Task by XenonStacks : Project theme – Dental Clinic Application(www.inshine.com) By Atul Patil

The Dental Clinic Application is a web-based system developed using React, Spring Boot with REST API and MySQL as the backend database. This application is designed to provide an efficient and effective way of managing the operations of a dental clinic.

The following technologies are used in the development of the Dental Clinic Application:

React: A JavaScript library for building user interfaces.

Spring Boot: A Java framework for building microservices.

MySQL: A relational database management system.

REST API: A web service that uses HTTP requests to GET, PUT, POST and DELETE data.

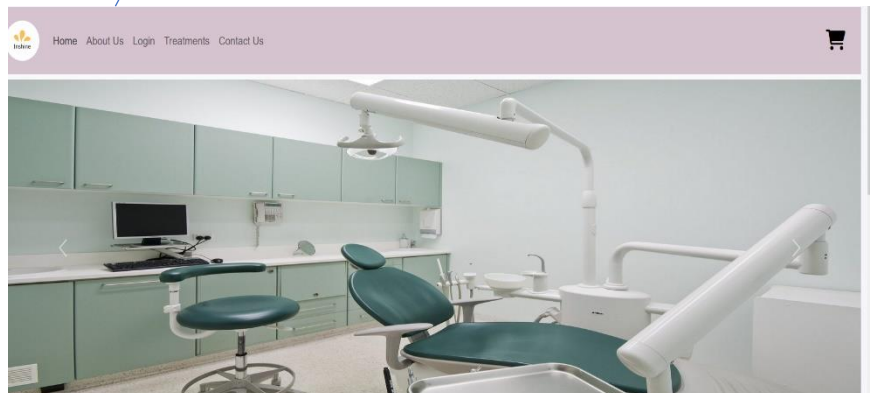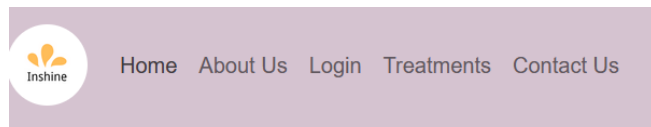
Installation:

- Start the **React development** server using the following command:
    1. npm install
    2. npm start

- Create database by importing **inshine.sql** file in mySQL given with the source code.

- In Eclipse IDE import the backend source code by selecting import from existing maven project and just run as java application .

Flow of Website:

Home Page:

```
Navbar menu –
     link to Home Page
     link to About Us Page
     link to Login Page
     link to Treatments Page
     link to contact Us Page
```
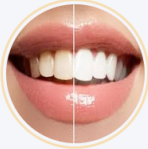
At Home page we have services categories according to dental clinic and each category have its respective services as shown in images.

On clicking on service category, a new page will be redirected containing all services of that category.

Example, if we click on DENTAL, then services belongs to DENTAL category will be shown on next page as shown in below image:

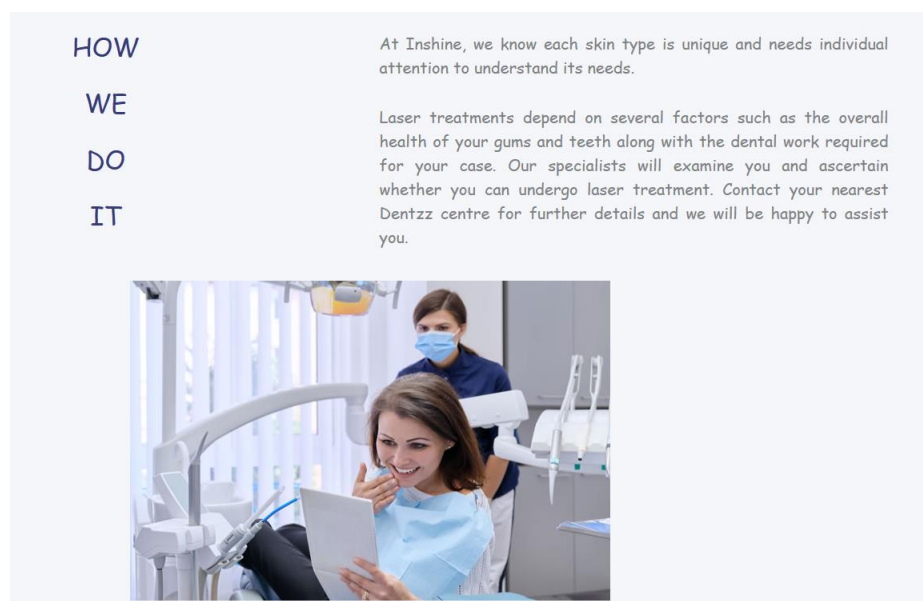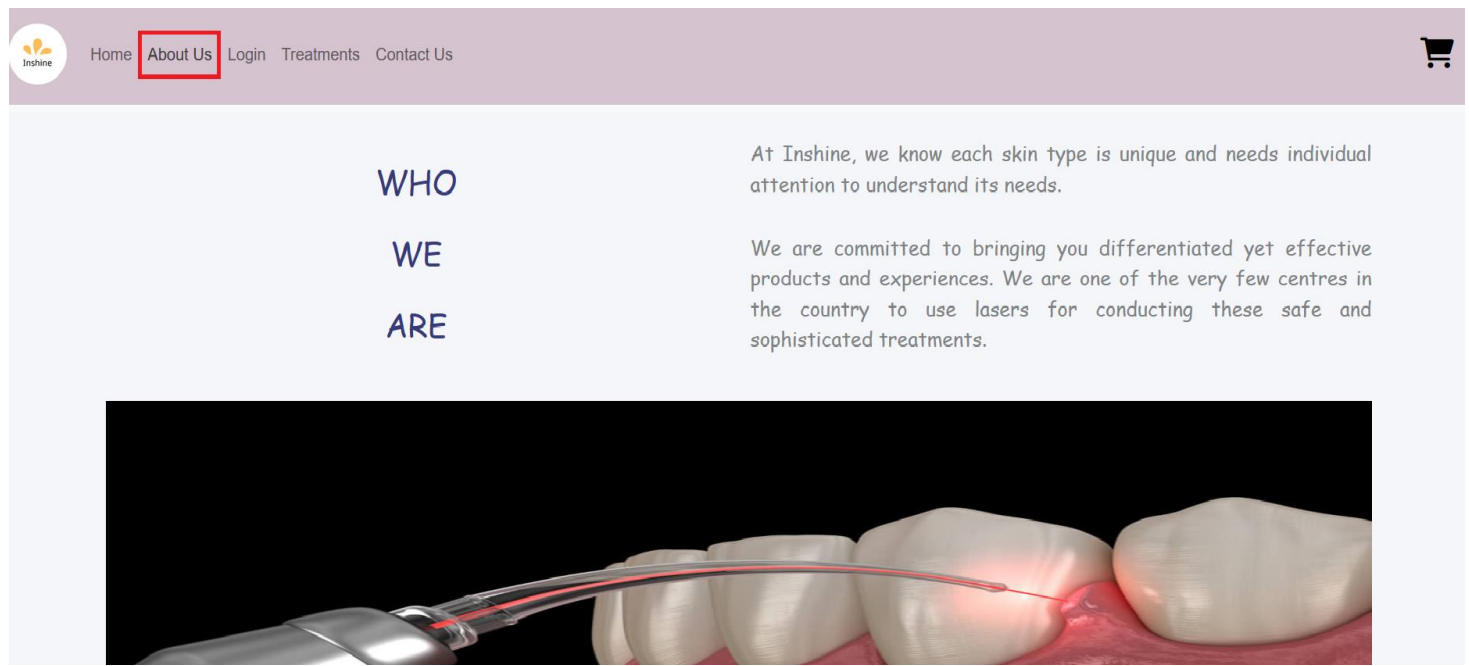Likewise same will be shown for DERMA also.

User can add the required service as per there need and that service will be added to cart and appointment can be fixed accordingly.(NOTE: Appointment section is not yet included in this project as its not told in task for now).
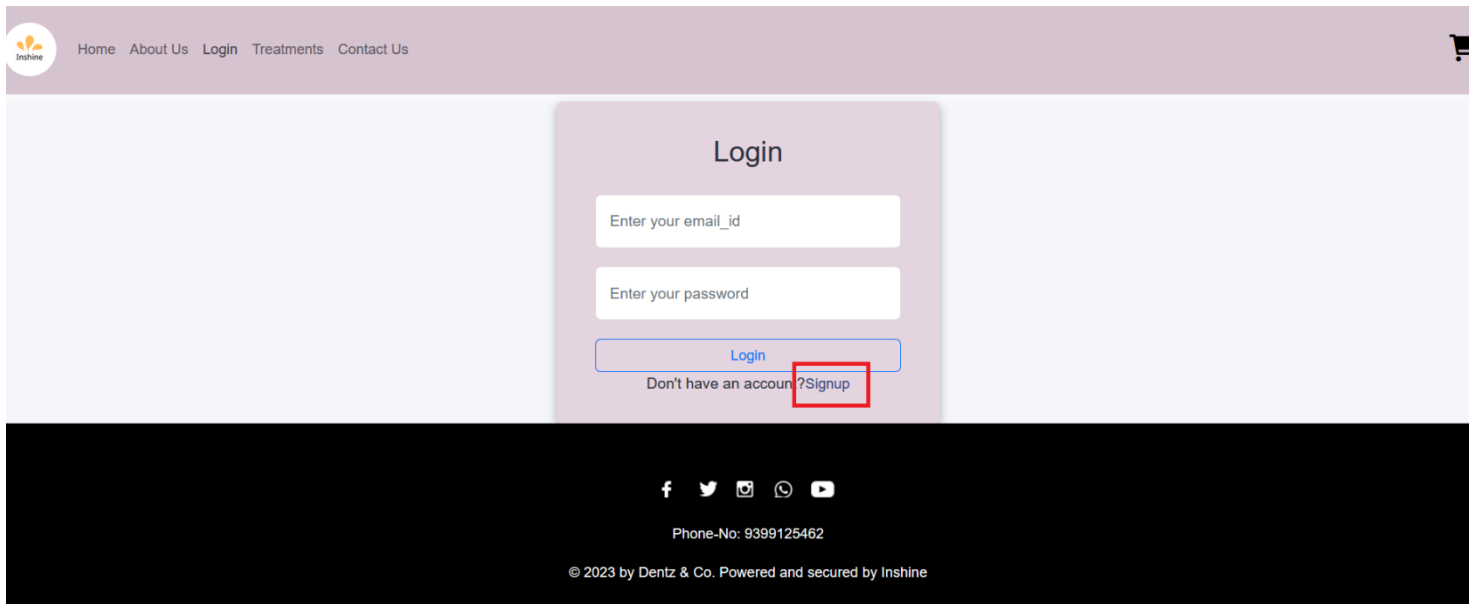
About Us Page :

On clicking About Us link, a new page will be redirected and details of clinic and there work will be displayed. Since this is a static page and by using React we have made it responsive using @media.
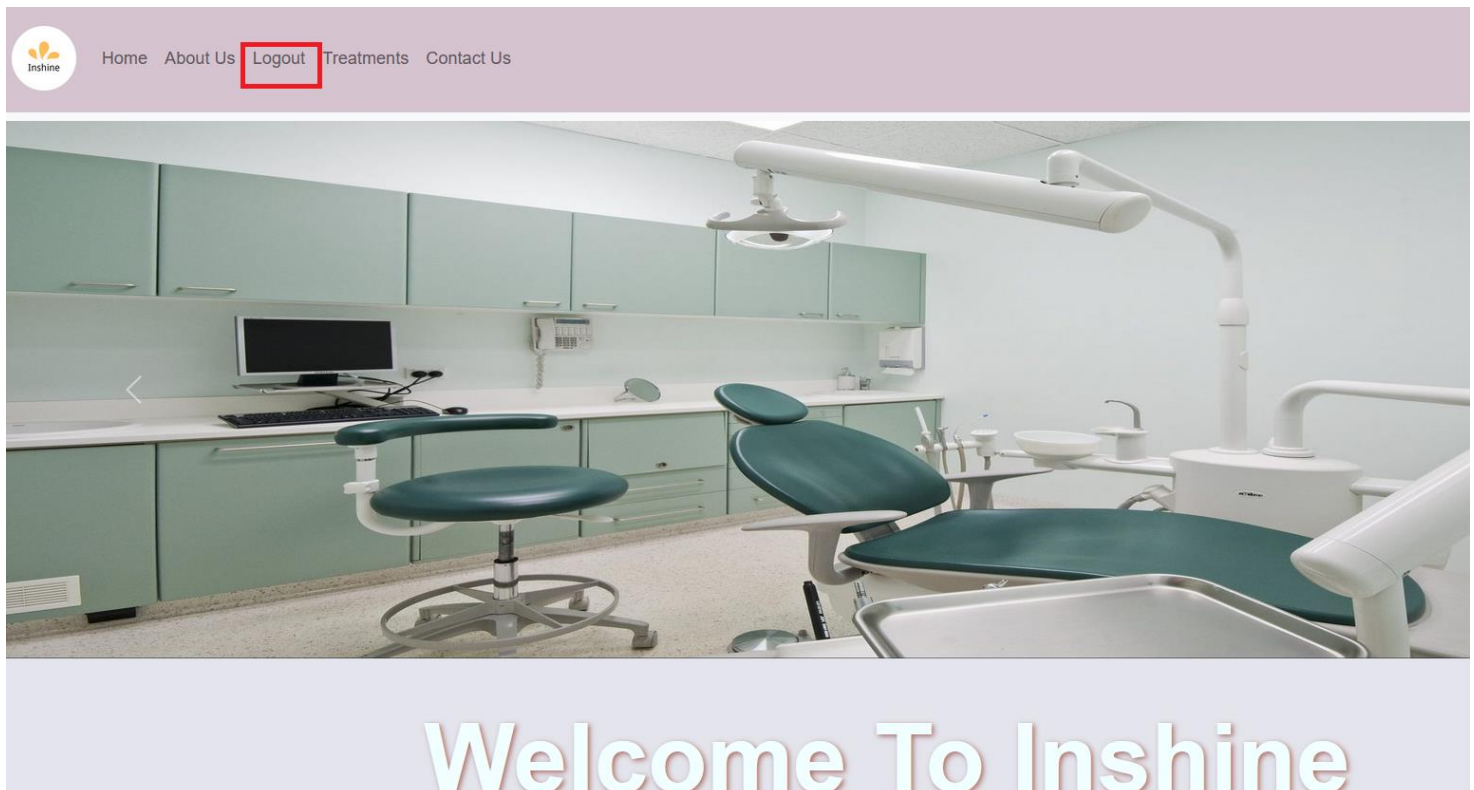
Login / Logout page:

User can register himself by clicking on signup link first. On clicking signup link a new page will be shown where user can fill respective details requied for login. All that details will be stored in database as we have written the logic for it and performed CRUD operation by using springboot.
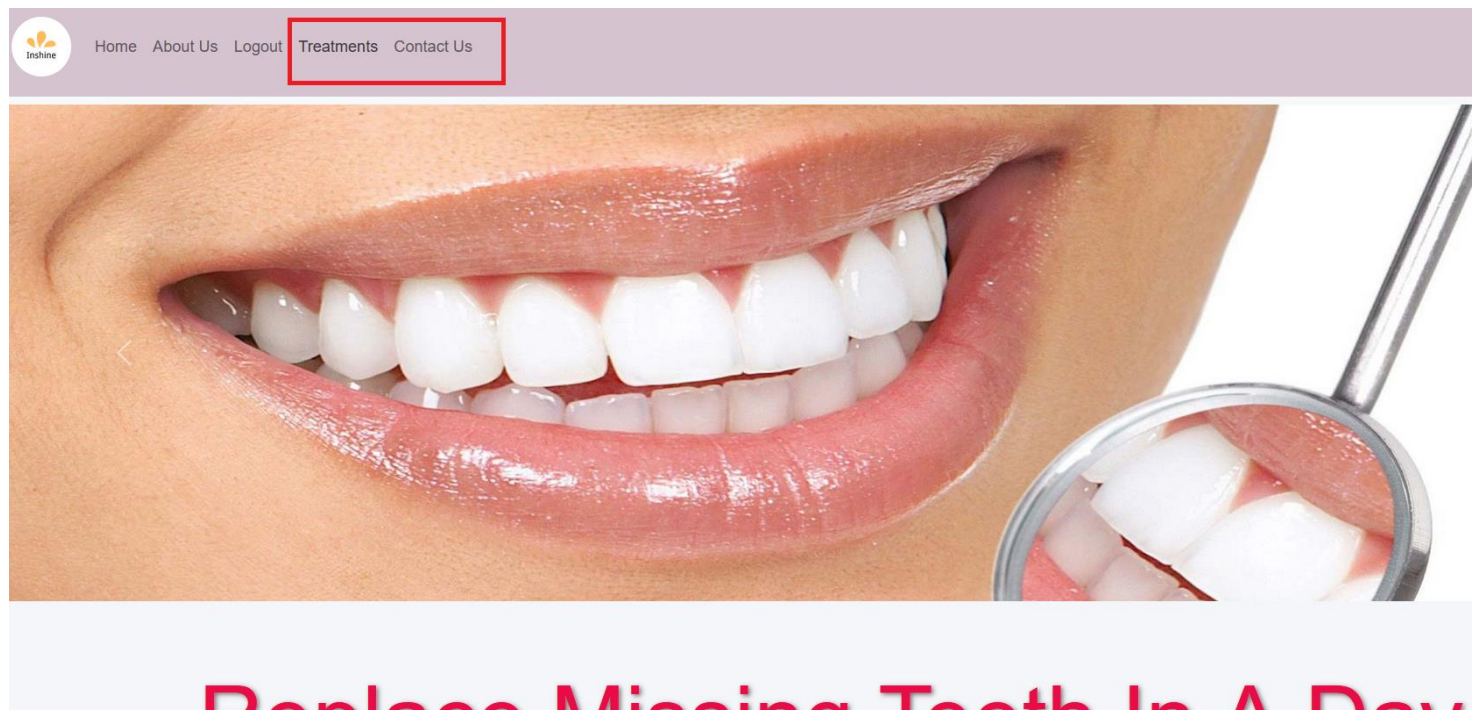

After completing the registration process, user can login to the website by providing credentials which can not be null ie Both email and password fields will mandatory. If the user is valid then only user will be redirected to home page otherwise, invalid credentials message will be shown as we have used tostify in React. Likewise user also can logout his/her account accordingly since after login user can page will have to refreshed and logout link will be shown at place login as shown in below image.

<u>Treatments and Contact Us Page:</u>

There is a static page where all the information regarding treatments of clinic will mentioned in image

Similarly, we have contact Us page where user give or enquire and his message will be stored in our database accordingly so that our support team can raise ticket over it and respond to user on there email or phone no. image for contact us page is shown below.

Enter your Email Id

Enter your Mobile No

Enter your Message

Submit

Phone-No: 9399125462