

American International University-Bangladesh (AIUB)  
Department of Computer Science  
Faculty of Science &Technology (FST)  
Sprint 22 23

Section: G  
Software Quality Assurance and Testing

Smart Health Care System

A Report submitted

By

|  |  |  |
| --- | --- | --- |
| SN | Student Name | Student ID |
| 1 | Izaz Siddique | 20-44060-2 |
| 2 | K M Sadman Akib | 20-44048-2 |
| 3 | Nafisa Hossain | 20-44090-2 |
| 4 |  |  |

Under the supervision of

FARZANA BINTE ALAM

Faculty Designation

Lecturer

Software Test Plan

for

Smart Health Care System

Version 1.0 approved

Prepared by

Izaz Siddique

K M Sadman Akib

Nafisa Hossain

American International University-Bangladesh

27 April, 2023

**Checked By Industry Personnel**

Name: Wasif zaman sunan

Designation: QA engineer

Company: Riseuplabs

Sign:

Date:

**Test case for Login:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Project Name: Smart Health Care System | | | Test Designed by: Izaz Siddique | | |
| Test Case ID: SHC\_1 | | | Test Designed date:18.04.2023 | | |
| Test Priority (Low, Medium, High): Medium | | | Test Executed by: Izaz Siddique | | |
| Module Name: Patient Login Session | | | Test Execution date:18.04.2023 | | |
| Test Title: Verify login with valid mobile number and password | | |  | | |
| Description: Test website login page | | |  | | |
| Precondition (If any): User must have registered into the website | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Go to the website 2. Enter mobile number 3. Enter password 4. Click “Submit” button | Mobile: 01521568222  Password: Ahmedakib | User should login into the application | | As expected | Pass |
| Post Condition: User is validated with database and successfully login to account. The account session details are logged in the database. | | | | | |

**Test Case for Registration:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Project Name: Smart Health Care System | | | Test Designed by: Izaz Siddique | |
| Test Case ID: SHC\_2 | | | Test Designed date: 18.04.2023 | |
| Test Priority (Low, Medium, High): Medium | | | Test Executed by: Izaz Siddique | |
| Module Name: Registration Session | | | Test Execution date:18.04.2023 | |
| Test Title: Patient Register with valid mobile number,email and password and all other information | | | | |
| Description: Test website registration page | | | | |
| Precondition (If any): User must have a valid mobile number and email address. | | | | |
| Test Steps | Test Data | Expected Results | Actual Results | Status (Pass/Fail) |
| 1. Go to the website. 2. Click Register button. 3. Enter name. 4. Enter email. 5. Enter date of birth 6. Enter gender. 7. Enter password. 8. Repeat password. 9. Click submit | Name: Neon Islam  Email: neon@gmail.com  Mobile:01781726391  Dob: 12/14/2022  Gender: Male Age: 25  Password: Neon12345  Repeat password: Neon12345 | User should register himself/herself into the application. | As expected | Pass |
| Post Condition: User is validated with database and successfully registered an account. The account session details are stored in the database. | | | | |

**Test case for Appointment:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Project Name: Smart Health Care System | | | Test Designed by:Sadman Akib | | |
| Test Case ID: SHC\_3 | | | Test Designed date:20.4.2023 | | |
| Test Priority (Low, Medium, High): Medium | | | Test Executed by: Sadman Akib | | |
| Module Name: Appointment Session | | | Test Execution date:20.4.2023 | | |
| Test Title: Take appointment using doctor name and mobile number. | | |  | | |
| Description: Test website Appointment page | | |  | | |
| Precondition (If any): User must have valid doctor name and mobile number | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Go to the website. 2. Login as a patient 3. Click on “Appointment”. 4. Enter Doctor name. 5. Enter mobile number 6. Click submit | Doctor name: Manjuma Mim  Mobile: 01845678432 | User should take an appointment successfully | | As expected, | Pass |
| Post Condition: User is able to take an appointment of a doctor and this details is stored in database . | | | | | |

**Test case for Update patient profile:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Project Name: Smart Health Care System | | | Test Designed by: Sadman Akib | | |
| Test Case ID: SHC\_4 | | | Test Designed date:20.4.2023 | | |
| Test Priority (Low, Medium, High): Medium | | | Test Executed by: Sadman Akib | | |
| Module Name: Update patient profile session | | | Test Execution date:20.4.2023 | | |
| Test Title: Update user profile with valid username, email, date of birth, and gender. | | |  | | |
| Description: Test website update patient page | | |  | | |
| Precondition (If any): User must have valid username and password | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Go to the website. 2. Login as atient. 3. Click”update info”. | Re type name:Izaz Siddique Re type mobile number:01575267348  Re type email:sizaz886@gmail.com  Re type age:23 Re type gender: male  Re type DoB:25/4/2000 | Patient should update his/her profile of the application | | As expected, | Pass |
| Post Condition: User is validated with database and successfully update its profile. | | | | | |

**Test case for Update Doctor profile:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Project Name: Smart Health Care System | | | Test Designed by:Nafisa Hossain | | |
| Test Case ID: SHC\_5 | | | Test Designed date:22.04.2023 | | |
| Test Priority (Low, Medium, High): Medium | | | Test Executed by: Nafisa Hossain | | |
| Module Name: Update doctor profile page | | | Test Execution date:22.04.2023 | | |
| Test Title: Update doctor profile with valid username, email, date of birth, and gender. | | |  | | |
| Description: Test website update doctor profile page | | |  | | |
| Precondition (If any): User must have valid username and password | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Go to the website. 2. Login as doctor. 3. Click”update info”. | Re type name:Nafisa Hossain Re type mobile number:01575212345  Re type email:nafisa86@gmail.com  Re type age:23 Re type gender: female  Re type DoB:5/3/2000 Re type Specialist: Neck Specialis | Doctor should update a post into the application | | As expected, | Pass |
| Post Condition: Doctor is validated with database and successfully update its profile. | | | | | |

**Test case for Login:**

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class Login {

public static void main(String[] args) throws InterruptedException {

// System Property for Chrome Driver

System.setProperty("webdriver.chrome.driver","D:\\chromedriver\_win32\\chromedriver.exe");

// Instantiate a ChromeDriver class.

WebDriver driver=new ChromeDriver();

// Launch Website

driver.navigate().to("http://localhost/Doctor/Patient/PatientDashboardPanel/front.php");

//Maximize the browser

driver.manage().window().maximize();

driver.get("http://localhost/Doctor/Patient/PatientDashboardPanel/patientRegistor.php");

driver.findElement(By.name("mobile")).sendKeys("01521568222");

driver.findElement(By.name("password")).sendKeys("Ahmedakib");

driver.findElement(By.name("submit")).click();

Thread.sleep(4000);

driver.quit();

}  
  
**Test Case for Registration:**

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class Registration {

public static void main(String[] args) throws InterruptedException {

// System Property for Chrome Driver

System.setProperty("webdriver.chrome.driver","D:\\chromedriver\_win32\\chromedriver.exe");

// Instantiate a ChromeDriver class.

WebDriver driver=new ChromeDriver();

// Launch Website

driver.navigate().to("http://localhost/Doctor/Patient/PatientDashboardPanel/front.php");

//Maximize the browser

driver.manage().window().maximize();

driver.get("http://localhost/Doctor/Patient/PatientDashboardPanel/patientRegistor.php");

driver.findElement(By.id("name")).sendKeys("Neon Islam");

driver.findElement(By.id("email")).sendKeys("neon@gmail.com");

driver.findElement(By.id("mobile")).sendKeys("01781726391");

driver.findElement(By.id("dob")).sendKeys("12/14/2022");

driver.findElement(By.id("age")).sendKeys("25");

driver.findElement(By.id("password")).sendKeys("neon1234");

driver.findElement(By.className("gender")).sendKeys("male");

driver.findElement(By.name("submit")).click();

Thread.sleep(4000);

driver.quit();

}

}  
  
**Test case for Appointment:**

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class Appoinment {

public static void main(String[] args) throws InterruptedException {

// System Property for Chrome Driver

System.setProperty("webdriver.chrome.driver","D:\\chromedriver\_win32\\chromedriver.exe");

// Instantiate a ChromeDriver class.

WebDriver driver=new ChromeDriver();

// Launch Website

driver.navigate().to("http://localhost/Doctor/Patient/PatientDashboardPanel/front.php");

//Maximize the browser

driver.manage().window().maximize();

driver.get("http://localhost/Doctor/Main/AdminDashboardPanel/AdminLogin.php");

driver.findElement(By.name("mobile")).sendKeys("01521568222");

driver.findElement(By.name("password")).sendKeys("Ahmedakib");

driver.findElement(By.name("submit")).click();

driver.get("http://localhost/Doctor/Main/AdminDashboardPanel/AppointmentList.php");

driver.findElement(By.name("name")).sendKeys("Sadman Akib nipun");

driver.findElement(By.name("drname")).sendKeys("Manjuma Mim");

driver.findElement(By.name("mobile")).sendKeys("01845678432");

driver.findElement(By.name("submit")).click();

Thread.sleep(4000);

driver.quit();

}

}  
  
**Test case for Update patient profile:**

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class Editpatient {

public static void main(String[] args) throws InterruptedException {

// System Property for Chrome Driver

System.setProperty("webdriver.chrome.driver","D:\\chromedriver\_win32\\chromedriver.exe");

// Instantiate a ChromeDriver class.

WebDriver driver=new ChromeDriver();

// Launch Website

driver.navigate().to("http://localhost/Doctor/Patient/PatientDashboardPanel/front.php");

//Maximize the browser

driver.manage().window().maximize();

driver.get("http://localhost/Doctor/Main/AdminDashboardPanel/AdminLogin.php");

driver.findElement(By.name("mobile")).sendKeys("muvin@gmail.com");

driver.findElement(By.name("password")).sendKeys("Muvin12345");

driver.findElement(By.name("submit")).click();

driver.get("http://localhost/Doctor/Main/AdminDashboardPanel/UserList.php");

driver.get("http://localhost/Doctor/Main/AdminDashboardPanel/EditPatient.php");

driver.findElement(By.name("name")).clear();

driver.findElement(By.name("name")).sendKeys("Izaz Siddique");

driver.findElement(By.name("email")).clear();

driver.findElement(By.name("email")).sendKeys("sizaz886@gmail.com");

driver.findElement(By.name("dob")).clear();

driver.findElement(By.name("dob")).sendKeys("25/4/2000");

driver.findElement(By.name("mobile")).clear();

driver.findElement(By.name("mobile")).sendKeys("01575267348");

driver.findElement(By.name("age")).clear();

driver.findElement(By.name("age")).sendKeys("23");

driver.findElement(By.name("gender")).clear();

driver.findElement(By.name("gender")).sendKeys("male");

driver.findElement(By.name("submit")).click();

Thread.sleep(4000);

driver.quit();

}

}  
  
**Test case for Update Doctor profile:**

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class Editdoctor {

public static void main(String[] args) throws InterruptedException {

// System Property for Chrome Driver

System.setProperty("webdriver.chrome.driver","D:\\chromedriver\_win32\\chromedriver.exe");

// Instantiate a ChromeDriver class.

WebDriver driver=new ChromeDriver();

// Launch Website

driver.navigate().to("http://localhost/Doctor/Patient/PatientDashboardPanel/front.php");

//Maximize the browser

driver.manage().window().maximize();

driver.get("http://localhost/Doctor/Main/AdminDashboardPanel/AdminLogin.php");

driver.findElement(By.name("mobile")).sendKeys("muvin@gmail.com");

driver.findElement(By.name("password")).sendKeys("Muvin12345");

driver.findElement(By.name("submit")).click();

driver.get("http://localhost/Doctor/Main/AdminDashboardPanel/DoctorList.php");

driver.get("http://localhost/Doctor/Main/AdminDashboardPanel/EditDoctor.php");

driver.findElement(By.name("name")).clear();

driver.findElement(By.name("name")).sendKeys("Nafisa Hossain");

driver.findElement(By.name("email")).clear();

driver.findElement(By.name("email")).sendKeys("nafisa86@gmail.com");

driver.findElement(By.name("dob")).clear();

driver.findElement(By.name("dob")).sendKeys("5/3/2000");

driver.findElement(By.name("mobile")).clear();

driver.findElement(By.name("mobile")).sendKeys("01575212345");

driver.findElement(By.name("age")).clear();

driver.findElement(By.name("age")).sendKeys("23");

driver.findElement(By.name("spec")).clear();

driver.findElement(By.name("spec")).sendKeys("Neck Specialis");

driver.findElement(By.name("gender")).clear();

driver.findElement(By.name("gender")).sendKeys("female");

driver.findElement(By.name("submit")).click();

Thread.sleep(4000);

driver.quit();

}

}