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| --- | --- | --- | --- | --- | --- |
| Business Req. ID | Business Use Case | Functional Req. ID | Functional Use Case | Priority | Test Case ID(s) |
| BR\_1 | User Management & Authentication | FR\_1.1 | Patient Registration | High | TC\_UM\_001 |
|  |  | FR\_1.2 | Patient Login | High | TC\_UM\_002 |
|  |  | FR\_1.3 | Doctor Login | High | TC\_UM\_003 |
|  |  | FR\_1.4 | Admin Login | High | TC\_UM\_004 |
|  |  | FR\_1.5 | Role-based Access | High | TC\_UM\_005 |
| BR\_2 | Patient Dashboard | FR\_2.1 | Book Appointment | High | TC\_PD\_001, TC\_PD\_002 |
|  |  | FR\_2.2 | Reschedule Appointment | Medium | TC\_PD\_003 |
|  |  | FR\_2.3 | Cancel Appointment | Medium | TC\_PD\_004 |
|  |  | FR\_2.4 | View Appointment History | High | TC\_PD\_005 |
|  |  | FR\_2.5 | View Medical History | High | TC\_PD\_006 |
|  |  | FR\_2.6 | Manage Patient Profile | High | TC\_PD\_007 |
|  |  | FR\_2.7 | View Prescriptions | High | TC\_PD\_008 |
| BR\_3 | Doctor Dashboard | FR\_3.1 | Manage Schedule | High | TC\_DD\_001, TC\_DD\_002 |
|  |  | FR\_3.2 | View Patient List | High | TC\_DD\_003 |
|  |  | FR\_3.3 | Issue Prescriptions | High | TC\_DD\_004 |
|  |  | FR\_3.4 | Update Availability | Medium | TC\_DD\_005 |
| BR\_4 | Admin Dashboard | FR\_4.1 | Manage Users | High | TC\_AD\_001, TC\_AD\_002 |
|  |  | FR\_4.2 | Manage Departments | High | TC\_AD\_003 |
|  |  | FR\_4.3 | System Configuration | Medium | TC\_AD\_004 |
|  |  | FR\_4.4 | Monitor Appointments | Medium | TC\_AD\_005 |

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Hospital Website Requirements Traceability Matrix

Test Case Descriptions

|  |  |
| --- | --- |
| Test Case ID | Test Case Description |
| TC\_UM\_001 | Verify if a new patient can successfully register. |
| TC\_UM\_002 | Verify if a registered patient can log in with valid credentials. |
| TC\_UM\_003 | Verify if a registered doctor can log in with valid credentials. |
| TC\_UM\_004 | Verify if the administrator can log in with valid credentials. |
| TC\_UM\_005 | Verify that users can only access features allowed for their role. |
| TC\_PD\_001 | Verify if a patient can book a new appointment. |
| TC\_PD\_002 | Verify that a patient can select a doctor and time slot. |
| TC\_PD\_003 | Verify if a patient can reschedule an appointment. |
| TC\_PD\_004 | Verify if a patient can cancel an appointment. |
| TC\_PD\_005 | Verify if a patient can view past and upcoming appointments. |
| TC\_PD\_006 | Verify if a patient can view medical history records. |
| TC\_PD\_007 | Verify if a patient can update profile information. |
| TC\_PD\_008 | Verify if a patient can view issued prescriptions. |
| TC\_DD\_001 | Verify if a doctor can view their appointment schedule. |
| TC\_DD\_002 | Verify if a doctor can see upcoming appointments. |
| TC\_DD\_003 | Verify if a doctor can view their list of patients. |
| TC\_DD\_004 | Verify if a doctor can issue a prescription. |
| TC\_DD\_005 | Verify if a doctor can update their availability. |
| TC\_AD\_001 | Verify if admin can view a list of all users. |
| TC\_AD\_002 | Verify if admin can manage user accounts. |
| TC\_AD\_003 | Verify if admin can manage hospital departments. |
| TC\_AD\_004 | Verify if admin can configure system settings. |
| TC\_AD\_005 | Verify if admin can monitor all appointments. |