

CSE202

Taxi Management System

Group Members- Rohan Kulkarni, Raghav Sahni, Noor Chadha, Manik Arora

Objective- In the recent past, the process of booking a cab was never that simple; a person had to struggle to arrange for a ride by telephoning various taxi companies. Also, different factors like exact amount to be paid to the driver, mode of payment, uncertainty about the duration of the ride, etc., caused constant trouble. However, as technology took large steps ahead and consumer behavior gradually evolved with time, a revolution took place. By making taxi services available to the masses simply at the click of a button taxi management system brings a big-bang disruption in the industry.

We have created a taxi-management system which helps the people in booking taxi in a hassle-free manner. The database contains appropriate information for effective management of the system. As everything is made digital, it becomes easier for the user to book a taxi, keep track of the record of the bill details, trip details and an option to provide feedback for the services used by him/her. Also, it is easier for the service provider to keep up with the demands, identify problems in the system and keep track of the driver, trip, bill and the user details.

Tasks completed: Identifying entities and their attributes, making ER diagram and Relational Schema, populating respective data and writing down 10 diverse queries.

Features of the application:

1. Reduction in time required to book a cab.
2. Proper management of the demand and services.
3. Special discounts for premium users.
4. Transparent Bill Details
5. Customer Service support included.

Database:

1. The database will contain details of the user which will include their name, contact number, gender, email and address.
2. The database will contain details of taxi which will include taxi id, carid, status and driverid.
3. The database will also contain details of premium user, car manufacturer, bill details, feedback, customer service and driver.