the ride or offer ride

Team members' Roles and Responsibilities

- Ankita Agarwal (Leader) : Project Manager, Web Content Specialist
- Rushikesh Kawade (Team Member): Server Administrator, UI Developer
- Saurav Gaikwad (Team Member): UX Developer, Quality Assurance Tester
- Akhil Patil (Team Member): Web developer, Database Architecture

Market research

- Internet based service
- Through website people can book their seats
- Share vehicle with other people
- Register with valid identity
- As per availability people can book the car on the day of journey.
- Easy and convenient booking website (User Friendly)24/7 service
- Customer support system
- Partnership with other travel agencies and agent

IMPLEMENTATION

Objective:

- Save money: Sharing the vehicle with others reduces the cost per individual.
- Reduce stress: Read, listen to music, or relax when you're not driving.
- Save time: As a carpool, you can drive in the HOV (high occupancy vehicle) lane.
- Help the environment: Helps to reduce emission and safer communities.
- Prolong the life of your vehicle: Shared driving puts fewer miles on your own car.
- It reduces traffic: When three people carpool, there are two fewer cars on the road

IMPLEMENTATION

Proposed Design:

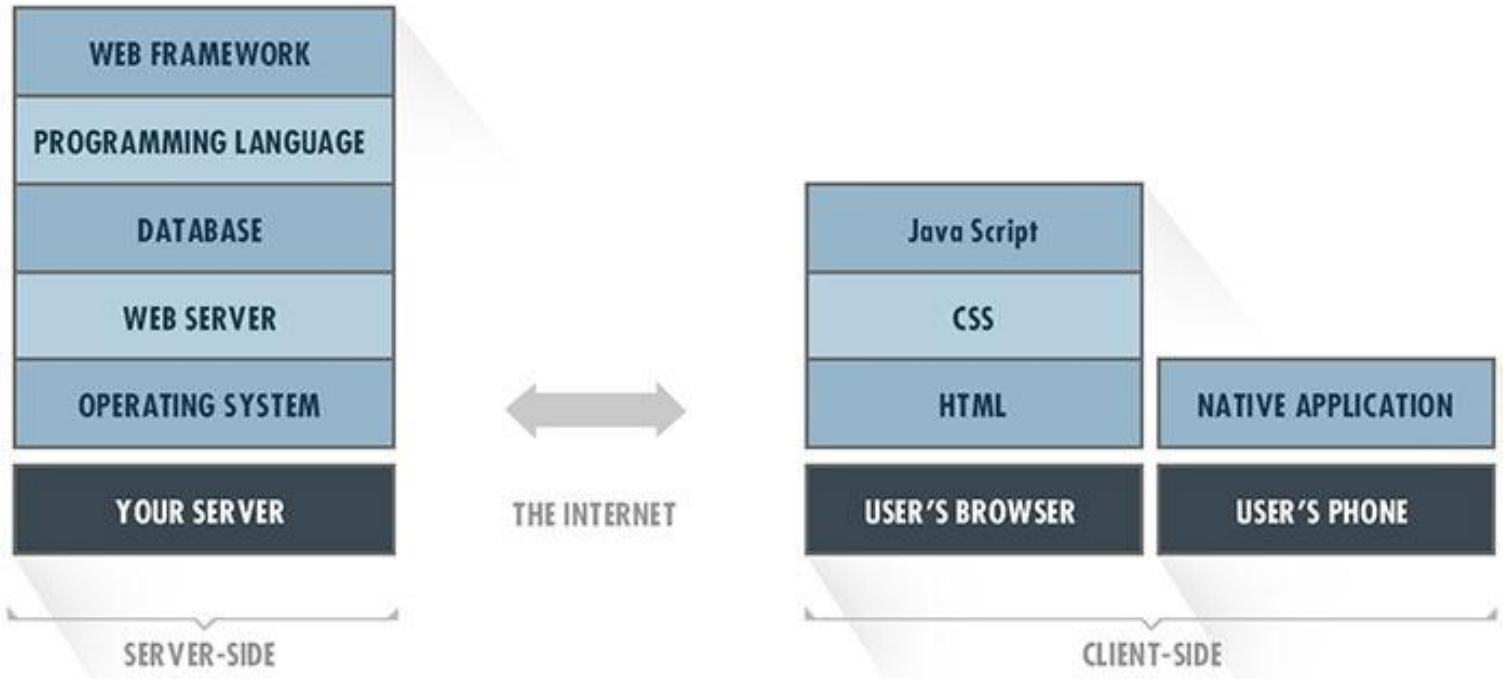
We are providing web application with mainly two options like;

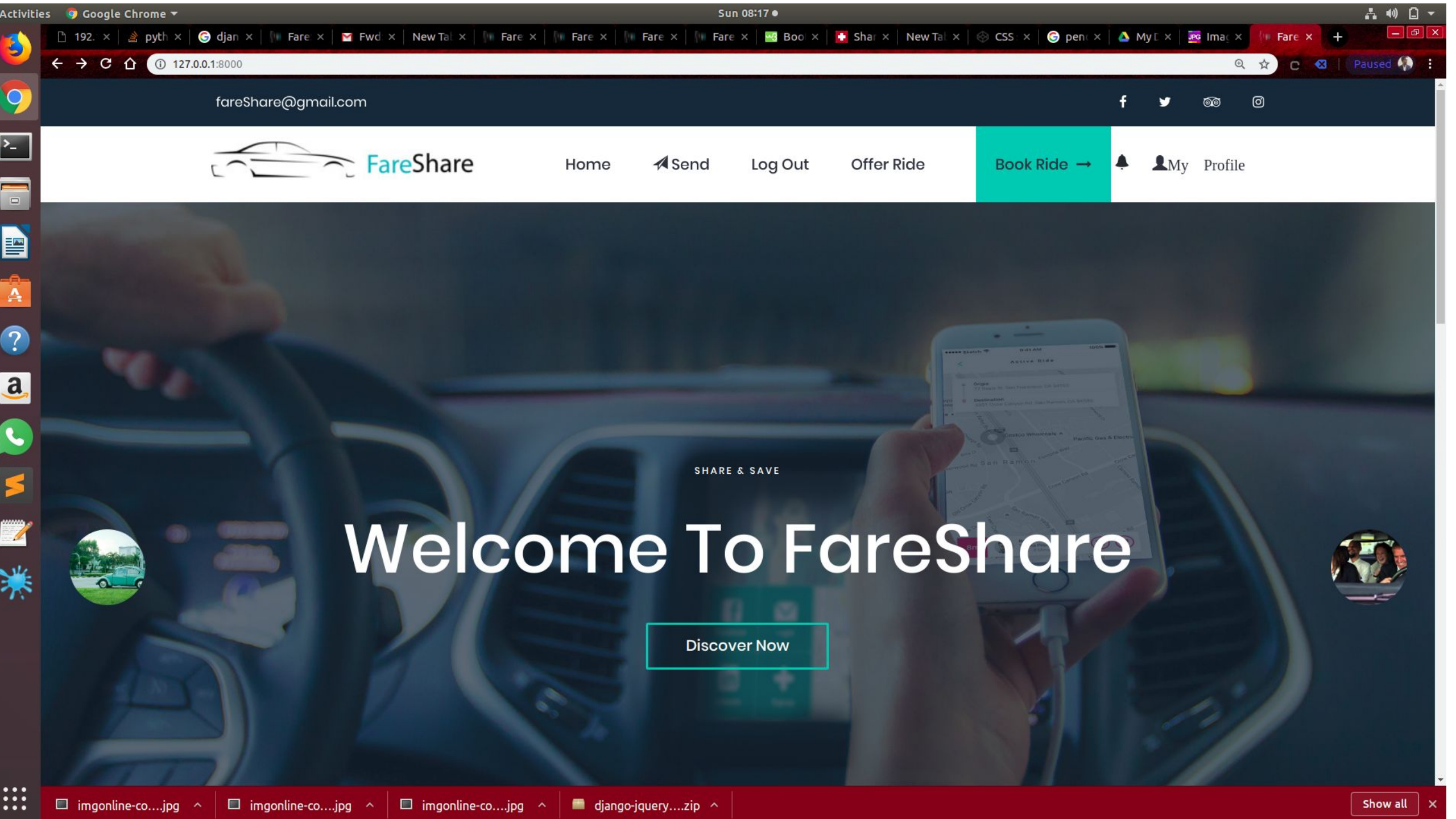
1. Book a Ride:
   - Passenger can search the ride with start and end point of journey.
   - He/she can book a ride from the list by checking the availability and ratings of the driver along.
   - While booking he/she can negotiate for fairs with driver.
   - User's parents can track theirs love ones location for security purpose.

2. Offer Ride:
   - Driver can put journey information such as start point, end point, intermediate points ,route, fare, car information.

IMPLEMENTATION

Technology Stack:

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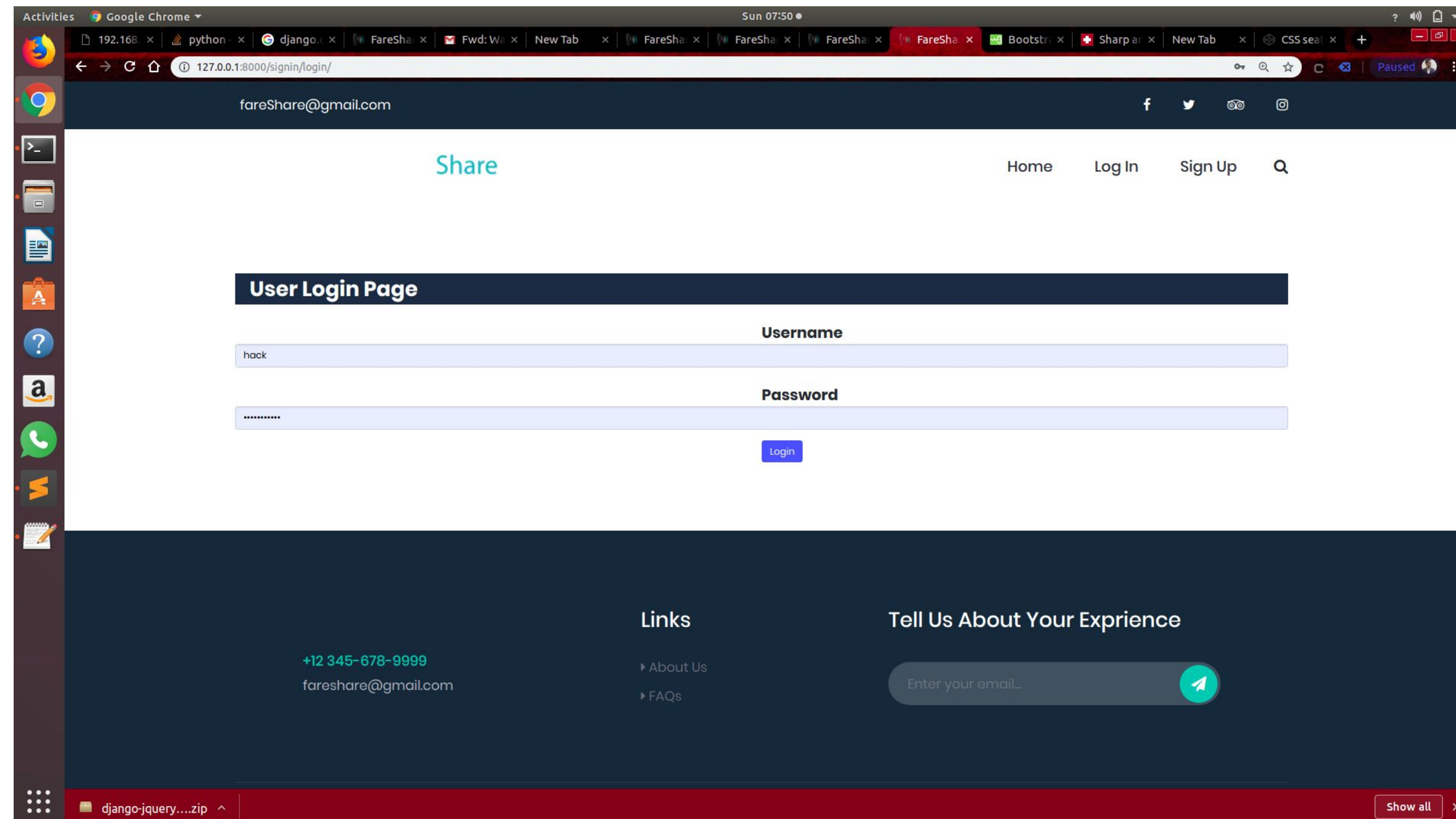
ABOUT US

Welcome To FareShare

A carpooling platform which provide service to passanger and car owner across the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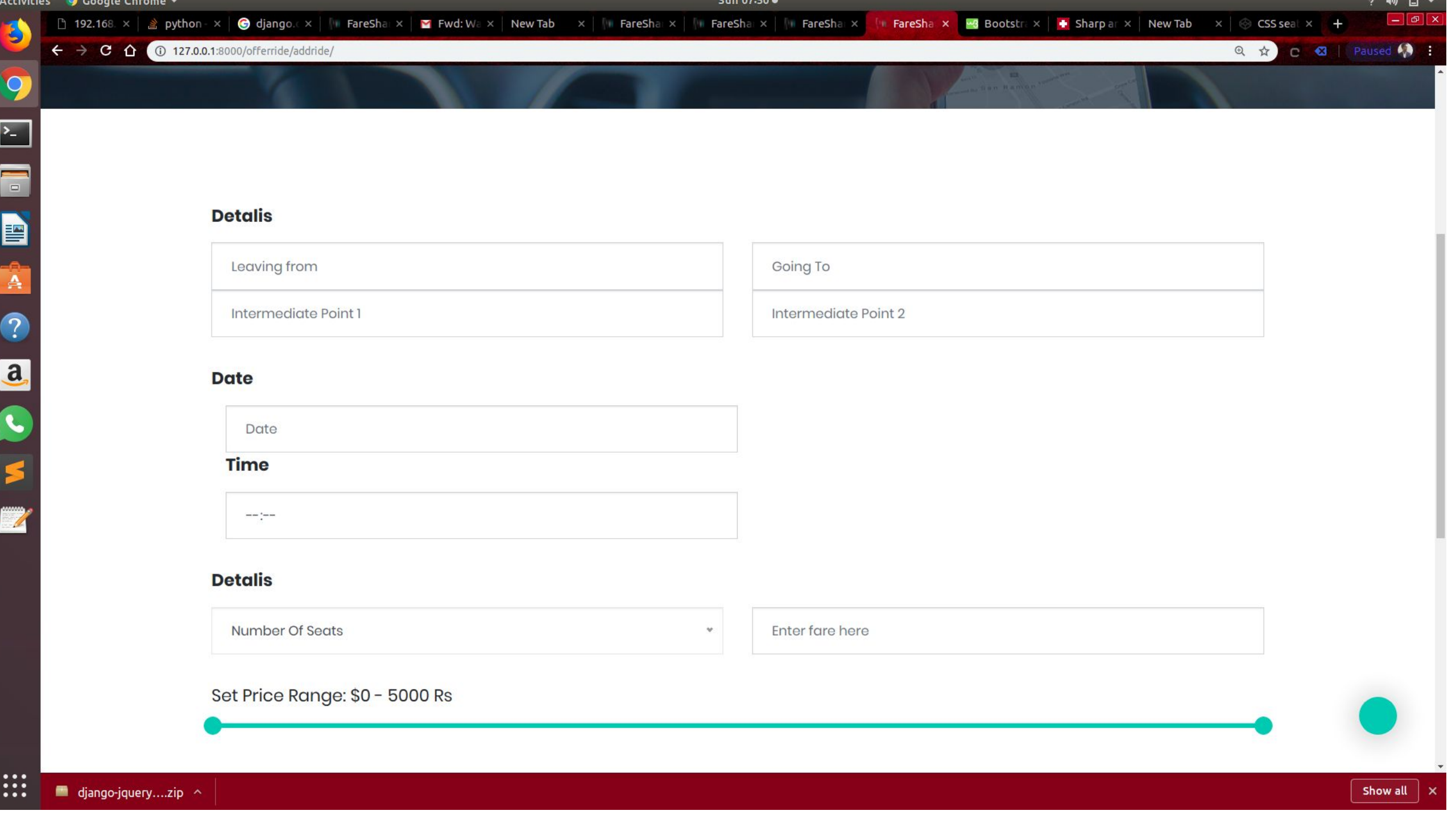
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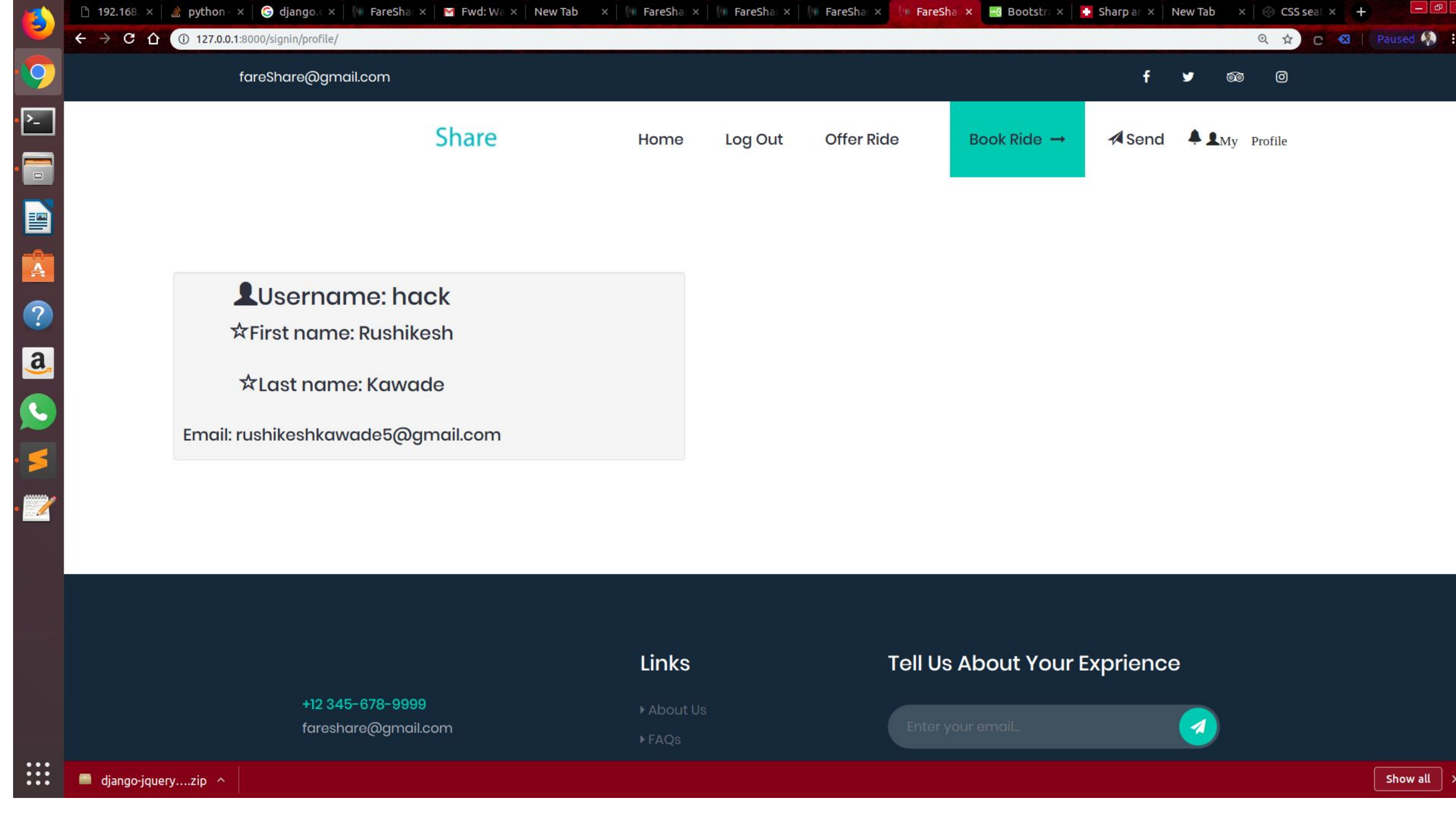
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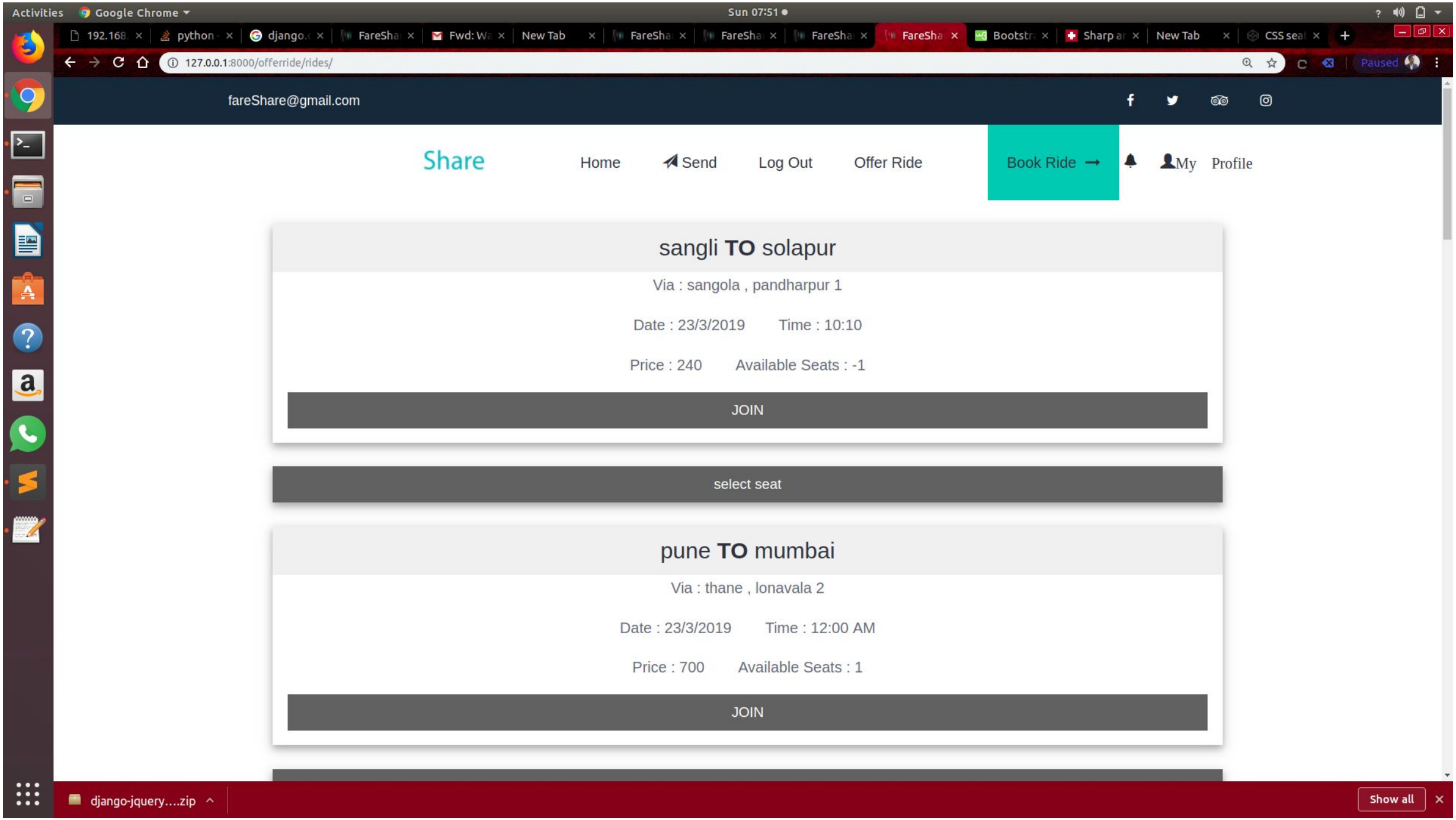
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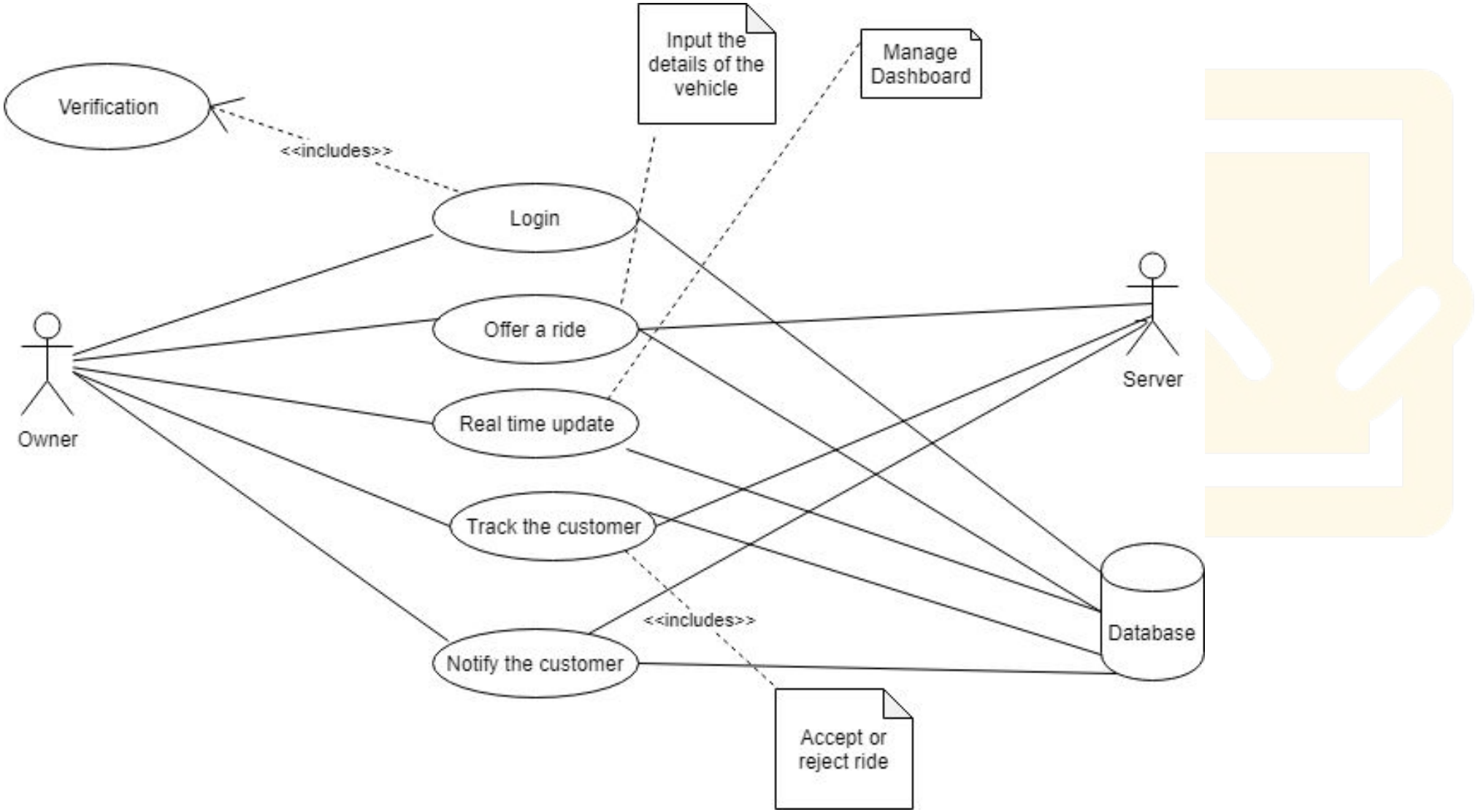
INNOVATIVENESS

- The ladies passenger will be able to select the ladies seat besides.
- The Passenger will be able to rate the ride.
- Conversation between the passenger and the owner.
- Ensures women's safety by live tracking of the respective car.
- Keep track of the travelled kilometre.
- The passenger can pay according to the kilometres travelled.

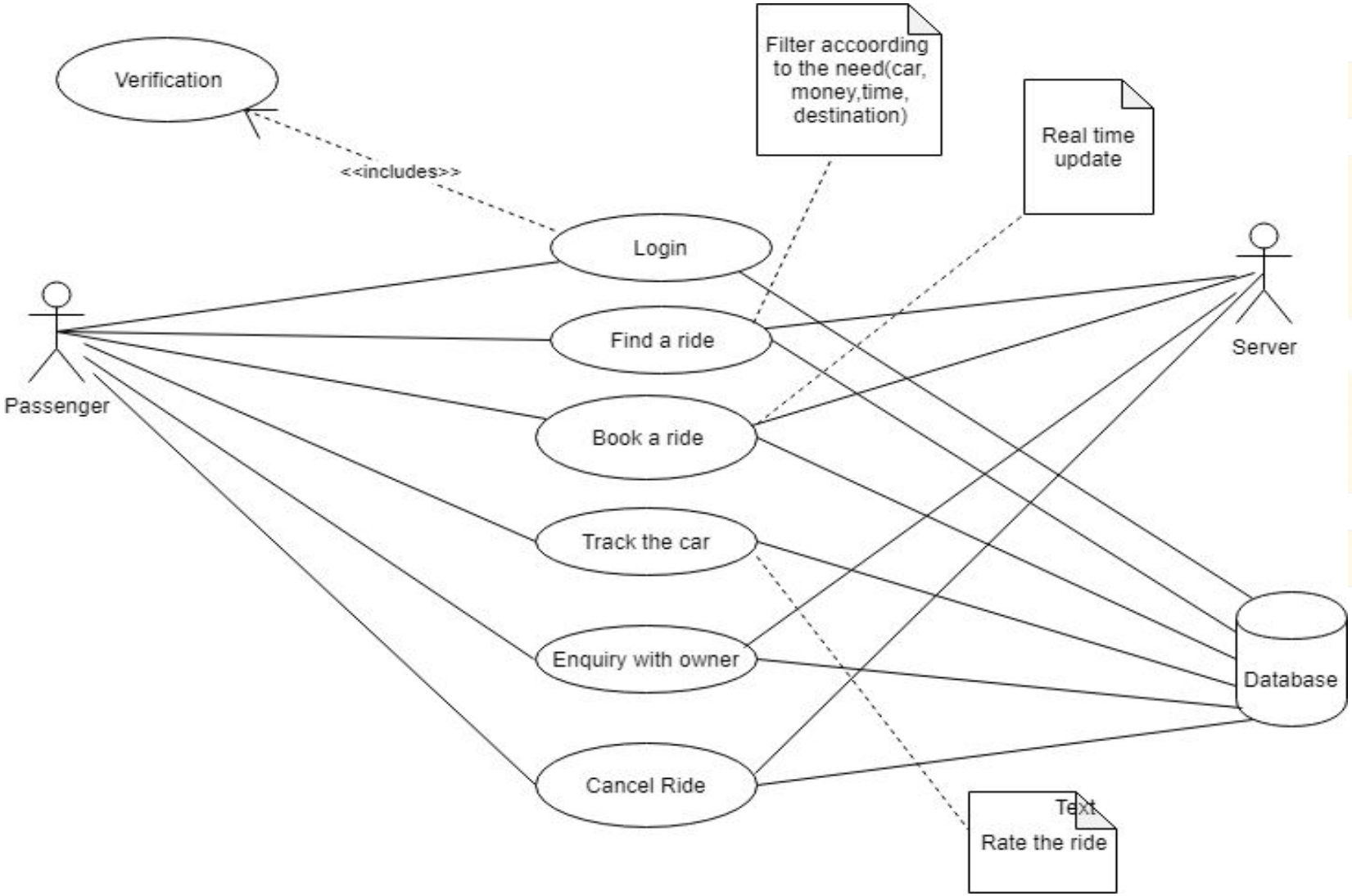
IMPLEMENTATION

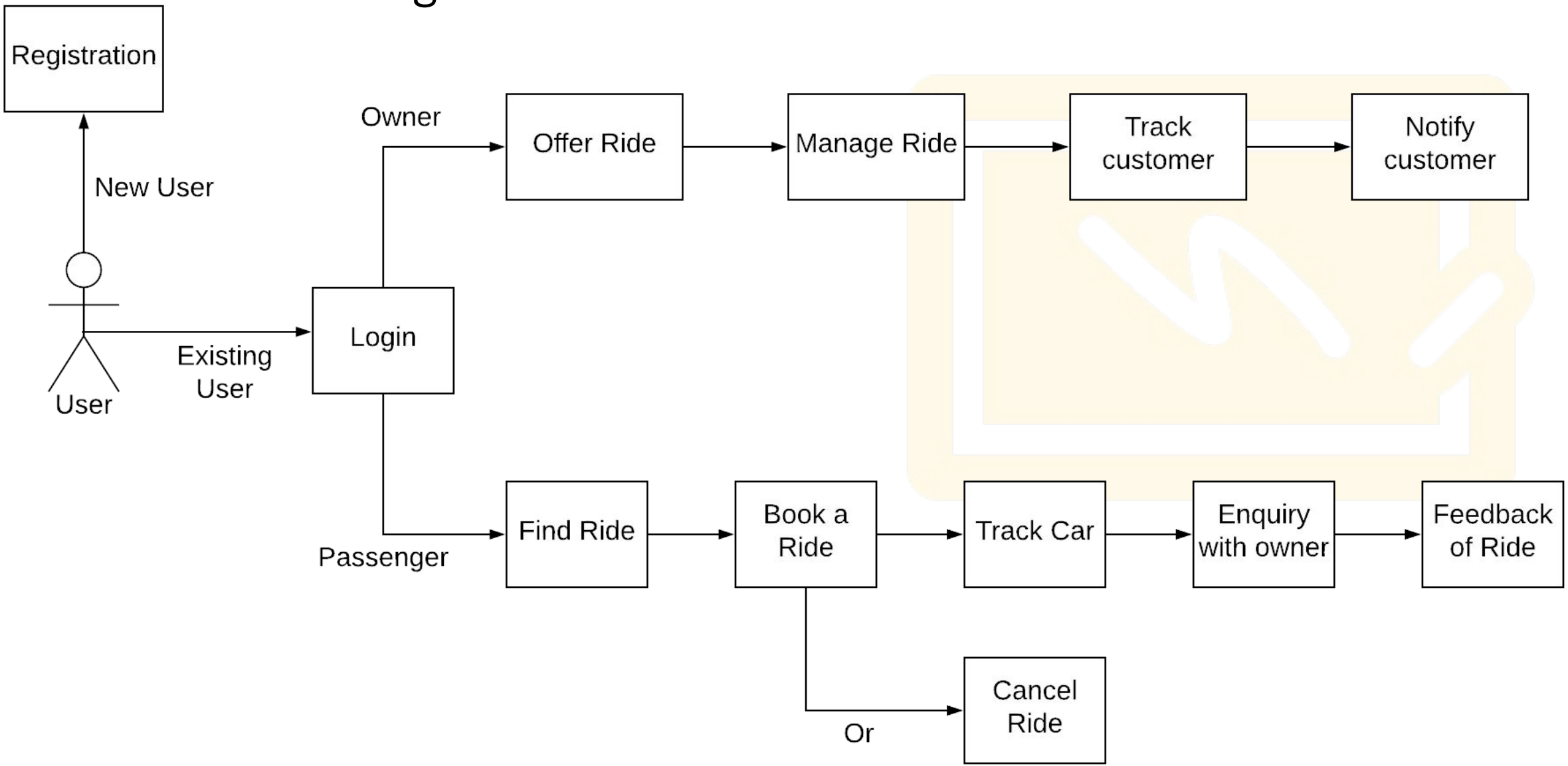
Use Case (Owner):



IMPLEMENTATION

Use Case (Passenger):



IMPLEMENTATION

Flow Diagram :