



American International University Bangladesh (AIUB)

Department of Computer Science  
Faculty of Science & Technology (FST)  
Summer 22 23

Section: C  
Software Quality Assurance and Testing

## Legal Search

Team Name: Error Crushers

A Report submitted.  
By

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Under the supervision of

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Faculty Designation  
Lecturer

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Software Automated Test Plan

Test case for Login:

Project Name: Blog Management System		Test Designed by: MD Salman Hossain		
Test Case ID: FR_1		Test Designed date: 22/07/2023		
Test Priority (Low, Medium, High): High		Test Executed by: MD Salman Hossain		
Module Name: Login Session		Test Execution date: 23/07/2023		
Test Title: verify login with valid username and password				
Description: Test website login 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. Enter username 3. Enter password 4. Click submit	Username: Admin  Password: Admin12345	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: Blog Management System			Test Designed by: MD Salman Hossain	
Test Case ID: FR_2			Test Designed date: 23/06/2023	
Test Priority (Low, Medium, High): Medium			Test Executed by: Nouroj Amin	
Module Name: Registration Session			Test Execution date: 23/06/2023	
Test Title: Register with valid username and password and all other criteria.				
Description: Test website registration page				
Precondition (If any): None				
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: Salman Hossain Email: salman00hossain@gmail.com Dob: 09/09/2000 Gender: Male Password: Salman123 Repeatpassword: Salman123	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 create post:

Project Name: Blog Management System		Test Designed by: MD Salman Hossain		
Test Case ID: FR_4		Test Designed date: 24/08/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Mst Munjuma Akter		
Module Name: Create Post Session		Test Execution date: 25/08/2023		
Test Title: Create post with title and details				
Description: Test website create post 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. Click Create Post. 3. Enter Title. 4. Enter Details. 5. Click submit	Title: What is Testing?  Details: Testing is a process of evaluating a software.	User should create a post into the application	As expected,	Pass
Post Condition: User is validated with database and successfully create a post.				

Test case for update profile:

Project Name: Blog Management System		Test Designed by: MD Salman Hossain		
Test Case ID: FR_3		Test Designed date: 24/08/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Mst Munjuma Akter		
Module Name: Profile Update Session		Test Execution date: 25/04/2023		
Test Title: Update user profile with valid username, email, date of birth, and gender.				
Description: Test website Profile Update 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. Click Update button. 3. Enter name. 4. Enter email. 5. Enter date of birth 6. Enter gender. 7. Click submit	Name: Ridowan  Email: ridowan@gmail.com  Dob: 01-02-2003  Gender: Male	User 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 post:

Project Name: Blog Management System		Test Designed by: Nouroj Amin		
Test Case ID: FR_5		Test Designed date: 24/08/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Nouroj Amin		
Module Name: Update Post Session		Test Execution date: 25/08/2023		
Test Title: Update post with title and details				
Description: Test website update post 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. Click Update Post. 3. Enter updated Title. 4. Enter updated Details. 5. Click submit	Title: What is Testing?  Details: Testing is a process of evaluating a software.	User should update a post into the application	As expected,	Pass
Post Condition: User is validated with database and successfully update a post.				

### Test script for User Login:

```
package com.company;

import org.openqa.selenium.By;
import org.openqa.selenium.Point;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class UserLogin {

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

        // System Property for Chrome Driver

        System.setProperty("webdriver.chrome.driver", "D:\\SQT\\chromedriver-win64\\chromedriver-win64\\chromedriver.exe");

        // Instantiate a ChromeDriver class.
        WebDriver driver=new ChromeDriver();

        // Launch Website
        driver.navigate().to("http://localhost/Blogging/view/home.php");

        //Maximize the browser
        driver.manage().window().setPosition(new Point(200, 400));
        //driver.manage().window().setPosition(new Point(600, 500));
        Thread.sleep(4000);

        driver.get("http://localhost/Blogging/View/login.php");
        driver.findElement(By.id("form3Example3")).sendKeys("Manjuma Mim");
        driver.findElement(By.id("form3Example4")).sendKeys("Manjuma12345");
```

```

driver.findElement(By.className("btn")).click();

driver.findElement(By.className("btn-outline-dark")).click();

driver.findElement(By.id("form3Example1c")).sendKeys("Test1");;

driver.findElement(By.className("btn")).click();

Thread.sleep(4000);

driver.quit();
}

```

```

}

```

### **Test script for User Registration:**

```

package com.company;

```

```

import org.openqa.selenium.By;

```

```

import org.openqa.selenium.WebDriver;

```

```

import org.openqa.selenium.chrome.ChromeDriver;

```

```

public class UserRegistration {

```

```

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

```

```

        // System Property for Chrome Driver

```

```

        System.setProperty("webdriver.chrome.driver", "D:\\SQT\\chromedriver-win64\\chromedriver-
win64\\chromedriver.exe");

```

```

        // Instantiate a ChromeDriver class.

```

```

        WebDriver driver=new ChromeDriver();

```

```

        // Launch Website

```

```

        driver.navigate().to("http://localhost/Blogging/view/home.php");

```



```

//Maximize the browser
driver.manage().window().maximize();

driver.get("http://localhost/Blogging/View/register.php");
driver.findElement(By.id("name")).sendKeys("Salman Hossain");
driver.findElement(By.id("email")).sendKeys("salman00hossain@gmail.com");
driver.findElement(By.id("dob")).sendKeys("09/09/2000");
//driver.findElement(By.name("gender")).sendKeys("male");
driver.findElement(By.id("password")).sendKeys("Salman123");
driver.findElement(By.id("cnfrmPass")).sendKeys("Salman123");

driver.findElement(By.className("btn")).click();

Thread.sleep(4000);
driver.quit();
}

}

```

### **Test script for Update Profile:**

```

package com.company;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class UpdateProfile {

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

```

```

// System Property for Chrome Driver
System.setProperty("webdriver.chrome.driver", "D:\\Aiub 7\\SQT\\Fina;\\chromedriver.exe");

// Instantiate a ChromeDriver class.
WebDriver driver=new ChromeDriver();
//Maximize the browser
driver.manage().window().maximize();

driver.get("http://localhost/Blogging/View/login.php");
driver.findElement(By.id("form3Example3")).sendKeys("Ridowan Sajid");;
driver.findElement(By.id("form3Example4")).sendKeys("Ridowan12345");;

driver.findElement(By.className("btn")).click();
driver.get("http://localhost/Blogging/View/updateprofile.php");
driver.findElement(By.name("name")).clear();
driver.findElement(By.name("name")).sendKeys("Ridowan Sajid12");
driver.findElement(By.name("email")).clear();
driver.findElement(By.name("email")).sendKeys("sajid@gmail.co");
// driver.findElement(By.name("dob")).sendKeys("03/03/2000");
// driver.findElement(By.name("gender")).sendKeys("male");

driver.findElement(By.className("btn")).click();
Thread.sleep(4000);
driver.quit();

}

}

```

### Test script for Create Post:

```

package com.company;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

```

[illegible]

```
}
```

### **Test script for Update Post:**

```
package com.company;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

```
import org.openqa.selenium.interactions.Actions;
```

```
public class UpdatePost {
```

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

```
        // System Property for Chrome Driver
```

```
        System.setProperty("webdriver.chrome.driver", "D:\\SQT\\chromedriver-win64\\chromedriver-win64\\chromedriver.exe");
```

```
        // Instantiate a ChromeDriver class.
```

```
        WebDriver driver=new ChromeDriver();
```

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

```
        driver.get("http://localhost/Blogging/Admin/AdminLogin.php");
```

```
        driver.findElement(By.id("form3Example3")).sendKeys("Admin");;
```

```
        driver.findElement(By.id("form3Example4")).sendKeys("Admin12345");;
```

```
        driver.findElement(By.className("btn")).click();
```

```
driver.get("http://localhost/Blogging/Admin/AdminControlPost.php");
driver.findElement(By.name("update")).click();
driver.findElement(By.name("title")).clear();
driver.findElement(By.name("title")).sendKeys("For Testing Purpose ");
driver.findElement(By.name("details")).clear();
driver.findElement(By.name("details")).sendKeys("Java is a programming language that i Hated most
");
//Thread.sleep(300);
driver.findElement(By.className("btn-lg")).click();

Thread.sleep(4000);
driver.quit();

}

}
```