**ABSTRACT**

Taxi Booking Software is a platform that allows your customers to track the near by taxi drivers and can board the taxi at a place convenient for the user.Use of handheld devices to book taxi from doorstep at anytime and anywhere. In the existing system relies on GoogleMap for tracking the locations which is not that accurate in accessing the exact place of the customer.Also we are not able to get the clear route images in few cases.So the current system need to be updated.

The proposed system is implemented using CakePHP and PostgreSQL,that uses Mapbox platform to track the locations accurately. This project aims at managing overall vehicle services by handling maintenance of booking,payment,attendance,reports of the vehicles.The main purpose of this software is essentially to automate entire operations and information of vehicles at a particular given point of time so that the taxi operator and the customers can get fast and best information about their vehicles and drivers at any point of time.And this project handle the variety of branches and department works of an organization.In this project once the vehicles is assigned,you can track the vehicles in real-time on the map with estimated distance and time of arrivel.Push notification for various alerts like emergency,booking conformation etc are given.There is also an ability to check the details of previous bookings,fare details and provide valuable feedback about the services.