



American International

University-Bangladesh (AIUB)

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

Section: G  
Software Quality Assurance and Testing

### Blog Management System

A Report submitted  
By

SN	Student Name	Student ID
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4		

Under the supervision of

FARZANA BINTE ALAM  
Faculty Designation

Lecturer

Test case for Login:

Project Name: Blog Management System		Test Designed by: Tanjib Rubyat Bristy		
Test Case ID: FR_1		Test Designed date: 22/04/2023		
Test Priority (Low, Medium, High): High		Test Executed by: Tanjib Rubyat Bristy		
Module Name: Login Session		Test Execution date: 23/04/2023		
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: Tanjib  Password: Tanjib12345	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: Ridowan UI Alam		
Test Case ID: FR_2		Test Designed date: 23/04/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Muvir Mohammad		
Module Name: Registration Session		Test Execution date: 23/04/2023		
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: Ridowan Email: ridowan@gmail.com Dob: 01-02-2004 Gender: Male Password: Ridowan12345 Repeat password: Ridowan12345	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: Ridowan UI Alam		
Test Case ID: FR_4		Test Designed date: 24/04/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Tanjib Rubyat Bristy		
Module Name: Create Post Session		Test Execution date: 25/04/2023		
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: Muvir Mohammad		
Test Case ID: FR_3		Test Designed date: 24/04/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Ridowan Ul Alam		
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: Tanjib Rubyat Bristy		
Test Case ID: FR_5		Test Designed date: 24/04/2028		
Test Priority (Low, Medium, High): Medium		Test Executed by: Muvín Mohammad		
Module Name: Update Post Session		Test Execution date: 25/04/2023		
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.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:\\Aiub 7\\SQT\\Fina;\\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/login.php");
        driver.findElement(By.id("form3Example3")).sendKeys("Tanjib Bristy");
        driver.findElement(By.id("form3Example4")).sendKeys("Tanjib12345");

        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:\\Aiub 7\\SQT\\Fina;\\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("Muvin Mohammad");
    driver.findElement(By.id("email")).sendKeys("muvin@gmail.com");
    driver.findElement(By.id("dob")).sendKeys("03/03/2000");
    driver.findElement(By.id("male")).sendKeys("male");
    driver.findElement(By.id("password")).sendKeys("Muvin12345");
    driver.findElement(By.id("cnfrmPass")).sendKeys("Muvin12345");

    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;

public class CreatePost {

    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("Tanjib Bristy");;
driver.findElement(By.id("form3Example4")).sendKeys("Tanjib12345");;

driver.findElement(By.className("btn")).click();
driver.get("http://localhost/Blogging/View/createpost.php");
driver.findElement(By.name("title")).sendKeys("What is Football?");
driver.findElement(By.name("details")).sendKeys("Football is the most popular game in the world.");
driver.findElement(By.className("btn")).click();
Thread.sleep(4000);
driver.quit();

}

}

```

### 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:\\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/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("What is Ja?");

//    driver.findElement(By.name("details")).clear();
//    driver.findElement(By.name("details")).sendKeys("Java is a programming language");
Thread.sleep(300);
driver.findElement(By.className("btn")).click();

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

}

}
```