**User Acceptance Testing (UAT) Template**

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| --- | --- |
| Date | 15 June 2025 |
| Team ID | LTVIP2025TMID46308 |
| Project Name | DOC SPOT |
| Maximum Marks | 4 Marks |

**Project Overview:**

Project Name: DOC SPOT

**Project Description:**

* **A full-stack web platform enabling seamless appointment booking between patients and healthcare providers.**
* **Problem Solved:**
  + **Patients: Difficulty in finding and booking available doctors without delays or phone calls.**
  + **Clinics: Manual systems that lead to scheduling conflicts, no-shows, and inefficiencies.**

**Testing Information:**

**Testing Period: 15th June 2025 – 26th June 2025**

**Testing Environment:**

* **Frontend URL: http://localhost:3000**
* **Backend API: http://localhost:5000/api**

**Testing Tools:**

* **Postman (API Testing)**
* **MongoDB Compass (Database Review)**
* **Browser Developer Tools (UI Debugging)**

**Test User Credentials:**

| **Role** | **Email Address** | **Password** |
| --- | --- | --- |
| Patient | testuser@gmail.com | Test@123 |
| Doctor | testdoctor@gmail.com | Doc@123 |
| Admin | admin@docspot.com | Admin@123 |

**Functional Modules Under Test:**

**1. Authentication & Registration**

* **Patient and doctor registration with input validation**
* **Login with token-based authentication (JWT)**

**2. Doctor Management**

* **Doctor profile creation and availability setup**
* **Admin review for approval or rejection**

**3. Appointment Booking & Management**

* **Search doctors by location/specialty**
* **Book and view appointments**
* **Doctors accept or reject appointments**

**4. Admin Dashboard**

* **View, approve, or block users/doctors**

**5. Real-time Notifications**

* **Alerts for new bookings**
* **Status change updates**

**6. UI & Error Handling**

* **404 error pages**
* **Instant feedback on invalid inputs or actions**

**Test Cases Summary:**

| **ID** | **Scenario** | **Steps Summary** | **Expected Outcome** | **Status** |
| --- | --- | --- | --- | --- |
| TC-001 | Patient Registration | Fill and submit sign-up form | Account created, redirected to dashboard | [✔/✖] |
| TC-002 | Doctor Profile Setup | Login as doctor, complete profile & save | Listed in search results | [✔/✖] |
| TC-003 | Book Appointment | Search → select time → confirm | Appointment visible in dashboard | [✔/✖] |
| TC-004 | Appointment Management | Doctor views/accepts/rejects requests | Status updated, notifications triggered | [✔/✖] |
| TC-005 | Admin Approval Workflow | Admin approves/rejects pending doctor requests | Doctor account activated/blocked | [✔/✖] |
| TC-006 | Notifications | Booking triggers alerts for patient/doctor | Notification displayed instantly | [✔/✖] |
| TC-007 | Error & Feedback Handling | Try invalid actions/URLs | 404 page shown or real-time input alert | [✔/✖] |

**Bug Log:**

| **Bug ID** | **Description** | **Reproduction Steps** | **Severity** | **Status** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| BG-001 | Filter Issue | Search using location + specialty | Medium | Open | Incomplete results returned |

**Key User Stories**

* **👤 *As a patient*, I want a quick and easy way to find and book appointments with doctors.**
* **🩺 *As a doctor*, I want to manage my schedule and see patient details.**
* **🛠 *As an admin*, I want full control over users and platform activity.**
* **📲 *As a user*, I should receive clear, real-time feedback on forms and bookings.**