Application Name: Restaurant Reservation System

To run the app in browser : http://localhost:8000/RestaurantReservationApp/

Application created using-

Language: Java 1.8 , J2EE

Database: MySQL 5.7

Server: Tomcat 7.0

Setup MySQL database before running the app-

Database name: restaurantreservation

Username: root

Password: root

Tables to be created:

1. customer
2. day\_availability
3. reservation
4. restaurant

create table day\_availability

(

day\_of\_week varchar(15) primary key,

available\_tables int

);

insert into day\_availability values('Sunday',10);

insert into day\_availability values('Monday',10);

insert into day\_availability values('Tuesday',10);

insert into day\_availability values('Wednesday',10);

insert into day\_availability values('Thursday',10);

insert into day\_availability values('Friday',10);

insert into day\_availability values('Saturday',10);

create table customer

(

cust\_id int primary key auto\_increment,

cust\_name varchar(50),

pswd varchar(50)

);

create table restaurant

(

rest\_id int primary key,

rest\_name varchar(20)

);

insert into restaurant values(100,'Taj');

create table reservation

(

reservation\_id int primary key auto\_increment,

restaurant\_id int,

customer\_id int,

tables\_reqd int,

reservation\_day varchar(15),

reservation\_time time,

foreign key (restaurant\_id) references restaurant(rest\_id),

foreign key (customer\_id) references customer(cust\_id),

foreign key (reservation\_day) references day\_availability(day\_of\_week)

);