

**Capstone Project:****Project Name: Fracto****Problem Statement:**

Fracto is a popular doctor appointment booking application, where we can book appointment to doctors in online.

There are 2 users in this application:

1. User
2. Admin

**##User Stories:**

1. As an User, I should be able to log in, log out and register into the application.
2. As an User, I should be select the city at which I need the doctor visit.
3. As an User, I should enter the date for the appointment.
4. As an User, I should be able to select specialist according to my needs from the list
5. As an User, I should be able to see the list doctors available on that specialization at that date.
6. As an User, I should be able to filter the doctors according to the ratings.
7. As an User, I should be able to select the doctor.
8. As an User, I should be able see the time slot available with that particular doctor.
9. As an User, I should be able to book an appointment with the doctor.
10. As an User, I should receive the confirmation message from the application.
11. As an User, I should be able cancel my appointment.

**##Admin Stories:**

1. As an Admin, I should be able to log in, log out and register into the application
2. As an Admin, I should be allowed to do CRUD on Users.
3. As an Admin, I should allow the user to book appointment.
4. As an Admin, I should be able to send message of the booking confirmation
5. As an admin, I should be able cancel the appointment if any case.

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**##Instructions:**

1. Please use a folder on server to upload the images
2. Please share the database structure in the .sql file
3. Please create a separate microservice for sending and receiving messages.
4. Please use separate port to deploy the React UI and Spring Boot Microservice.
5. Please use Material UI to create the UI

**Reference:**

Please refer this link: <https://practo.com>

**Sprint Plan:****Sprint I Objectives:**

1. Create git repository
2. Create database schema (all tables along with their relationships)
3. Create entities in Spring
4. Create Microservice based structure
5. CRUD on User and Admin
6. Create template in React (Static Only).