

# Manual Test Case Report

## *Healthcare Management System*

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### 1. Introduction

A **Healthcare Management System** helps hospitals and clinics manage **patient records, appointments, doctor schedules, prescriptions, and billing**.

This report covers the **manual testing** of major functionalities to ensure accuracy, security, and smooth patient experience.

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### 2. Objectives of Testing

- Verify patient registration
  - Validate appointment booking
  - Check doctor & prescription modules
  - Ensure secure login
  - Identify system defects
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### 3. Scope of Testing

Modules tested:

1. User Login
2. Patient Registration
3. Appointment Booking
4. Doctor Management
5. Prescription
6. Billing
7. Logout

4. Test Environment

Item	Details	
	Application	Healthcare Web App
	Browser	Google Chrome
	OS	Windows 10
	Testing Type	Manual Testing
	Tester	Subrat Gupta
	Test Data	Dummy patient data

5. Test Case Format

Field	Description	
	Test Case ID	Unique ID
	Module	Functional Area
	Scenario	What to test
	Steps	Actions
	Test Data	Input
	Expected Result	Expected Output
	Actual Result	System Output
	Status	Pass/Fail
	Priority	High/Medium/Low

6. Test Cases

TC\_01 – Valid Login

Field	Description	
	Test Case ID	TC_LOGIN_01
	Module	Login
	Test Scenario	Login with valid credentials
	Precondition	User is registered

<i>Test Steps</i>	1. Open login page 2. Enter valid username & password 3. Click Login
<i>Test Data</i>	admin@hospital.com / pass123
<i>Expected Result</i>	User redirected to dashboard
<i>Actual Result</i>	Login successful
<i>Status</i>	Pass
<i>Priority</i>	High

### TC\_02 – Invalid Login

<i>Field</i>	<b>Description</b>
<i>Test Case ID</i>	TC_LOGIN_02
<i>Module</i>	Login
<i>Test Scenario</i>	Login with wrong password
<i>Precondition</i>	User is registered
<i>Test Steps</i>	Enter valid username, wrong password
<i>Test Data</i>	admin@hospital.com / wrong123
<i>Expected Result</i>	Error message displayed
<i>Actual Result</i>	Error shown
<i>Status</i>	Pass
<i>Priority</i>	High

### TC\_03 – Register New Patient

<i>Field</i>	<b>Description</b>
<i>Test Case ID</i>	TC_PAT_01
<i>Module</i>	Patient Registration
<i>Test Scenario</i>	Add new patient
<i>Precondition</i>	User logged in
<i>Test Steps</i>	Fill patient form, click Save
<i>Test Data</i>	Name: Ramesh, Age: 45

<i>Expected Result</i>	Patient added successfully
<i>Actual Result</i>	Patient added
<i>Status</i>	Pass
<i>Priority</i>	High

#### TC\_04 – Book Appointment

<i>Field</i>	<b>Description</b>
<i>Test Case ID</i>	TC_APP_01
<i>Module</i>	Appointment
<i>Test Scenario</i>	Book doctor appointment
<i>Precondition</i>	Patient exists
<i>Test Steps</i>	Select doctor, date, click Book
<i>Test Data</i>	Dr. Sharma
<i>Expected Result</i>	Appointment confirmed
<i>Actual Result</i>	Appointment booked
<i>Status</i>	Pass
<i>Priority</i>	High

#### TC\_05 – Add Prescription

<i>Field</i>	<b>Description</b>
<i>Test Case ID</i>	TC_PRE_01
<i>Module</i>	Prescription
<i>Test Scenario</i>	Add patient prescription
<i>Precondition</i>	Appointment exists
<i>Test Steps</i>	Enter medicines, click Save
<i>Test Data</i>	Paracetamol
<i>Expected Result</i>	Prescription saved
<i>Actual Result</i>	Saved successfully
<i>Status</i>	Pass

Priority	High
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### TC\_06 – Generate Bill

Field	Description
Test Case ID	TC_BILL_01
Module	Billing
Test Scenario	Generate patient bill
Precondition	Treatment completed
Test Steps	Click Generate Bill
Test Data	₹1500
Expected Result	Bill generated
Actual Result	Bill created
Status	Pass
Priority	Medium

### TC\_07 – View Patient Records

Field	Description
Test Case ID	TC_REC_01
Module	Records
Test Scenario	View patient details
Precondition	Patient exists
Test Steps	Search patient
Test Data	Patient ID: 101
Expected Result	Records displayed
Actual Result	Records shown
Status	Pass
Priority	Medium

### TC\_08 – Logout

Field	Description
Test Case ID	TC_LOGOUT_01
Module	Logout
Test Scenario	Logout from system
Precondition	User logged in
Test Steps	Click Logout
Test Data	N/A
Expected Result	Redirect to login page
Actual Result	Redirected
Status	Pass
Priority	Low

## 7. Defect Report

Defect ID	Module	Description	Severity
D_01	Appointment	Date selection not working	High
D_02	Billing	Incorrect tax calculation	Medium

## 8. Test Summary

Total	Passed	Failed
8	6	2

## 9. Conclusion

The Healthcare System performs well in managing patients, appointments, and billing. However, improvements are required in:

- Appointment scheduling
- Billing accuracy
- Input validation

## 10. Tester Details

**Name:** Subrat Gupta

**Role:** Automation with Selenium

**Date:** January 2026