**Performance Testing**

**User Acceptance Testing (UAT)**

|  |  |
| --- | --- |
| Date | 31 June 2025 |
| Team ID | LTVIP2025TMID48939 |
| Project Name | Docspot: Seamless Appointment Booking For Health |

**User Acceptance Testing -- Docspot Appointment Booking Web App**

**Project Overview:**

· **Project Name:** DocSpot - Seamless Appointment Booking For Health

· **Project Description:**

DocSpot is a full-stack MERN (MongoDB, Express.js, React.js, Node.js) web application designed to simplify health appointment booking for users. It provides a centralized platform where users can find verified healthcare providers, book appointments, receive reminders, and manage medical history. Designed for students, working professionals, and caregivers, the platform prioritizes ease, accessibility, and trust.

**Project Version:** 1.0.0

**Testing Period:** June 15, 2025 to June 25, 2025

**Testing Scope:**

· User Registration and Login

· Doctor Discovery and Filtering by Specialization or Ratings

· Appointment Booking and Confirmation

· Appointment Rescheduling and Cancellation

· Medical History Tracking and Notification System

· Admin Portal: Add/Edit/Delete Doctor Profiles and Schedules

**Testing Environment:**

· **Frontend URL:** http://localhost:3000

· **Backend API URL:** http://localhost:5000

· **Test Credentials (if needed):**

Username: testuser@docspot.com

Password: securePass123

**Test Cases:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | User Registration | Navigate to register → Enter credentials → Click Register | User gets registered and redirected to homepage | As excepted | Pass |
| TC-002 | Login and Dashboard Access | Enter login details → Click Login | User lands on dashboard | As excepted | Pass |
| TC-003 | Search Doctors by Speciality | Enter “Dermatologist”→ Apply filters | List of dermatologists displayed | As excepted | Pass |
| TC-004 | Booking Without Login | Try to book an appointment with logging in | System should prevent booking and prompt for login | Booking was allowed without authentication | Fail |
| TC-005 | Double Booking of Same Slot | Book same slot with same doctor twice | System should back duplicate booking | Duplicate appointment was created | Fail |

**Bug Tracking :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to reproduce** | **Severity** | **Status** | **Additional feedback** |
| BG-001 | Booking allowed without login | Open site → Navigate to doctor profile → Book slot | High | Open | Booking should prompt login before proceeding |
| BG-002 | Appointment rescheduled to past date | Book future slot → Edit →Select a previous date → Confirm | High | Open | Date picker should restrict past selections |