QA Technical Assignment

**User Story: Clinic reservation system**

As a patient,

* User should be able to login to system with valid credentials
* User should be able to view list of all available doctors in the system and select available doctor
* Once a user selects a doctor user should be able to view all the available time slot of the doctor and based on availability user should be able to reserve the appointment
* User should be able to see working days and available hours of selected doctor so that user can choose suitable appointment
* Once user reserve appointment with doctor user should receive a confirmation message.
* Once user reserve an appointment with doctor, corresponding time slot becomes unavailable for other patients, ensuring that slot is reserved for only one patient at a time.

**Possible Scenarios**

**API test scenarios**

1. When user login with valid credentials using POST method it should show 200 success code
2. When user login with valid credentials using POST method it should show login successful message
3. User login with invalid credentials using POST it should show 401 code.
4. When user login with invalid credentials using POST method it should show login failed message
5. Verify that user is able to get list all doctors along with available timeslots with GET request
6. When user sends GET request it should return list of all doctors with available timeslot and 200 success code
7. Verify that user is able to book the appointment using POST method from available doctors and timeslots
8. Verify that when user sends POST method for booking appointment it should return 201 code and Appointment booked message
9. Verify that user is not able to book the same appointment using POST method
10. Verify that when user try t book already booked appointment with POST method it should show 400 status code and appointment is already booked error message.

**UI Test Scenarios**

1. User should be able be able to login with valid credentials
2. Once user is logged in, it should navigate to Homepage
3. User should not be able to login with invalid credentials
4. When user login with invalid credentials it should display error message
5. When user is in homepage it should displayed list of all doctors available along with available time slot
6. User should be able to select any doctor and should see all details of doctor
7. When user select a doctor, it should show all available timeslots
8. User should be able to select desired timeslot for particular doctor
9. Once user select a particular timeslot it should not be available to other user
10. When other user tries to select already selected time slot, it should display error message