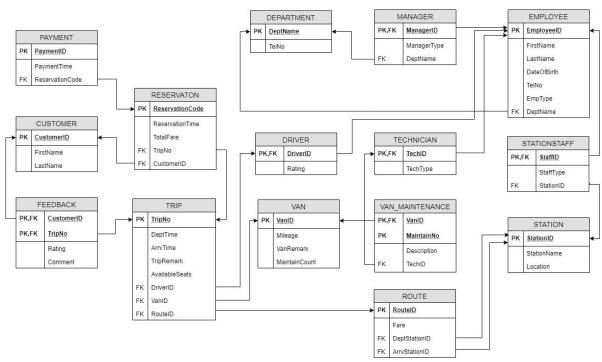
## TRAVEL VANKA PROJECT REPORT

## **Background of Project**

Our system is a database for a van company named TravelVanka. The database stores and manage both data from the company aspect such as employees, managers, departments, van\_maintenances and also in the user process aspect such as customers, trips, reservations and payments.

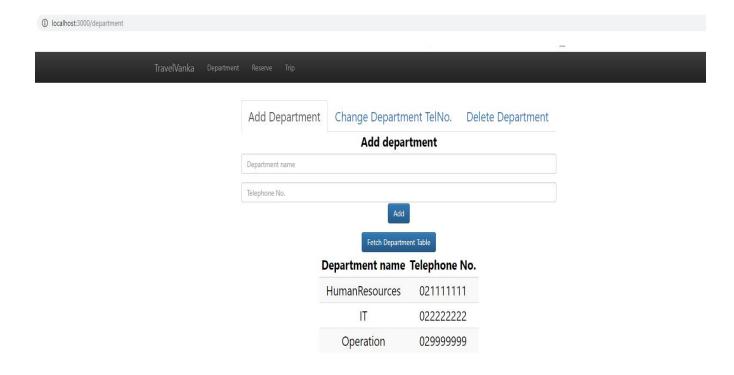


(1)Schema Diagram

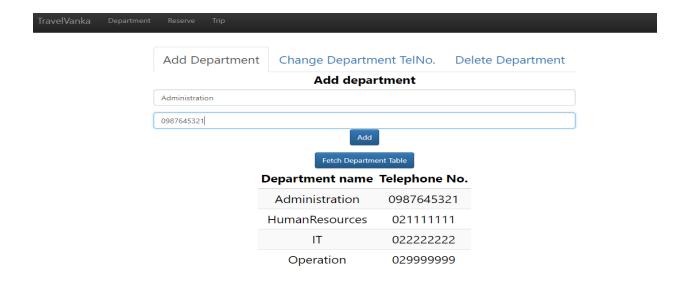
## Website and Database Interactions

We connect the back-end(server.js) to mysql using mysql module

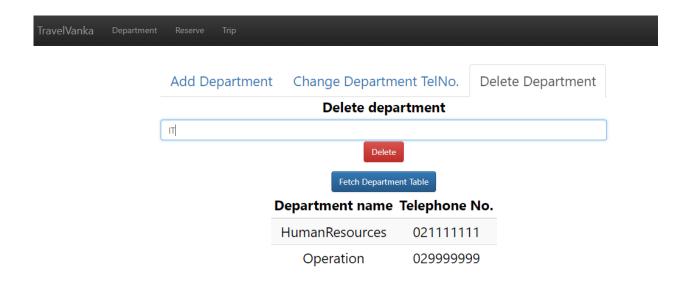
With sql.createConnection to connects to the database in the mySQL workbench and Our front-end(react) will send post requests and get requests to the server. The server.js will initiate an SQL queries using prepared SQL statement to prevent SQL injection and send the query to my SQL workbench using the method ".query" on a var connection which is a value returned from the createConnection method above.



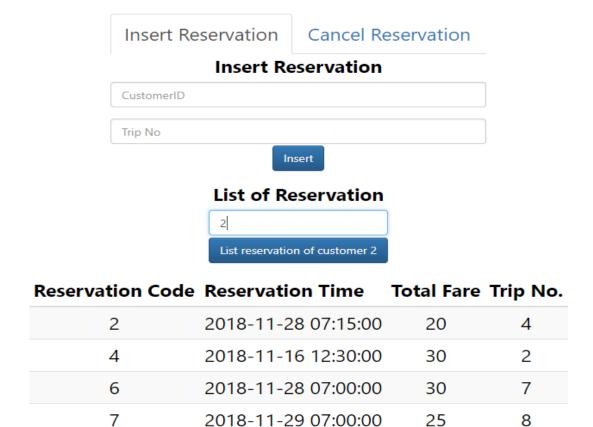
(2)Example Screenshots from the website



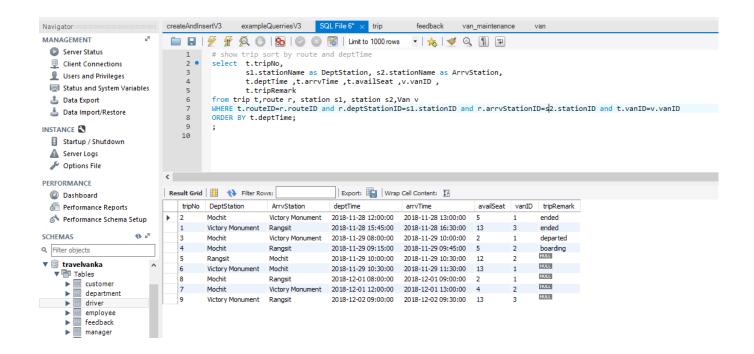
## 3)Adding data to the database from the website



4) Deleting data from the database from the website



5)Example of fetching data from the database from the website



6)Example of selecting data by joining several tables