

Project Name: Hospital Management System

Module: Patient Register Module

Test Type: White Box Testing

Test Date: 30 September, 2023

➤ **Test Case Title:** Patient Registration

➤ **Test Case ID:** TC_001_01

➤ **Test Objective:** To verify the correctness and reliability of the internal logic, code structure, and functionality of the Patient Registration module in the Hospital Management System.

➤ **Test Environment:**

- Hardware: Windows Server 2019, 8 GB RAM, Intel Core i7 processor
- Software: Hospital Management System version 2.0, Microsoft SQL Server 2019
- Network: Local Area Network
- Database: HospitalDB (Schema version 1.0)
- Test Data: Sample patient records and medical data
- Configuration Settings: default settings with no custom configurations

➤ **Test Prerequisites:** None

➤ **Test Input:** Patient information (Name, Age, Gender, Contact)

➤ **Test Steps:**

- Open the Hospital Management System application.
- Navigate to the Patient Registration module.
- Enter valid patient information.
- Click the "Register" button.

➤ **Test Data:** Patient Name: John Doe, Age: 35, Gender: Male, Contact: 123-456-7890

Expected Result: The patient should be successfully registered in the system.

➤ **Actual Result:** The patient is successfully registered.

➤ **Pass/Fail Criteria:** Pass

➤ **Test Verdict:** Test case passed.

➤ **Defects:** No defect found.

➤ **Notes/Comments:** Patient registered successfully.

➤ **Test Execution Date:** 30 September, 2023

➤ **Tested By:** Naman Bhalani

➤ **Review/Approval:** Naman Bhalani

➤ **Attachments:** N/A

Project Name: Hospital Management System

Module: Appointment Booking Module

Test Type: White Box Testing

Test Date: 30 September, 2023

➤ **Test Case Title:** Appointment Booking

➤ **Test Case ID:** TC_002_01

➤ **Test Objective:** To verify the correctness and reliability of the internal logic, code structure, and functionality of the Appointment Booking module in the Hospital Management System.

➤ **Test Environment:**

- Hardware: Windows Server 2019, 8 GB RAM, Intel Core i7 processor
- Software: Hospital Management System version 2.0, Microsoft SQL Server 2019
- Network: Local Area Network
- Database: HospitalDB (Schema version 1.0)
- Test Data: Sample patient records and medical data
- Configuration Settings: default settings with no custom configurations

➤ **Test Prerequisites:** Patient must be registered.

➤ **Test Input:** Doctor selection and appointment date/time

➤ **Test Steps:**

- Open the Hospital Management System application.
- Navigate to the Appointment Booking module.
- Select a doctor from the list.
- Choose an appointment date and time.
- Click the "Book Appointment" button.

➤ **Test Data:** Doctor: Dr. Ranjan, Appointment Date: 25 September, 2023, Appointment Time: 3:00 pm

➤ **Expected Result:** The appointment should be successfully booked.

➤ **Actual Result:** The appointment is successfully booked.

➤ **Pass/Fail Criteria:** Pass

➤ **Test Verdict:** Test case passed.

➤ **Defects:** No defect found.

➤ **Notes/Comments:** Appointment booked successfully.

➤ **Test Execution Date:** 30 September

➤ **Tested By:** Naman Bhalani

➤ **Review/Approval:** Naman Bhalani

➤ **Attachments:** N/A

Project Name: Hospital Management System

Module: Medical Record Access Module

Test Type: White Box Testing

Test Date: 30 September, 2023

➤ **Test Case Title:** Medical Records Access

➤ **Test Case ID:** TC_003_01

➤ **Test Objective:** To verify the correctness and reliability of the internal logic, code structure, and functionality of the Medical Records Access module in the Hospital Management System.

➤ **Test Environment:**

- Hardware: Windows Server 2019, 8 GB RAM, Intel Core i7 processor
- Software: Hospital Management System version 2.0, Microsoft SQL Server 2019
- Network: Local Area Network
- Database: HospitalDB (Schema version 1.0)
- Test Data: Sample patient records and medical data
- Configuration Settings: default settings with no custom configurations

➤ **Test Prerequisites:** Patient must have a medical record.

➤ **Test Input:** Patient ID

➤ **Test Steps:**

- Open the Hospital Management System application.
- Navigate to the Medical Records Access module.
- Enter the patient's ID.
- Click the "View Medical Records" button.

➤ **Test Data:** Patient ID: P000001000

➤ **Expected Result:** The patient's medical records should be displayed.

➤ **Actual Result:** The patient's medical records are displayed.

➤ **Pass/Fail Criteria:** Pass

➤ **Test Verdict:** Test case passed.

➤ **Defects:** No defect found.

➤ **Notes/Comments:** Medical records were accessed successfully.

➤ **Test Execution Date:** 30 September, 2023

➤ **Tested By:** Ayush Chaubey

➤ **Review/Approval:** Ayush Chaubey

➤ **Attachments:** N/A