**User Acceptance Testing**

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| --- | --- |
| Date | 26-11-2025 |
| Team ID |  |
| Project Name | DocSpot |
| Maximum Marks |  |

## **Project Overview**

Project Name: DocSpot – Online Doctor Appointment System

Description:  
DocSpot is a web‑based platform that allows patients to find doctors, view their profiles, book appointments, and manage medical documents online, while doctors and admins manage availability, approvals, and system monitoring. It includes secure authentication, role‑based access (patient, doctor, admin), appointment scheduling, document upload (reports/prescriptions), dashboards, and real‑time status updates.​

Project Version: v1.0.0

Testing Period: 2025‑06‑10 to 2025‑06‑17

## **Testing Scope**

Testing for DocSpot will cover the following features:​

* User registration, login, logout, and password reset for patients, doctors, and admins
* Patient and doctor profile creation and updates
* Doctor search, filter, and profile viewing
* Appointment booking, rescheduling, cancellation, and status changes (pending, confirmed, completed, cancelled)
* Admin doctor‑verification workflows and admin dashboard views
* Secure document upload and download for reports and prescriptions
* Notifications and real‑time updates for appointment confirmations and changes
* Role‑based access control for all protected pages and APIs

## **Requirements to be Tested**

* As a patient, I want to search doctors and book appointments easily for a suitable date and time.
* As a doctor, I want to manage my schedule and handle appointment requests efficiently.
* As a user, I want secure authentication so that my medical data and documents remain private.
* As an admin, I want to review and approve doctor registrations and monitor system activity.

These requirements map to common expectations for doctor appointment platforms, including booking flow, security, and admin control.

**Testing Environment**

Testing Environment:

* Application Type: Web (MERN stack – React, Node.js, Express, MongoDB)​
* Browsers: Latest Chrome, Firefox, and Edge on desktop; Chrome on Android mobile

URL:

* [https://docspot.example.com](https://docspot.example.com/)

Test Credentials (sample):

* Patient: patient.test@docspot.com/ patient123
* Doctor: doctor.test@docspot.com/ doctor123
* Admin: admin@docspot.com/ admin123

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## **Test Cases – DocSpot**

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC‑001 | Patient Registration & Login | 1. Visit DocSpot URL. 2. Click “Sign Up”. 3. Fill patient details and submit. 4. Log in with registered email and password. | Patient account is created and user is redirected to patient dashboard after successful login. |  |  |
| TC‑002 | Doctor Registration & Approval | 1. Visit DocSpot URL. 2. Click “Sign Up as Doctor”. 3. Fill details and upload license. 4. Admin logs in and approves the doctor profile. | Doctor account is created in “pending” state and moves to “approved” after admin action. |  |  |
| TC‑003 | Search & View Doctor Profile | 1. Login as patient. 2. Go to “Find Doctors”. 3. Search by specialization and location. 4. Open a doctor profile. | Matching doctors are listed and selected doctor profile shows details and availability. |  |  |
| TC‑004 | Book Appointment | 1. Login as patient. 2. Open doctor profile. 3. Select date and available time slot. 4. Click “Book Appointment”. | Appointment is created with status “pending/confirmed” and appears on patient and doctor dashboards. |  |  |
| TC‑005 | Upload Report for Appointment | 1. Login as patient. 2. Open an existing appointment. 3. Upload a valid report file. | File passes validation and is attached to the appointment, visible to patient and assigned doctor. |  |  |
| TC‑006 | Admin Dashboard Access | 1. Login as admin. 2. Open Admin Dashboard. 3. View doctor approvals, user list, and appointment statistics. | Admin can see protected admin views; non‑admin users cannot access these pages. |  |  |

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## **Bug Tracking – DocSpot**

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| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to Reproduce** | **Severity** | **Status** | **Additional Feedback** |
| BG‑001 | Error on appointment booking form | 1. Login as patient. 2. Open doctor profile. 3. Submit booking form with empty required fields. | Medium | Open | Form should show field‑level validation. |
| BG‑002 | Doctor cannot see newly booked appointment | 1. Login as patient and book an appointment. 2. Login as doctor. 3. Open “Today’s Appointments”. | High | Open | List should refresh and display booking. |
| BG‑003 | Unauthorized access to admin page | 1. Login as patient. 2. Manually enter /admin/dashboard URL. | High | Open | Should redirect to “Access Denied/Login”. |

## **Sign‑off**

Tester Name: Functional Testing

Date: 27/ 11 / 2025

Signature: Umar Farook

Notes:

* Ensure that all test cases cover both positive and negative scenarios for registration, booking, documents, and admin actions.​
* Encourage testers to record detailed feedback for each failed test case, including screenshots where possible.​
* Bug tracking should always include severity, status, environment, and reproducible steps.
* Obtain sign‑off from both the project manager and product owner before final deployment of DocSpot to production.