



American International University-Bangladesh (AIUB)

Department of Computer Science

Faculty of Science & Technology (FST)

Spring 22-23

Section: J

Software Quality Testing

**Hospital Management System**

A Report Submitted By

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# Software Test Plan

for

<Hospital Management System>

Version 1.0 approved.

Prepared by

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American International University – Bangladesh

Date: 28-04-23

# 1. TEST CASES/TEST ITEMS

Test Case ID: FR_1		Test Designed date: 26/04/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Md. Monzurul Kabir Zhanda		
Module Name: Login and logout Session		Test Execution date: 26/04/2023		
Test Title: verify login with valid username and password				
Description: Test website login page				
Precondition (If any): The user must have a valid username and password				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Enter username 3. Enter password 4. Click submit 5. Click Logout	Username: mKabir  Password: 123	The user should login into the application  The user should be logged out	As expected,	Pass
Post Condition: The user is validated with the database and successfully login to the account. The account session details are logged in the database.				

## Test Case for Login and Logout

Test Case ID: FR_2		Test Designed date: 26/04/23		
Test Priority (Low, Medium, High): Medium		Test Executed by: Fahim Muntasir Ruby		
Module Name: Patient History		Test Execution date: 26/04/23		
Test Title: Patient history check				
Description: Test Patient history by id				
Precondition (If any): Patient must be appointed letter				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website. 2. Enter Patient ID 3. Click submit	Patient ID: P2201	Shows patient disease history and includes id name and age	As expected,	Pass
Post Condition: For showing the patient history all needed data of a patient must be stored in the database.				

## Test Case for Patient History

Test Case ID: FR_3		Test Designed date: 26/04/23		
Test Priority (Low, Medium, High): Medium		Test Executed by: Sayed Ahamed Shams		
Module Name: Appointment management		Test Execution date: 26/04/23		
Test Title: verify delete and edit functionality in appointment module				
Description: Test website Appointment page				
Precondition (If any): Admin can add, delete appointments, and edit appointment details				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website. 2. Delete an Appointment 3. Edit an Appointment 4. Click submit	Patient Name: Hasan Jahid  Email: jahid@gmail.com	One appointment should be deleted and another's name and email should be updated.	As expected,	Pass
Post Condition: Appointment information should be stored in the database and should be accessible for both admin and doctor.				

### Test Case for Appointment Management

Test Case ID: FR_4		Test Designed date: 26/04/23		
Test Priority (Low, Medium, High): Medium		Test Executed by: Md. Shohaibur Rahman		
Module Name: Diagnosis test		Test Execution date: 26/04/23		
Test Title: add a medical test for a specific patient.				
Description: Test website diagnosis page.				
Precondition (If any): The doctor must have a valid username and password				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Click add report 3. Select test 4. Click submit button	Patient ID: P2201  Test Name: Coronary Angiogram	The doctor should be redirected to the homepage.	Test criteria passed successfully.	Pass
Post Condition: A test request should be added to the desired patient's reference.				

### Test Case for Diagnosis Test

## 2. TEST SCRIPTS

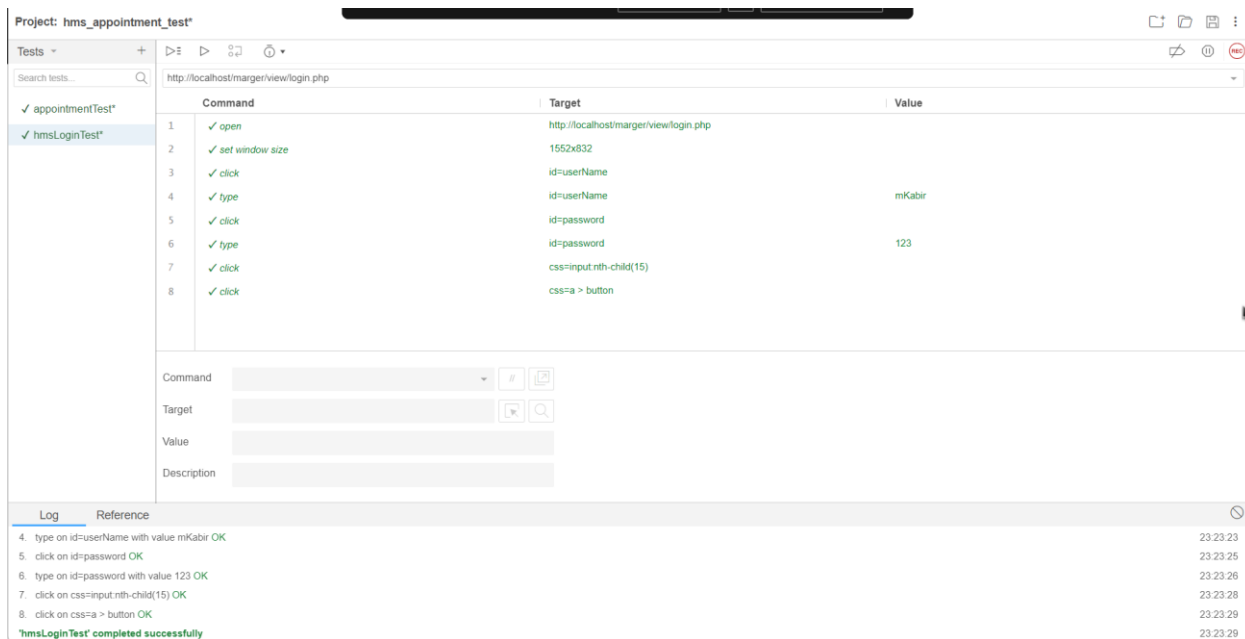


Fig 2.1: Login and Logout

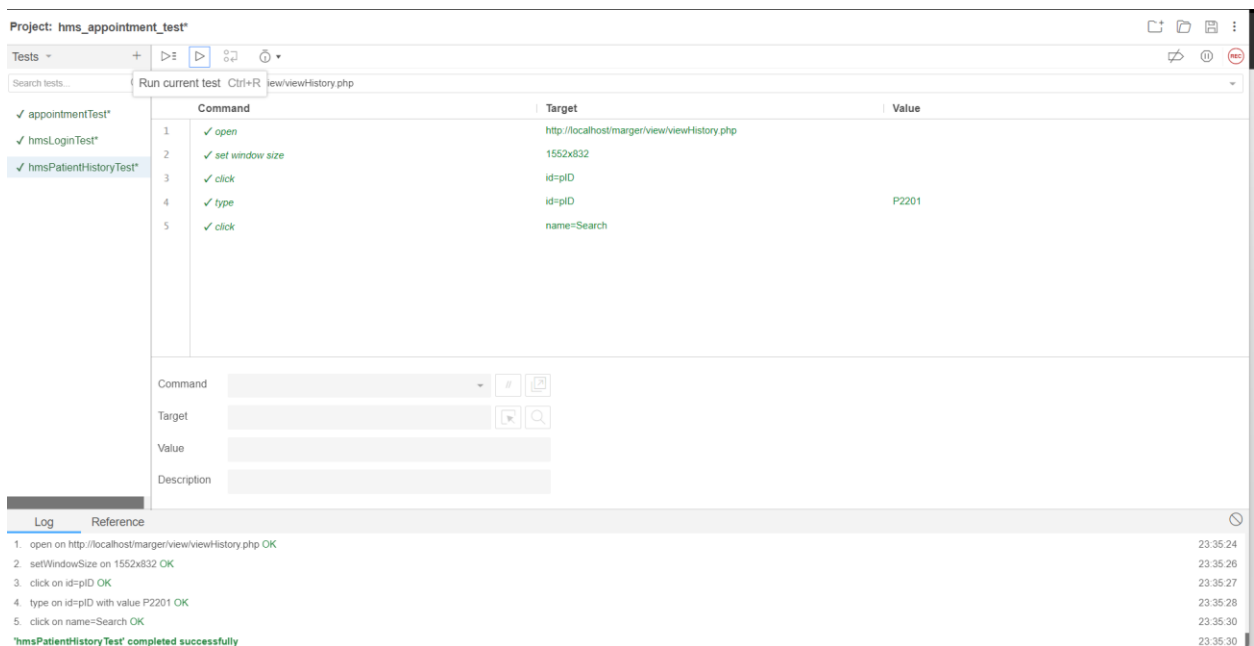
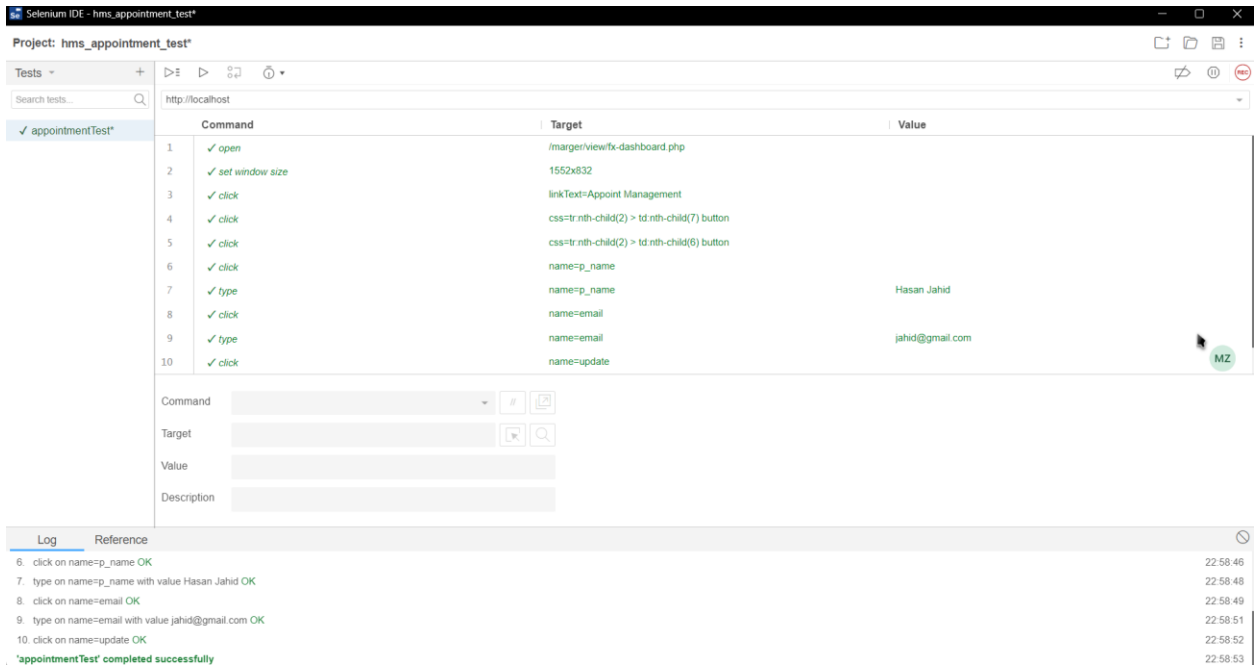
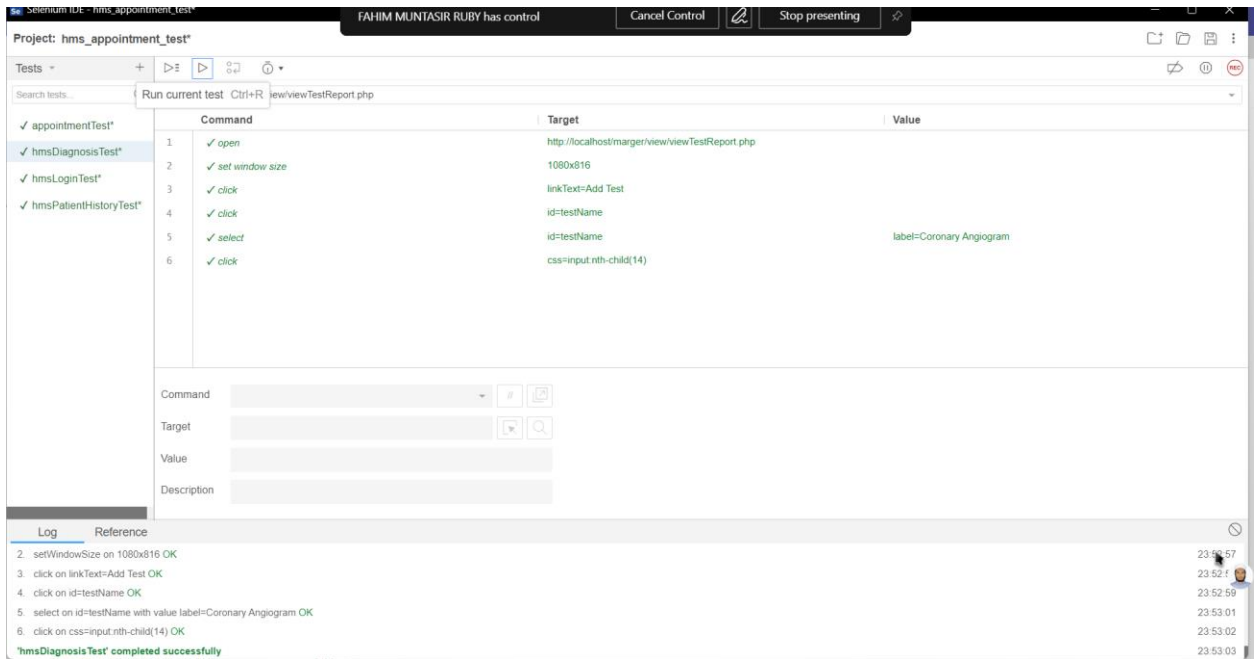


Fig 2.2: Patient History



**Fig 2.3: Appointment Management**



**Fig 2.4: Diagnosis Test**