

Project Topic: QuickDrop

Abstract

QuickDrop is an online cab booking system. It is a web-based platform that allows customers to order taxis and executive cabs from their own home or office. The majority of individuals rely on cab services for their everyday transportation requirements. This project enables customers to simply go online and reserve any cab according to their choice.

Users

1. **Administrator:** The administrator manages the customer details, driver details, vehicle details, transaction details and the booking details.
 - Customer details: To store the details of customers.
 - Cab details: It stores all the details of the cab in the company.
 - Manage Customers: The administrator can manage the customer module.
 - Booking details: It store details of all the bookings done by the customer.
2. **Customer:** It provides a login for customers. The customers are required to enter their source and destination.
 - Customer Profile: Stores the customer details
 - Cab details: Allows customers to search for cabs according to their requirements.
 - Cab booking: Allows customers to book cab according to their requirements.
 - Payment: Once the booking is done, they can make online payments.
3. **Driver:** Drivers can simply login to the website to access the following modules.
 - Driver Profile: Stores the driver details.
 - Customer details: Drivers can view the details such as time of pick up, source and destination of the customer.

Modules:

- Customer details – Module containing customer details.
- Cab details – Module containing cab details.
- Manage Customers – Module to manage customers.
- Manage Cabs – Module to manage cabs.
- Booking details – Module containing booking details.
- Payment - Module containing payment details.

Main Project Modules:

- Fare Prediction using ML – Module to calculate fare based on all the factors.
- Chat Bot – A virtual assistant for quick communication using ML technologies.
- Feedback and Comments - Comment on the trip based on the experience provided.
- Suggestion – Recommend suggestions based on the previous trip.
- Offers – Provide offers to regular customers.

Technologies

Front-End: HTML, CSS, JavaScript

Database: MySQL

Back-End: PHP

Conclusion

In short QuickDrop is an online portal through which customers can view available cabs, register the cabs, view profile and book cabs by making payments online easily.