Healthcare System
Test Case Report

Test Case 1.1: Patient Registration

Field	Description
Test Case ID	TC_Health_PatReg_01
Test Case Title	Register new patient with complete details
Module Name	Patient Registration
Preconditions	Healthcare system accessible, user has registration permissions
Test Steps	1. Navigate to Patient Registration module 2. Click "New Patient" button 3. Enter patient name "Rajesh Kumar" 4. Enter date of birth "15-Mar-1985" 5. Select gender "Male" 6. Enter contact number "9988776655" 7. Enter address and emergency contact 8. Click "Register" button
Test Data	Name: Rajesh Kumar DOB: 15-Mar-1985 Gender: Male Phone: 9988776655 Address: 456 Park Road, Indore
Expected Result	Patient should be registered successfully, unique patient ID generated, confirmation message displayed
Actual Result	Patient registered with ID PAT10001
Status	Pass
Remarks	Registration module working efficiently

Test Case 1.2: Book Appointment

Field	Description
Test Case ID	TC_Health_Appt_02
Test Case Title	Book doctor appointment for registered patient
Module Name	Appointment Management
Preconditions	Patient registered, doctor available
Test Steps	1. Navigate to Appointment Booking 2. Enter patient ID "PAT10001" 3. Select department "Cardiology" 4. Select doctor "Dr. Sharma" 5. Choose available date "20-Jan-2026" 6. Select time slot "10:00 AM" 7. Click "Book Appointment" button
Test Data	Patient ID: PAT10001 Department: Cardiology Doctor: Dr. Sharma Date: 20-Jan-2026 Time: 10:00 AM
Expected Result	Appointment should be booked successfully, appointment ID generated, SMS/email confirmation sent to patient
Actual Result	Appointment booked successfully, ID: APT5001, confirmation sent
Status	Pass
Remarks	Appointment booking working smoothly

Test Case 1.3: Update Medical Records

Field	Description
Test Case ID	TC_Health_MedRecord_03
Test Case Title	Add diagnosis and prescription to patient record
Module Name	Medical Records
Preconditions	Patient record exists, doctor logged in
Test Steps	1. Search for patient using ID "PAT10001" 2. Open patient medical record 3. Click "Add Diagnosis" 4. Enter diagnosis "Hypertension" 5. Add prescription details 6. Enter medications and dosage 7. Click "Save" button
Test Data	Patient ID: PAT10001 Diagnosis: Hypertension Medication: Amlodipine 5mg, once daily
Expected Result	Medical record should be updated successfully, diagnosis and prescription saved, accessible in patient history
Actual Result	Record updated successfully
Status	Pass
Remarks	Medical records module functioning correctly

Test Case 1.4: Generate Lab Report

Field	Description
Test Case ID	TC_Health_LabReport_04
Test Case Title	Upload and generate lab test report
Module Name	Laboratory Management
Preconditions	Lab test conducted, patient record exists
Test Steps	1. Navigate to Laboratory module 2. Enter patient ID "PAT10001" 3. Select test type "Blood Test - Complete" 4. Enter test results and values 5. Add lab technician remarks 6. Click "Generate Report" button 7. Verify report generated
Test Data	Patient ID: PAT10001 Test: Complete Blood Count Hemoglobin: 13.5 g/dL
Expected Result	Lab report should be generated successfully, report available in patient records, downloadable PDF format
Actual Result	Report generated successfully, available in patient portal
Status	Pass
Remarks	Laboratory system working as expected

Test Execution Summary

System: Healthcare System

Total Test Cases Executed: 4

Passed: 4

Failed: 0

Pass Percentage: 100%

All test cases for the Healthcare System have been executed successfully. The patient registration, appointment booking, medical records management, and lab report generation functionalities are working as expected with no defects identified.

Report Created: *January 15, 2026*