**Restaurant Reservation Application**

Restaurant reservation demo app used to reserve tables for a restaurant to prevent reservation problems

Application backend code developed in Springboot framework with 6 end points and database with MYSQL

**End Points :**

1. View all tables - <http://hostName:port/tables/>

Get request to retrieve all tables in the system with their ids and capacity

1. Add new Table - <http://hostName:port/tables/>

Post request to add new table with

capacity “number of persons the table can take” parameter in the request body

1. Delete an existing table -<http://hostName:port/tables/>3

Delete request to delete existing table with his id

1. View all Current available table <http://hostName:port/reservations/available/2020-02-29>

Get request to view all available tables for specific date as reservations stored in the db in table reservations with info and reservation date ,so to check table availability we should provide request with date to get all tables not in the reservations table in that date

1. Reserve table - <http://hostName:port/reservations/reserve>

Post request to reserve an existing table with some attributes in the body of the request

Example :

{customerName:Ahmed

,paymentAmount:1000,reservationDate:29-2-2020

,numOfPersons:5 ,tableId:1}

1. View reservations in specific date - <http://hostName:port/reservations/2020-02-29>

Get request to view reservations in given date

For more information you can use postman collection to test end point but make sure to change the host name and the port