

# An online cab reservation system

## Taxi Hub, At your doorstep!

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# Introduction

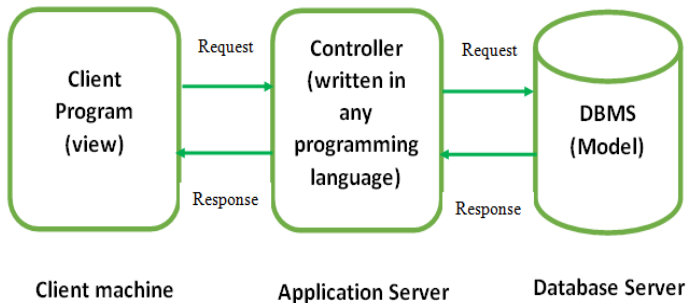
- 1 "Taxi Hub, at your doorstep!" is a web application which can be used for online cab reservation.
- 2 The main aim of this web application is to make sure the level of ease increases for the users to book any cab of their choice at a minimal rate.

# Modules

- User Module
- Driver Module
- Admin module

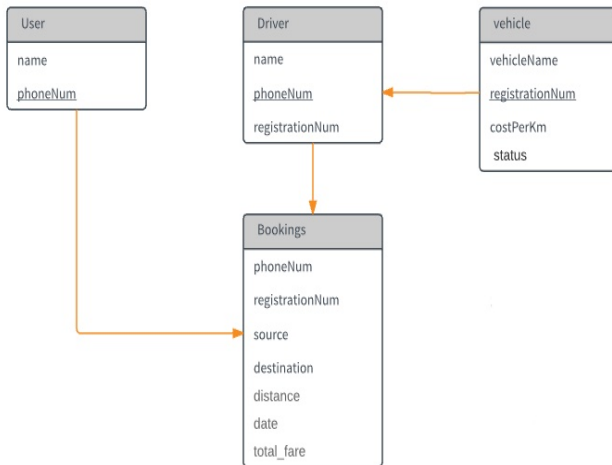
# Structure Used:

- The working strategy we used for this project is the MVC architecture.



*Figure: 3-tier MVC architecture*

# Entity-Relationship Diagram



# Features implemented

- Login and registration for the users.
- Login and registration for the drivers.
- Booking of cabs.
- Starting of rides.
- Displaying the Maps which also specifies the distance, duration and ride estimate.
- Generation of bill.
- A Google form which takes a feedback from the users.

# Tools Used

- HTML, CSS, JavaScript, Bootstrap - Used to create the view of the project.
- JDBC, MySQL, Servlets, JSP - For the controller and model of the project.
- Google Maps API.

# Future enhancements

- To enable this for multiple users.
- Tracking of cabs on maps.



# Challenges

- Establishing a connection between the driver and user.
- Detection of cabs on maps.

# What we learnt?

- Learnt how to use google maps API.
- Learnt how to debug in eclipse.
- Implementation of bootstrap.