Technology :

* front end: Angular material design and type script
* Frame Work: Spring boot
* Data Base: MYSQL
* Security : Spring security with JWT Authentication in server side,
  + - Also use basic auth guard method using In angular.
* Here I am using JPA repository for DB operations.
* BCryptPasswordEncoder used for password encryption.

We need to pass JWT token for every request.

Here ‘study’ is a TOKEN\_PREFIX. This is constant.

Example:

study eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhZG1pbkBmbGF0bG9naWMuY29tIiwic2NvcGVzIjoiUk9MRV9VU0VSIiwiaWF0IjoxNjEzMDI2ODA2LCJleHAiOjE2MTMwNDQ4MDZ9.FBiWbJAI5rpc63NSBhCnReH4HI7GwY6Y6Ta\_p0qZKBg

APIS:

1.**Register**: <http://localhost:8080/signup>

{

 "username": "student@gmail.com",

"name": "student@gmail.com",

"password": "aravind",

"role":"USER"

}

2**.Login or Get JWT token :**

<http://localhost:8080/token/generate-token> -- Post method

{

    "username":"admin@flatlogic.com",

    "password":"admin@flatlogic.com"

}

3.Add New hotel:

<http://localhost:8080/api/hotel> --Post Method

{

     "name":"sri sai",

     "star":2,

     "address":"SH19, KNP Puram, Odakkadu, Tiruppur, Tamil Nadu 641601",

     "overAllReview":"Good One",

    "totalReviews":10,

    "imgPath":"img1.jpg",

     "totalRooms":10

}

4. Get single hotel

<http://localhost:8080/api/hotel/1> --Get Method

5,Get all hotels

<http://localhost:8080/api/hotel/all> --get method

6. Booking API:

<http://localhost:8080/api/hotel/booking> --Post Method

{

     "name":"name",

  "email":"email",

     "adults":1,

     "children":4,

     "arrivalDate":"01-01-2020",

     "rooms":2,

     "phone":"phone",

     "userId":26,

     "hotelId":1

}

7. Get single Booking

http://localhost:8080/api/hotel/booking/all --get method

8. Get Booking Details by user:

<http://localhost:8080/api/hotel/booking/user/admin@flatlogic.com>

Params :username

9.Get Available rooms :

<http://localhost:8080/api/hotel/booking/count?date=2021-02-12&hotelId=1>

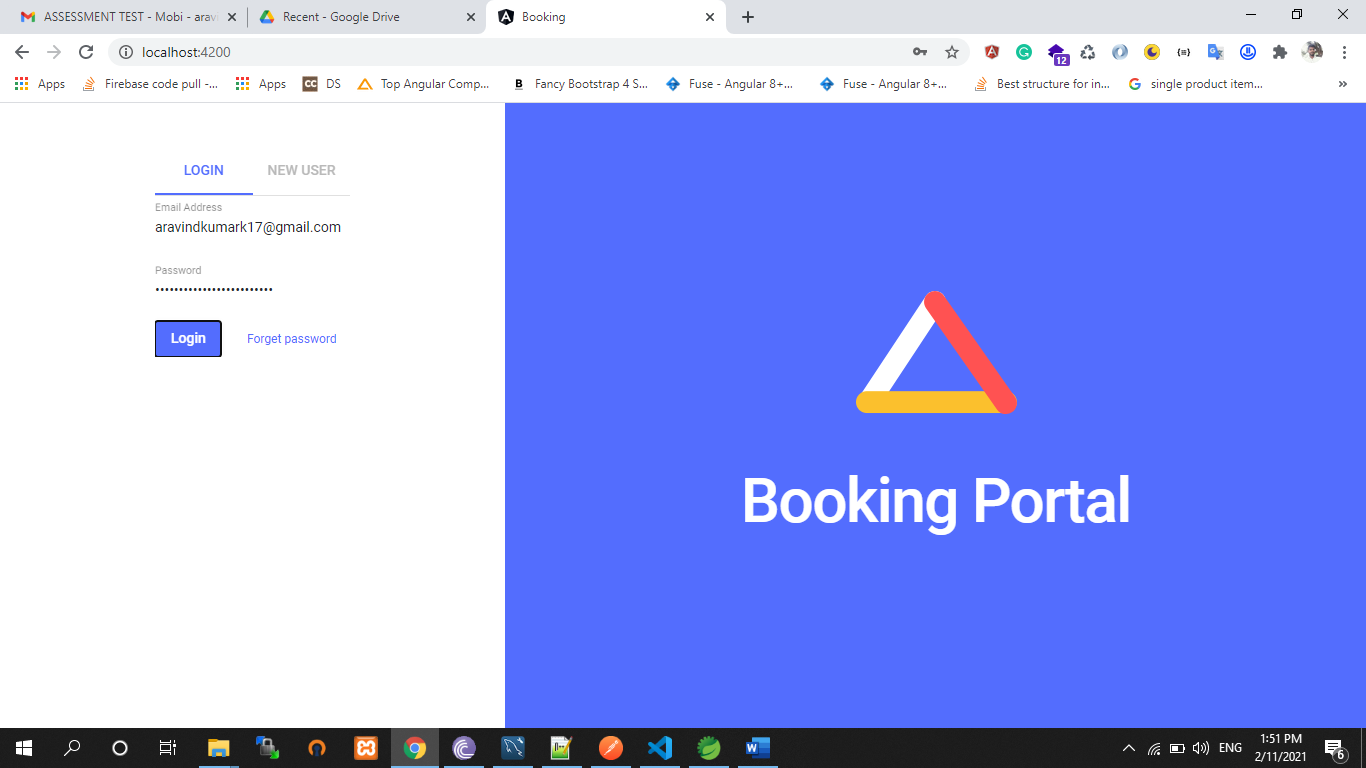
PARAMS: date, hotel\_id

10.Checkout API:

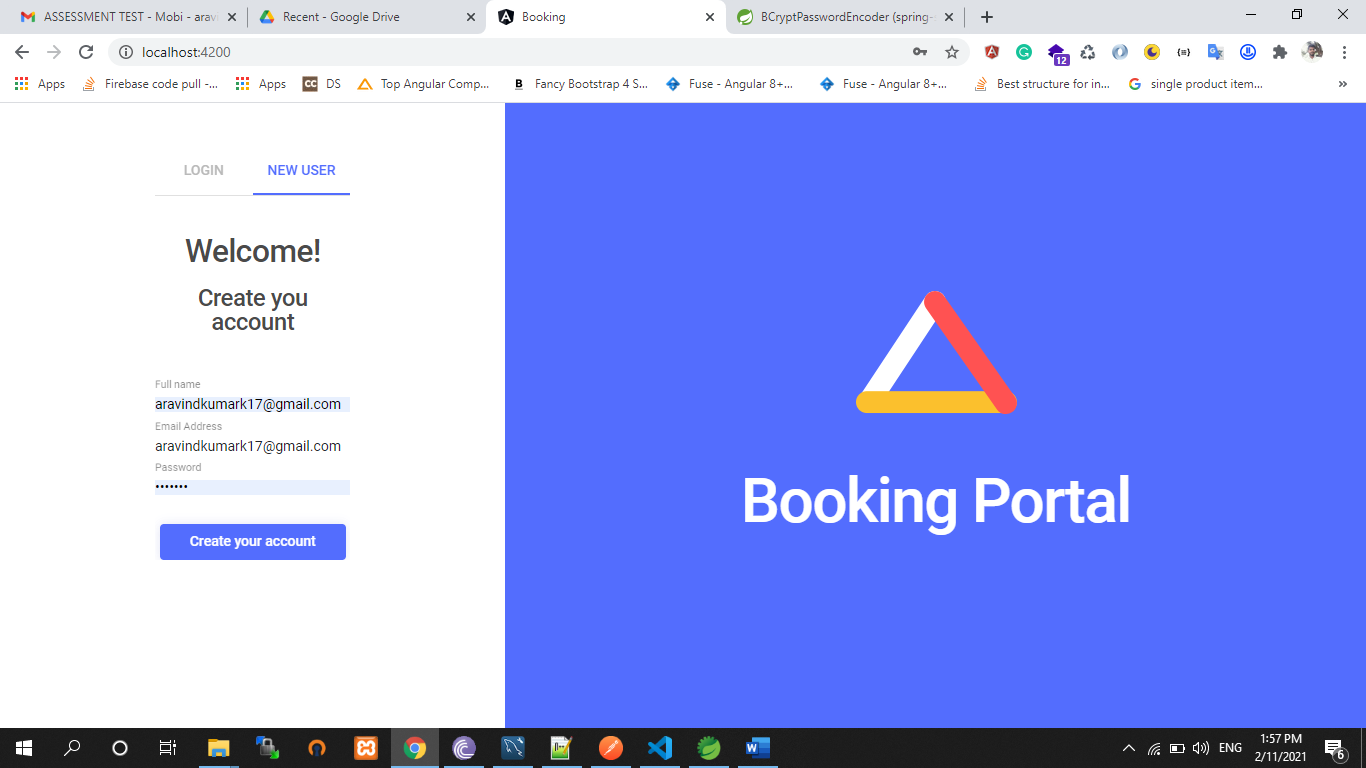
[http://localhost:8080/api/hotel/booking/checkout-user/{id}](http://localhost:8080/api/hotel/booking/checkout-user/%7bid%7d)

params: booking id

Login Page

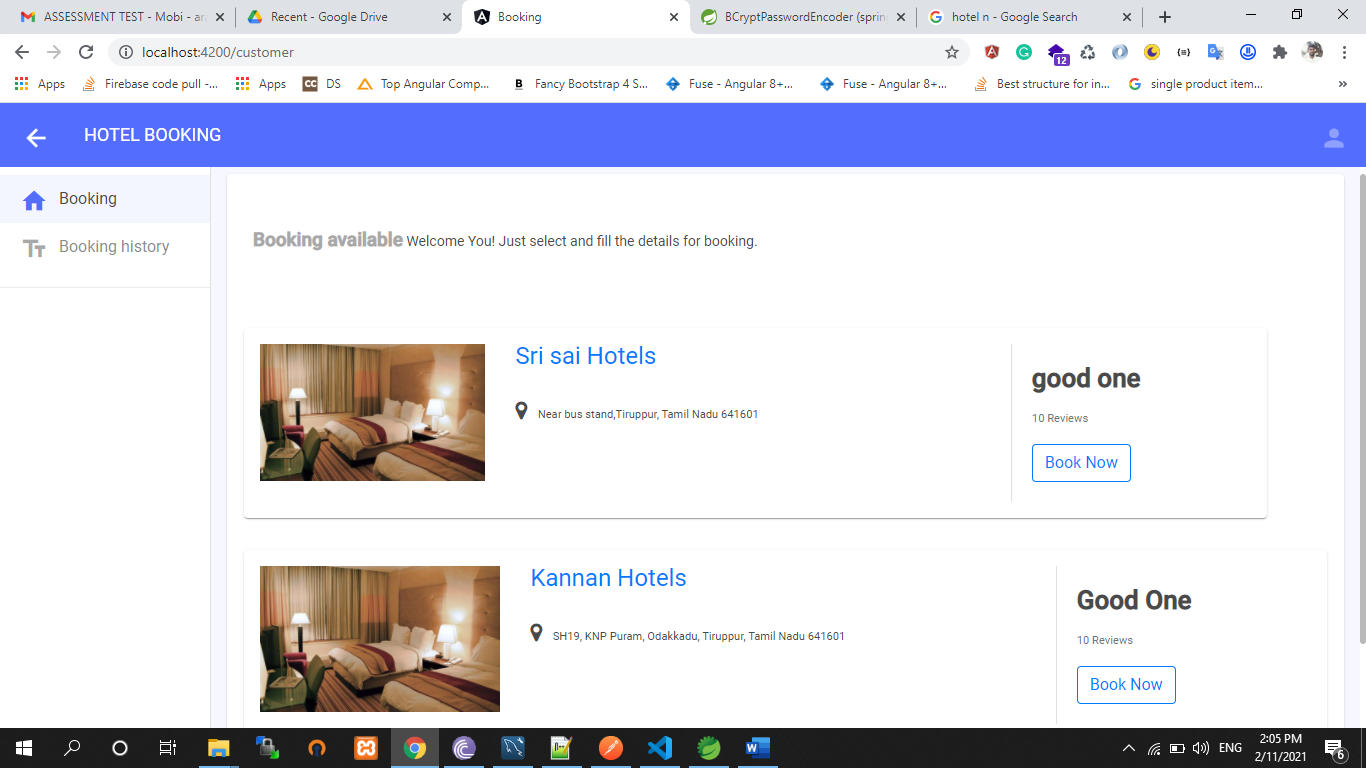


Registeration Page:



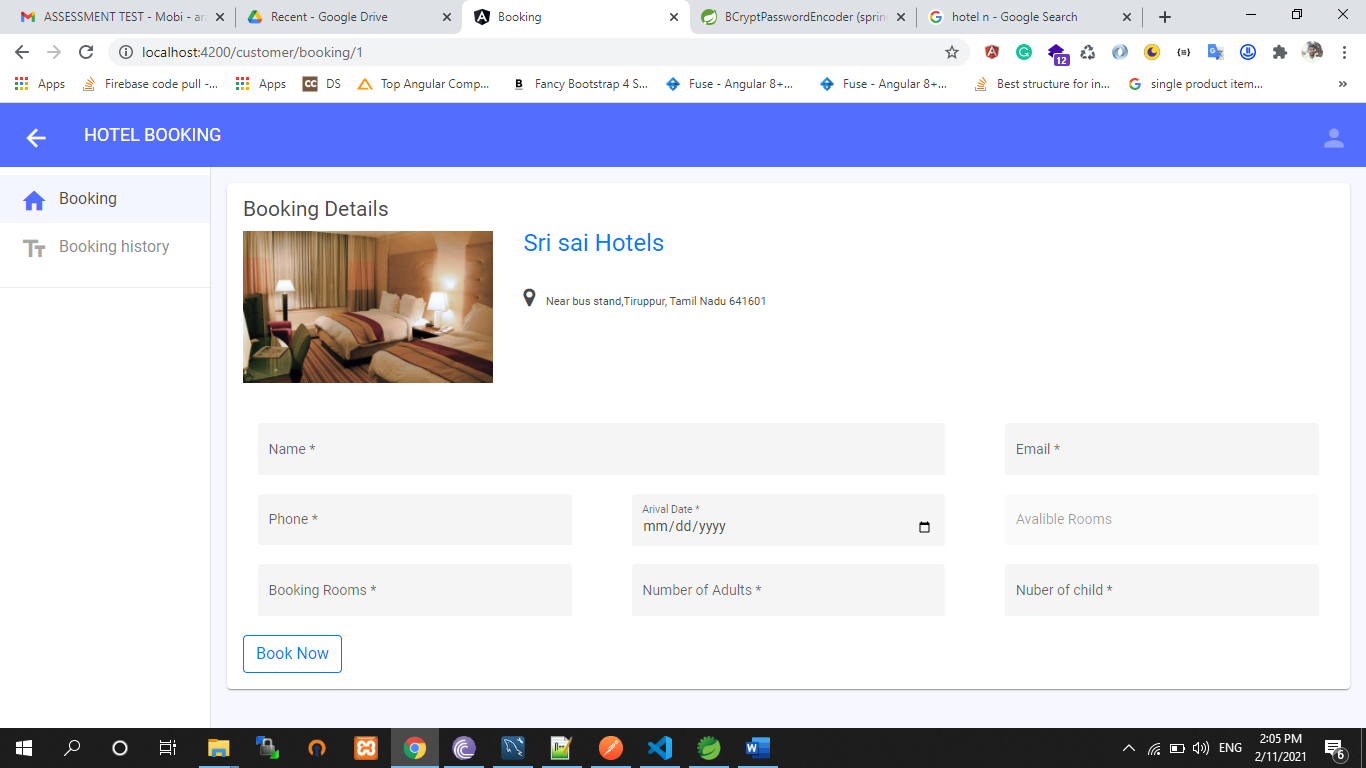
Booking page in Customer login:

Here I list out all available hotel details.



When we click a book now button it’s navigate to booking page

Here when you choose the arrival date it gets free rooms and set to the available rooms input box



The active booking hotels and history page:

