



FINAL TERM ASSIGNMENT

**COURSE: SOFTWARE QUALITY AND
TESTING**

SECTION: A

Submitted By,

Name	ID
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Date of Submission: 28th March, 2023

Part-I: Installation Process of Selenium Webdriver for Web Application Automation Testing.

Installation process and Setup

Part-II: Test a Web Application Module Using Selenium Webdriver

Select a Web Application Module Which Will be Tested

Prepare a Test Case

Write Required Code

Run and Observe the Outcomes

Part-I

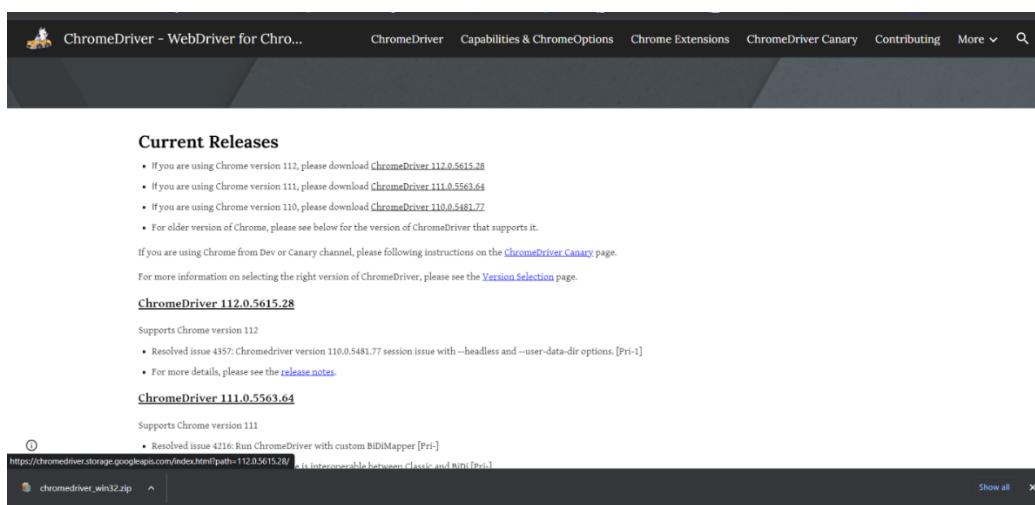
Install Java: First, you need to have Java installed on your computer. We download the latest version of Java from the official website at <https://www.oracle.com/java/technologies/downloads/>.

Install an Integrated Development Environment (IDE): An IDE is a software application that provides a comprehensive environment to write, debug and run code. We use popular IDEs like NetBeans for writing Selenium code.

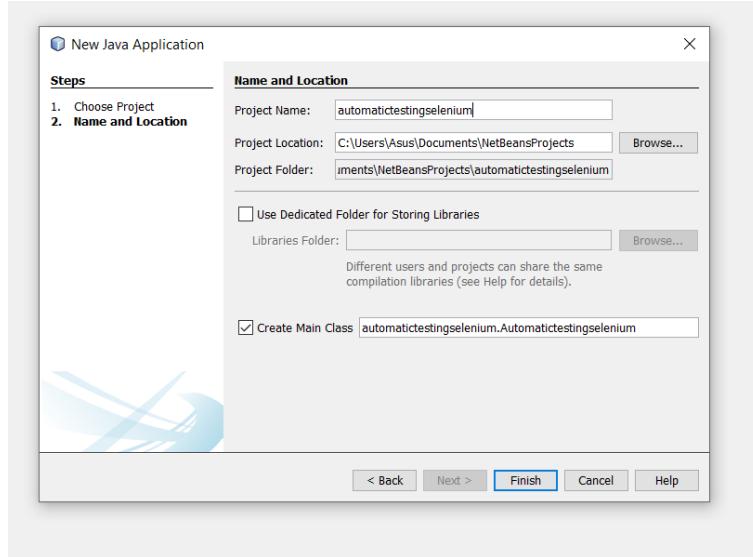
Set up the Selenium WebDriver: The Selenium WebDriver is a tool that allows you to interact with web browsers through code. We download the latest version of the WebDriver from the official website at <https://www.selenium.dev/downloads/>.



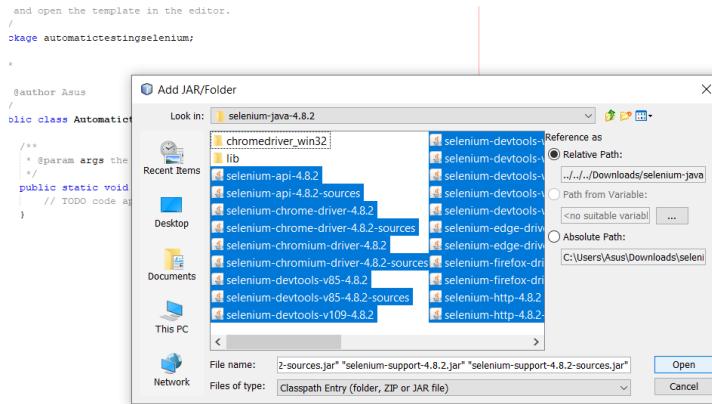
Download Chromedriver: Chromedriver is a tool that allows Selenium to interact with the Chrome browser. We download it from the official website at <https://chromedriver.chromium.org/downloads>



Create a new project: We Open IDE and create a new Java project. Give it the name of Our Project is automatictesting.selenium



Add Selenium libraries: Add the Selenium libraries to Our project by downloading the latest version from the official website and importing them into Our project.

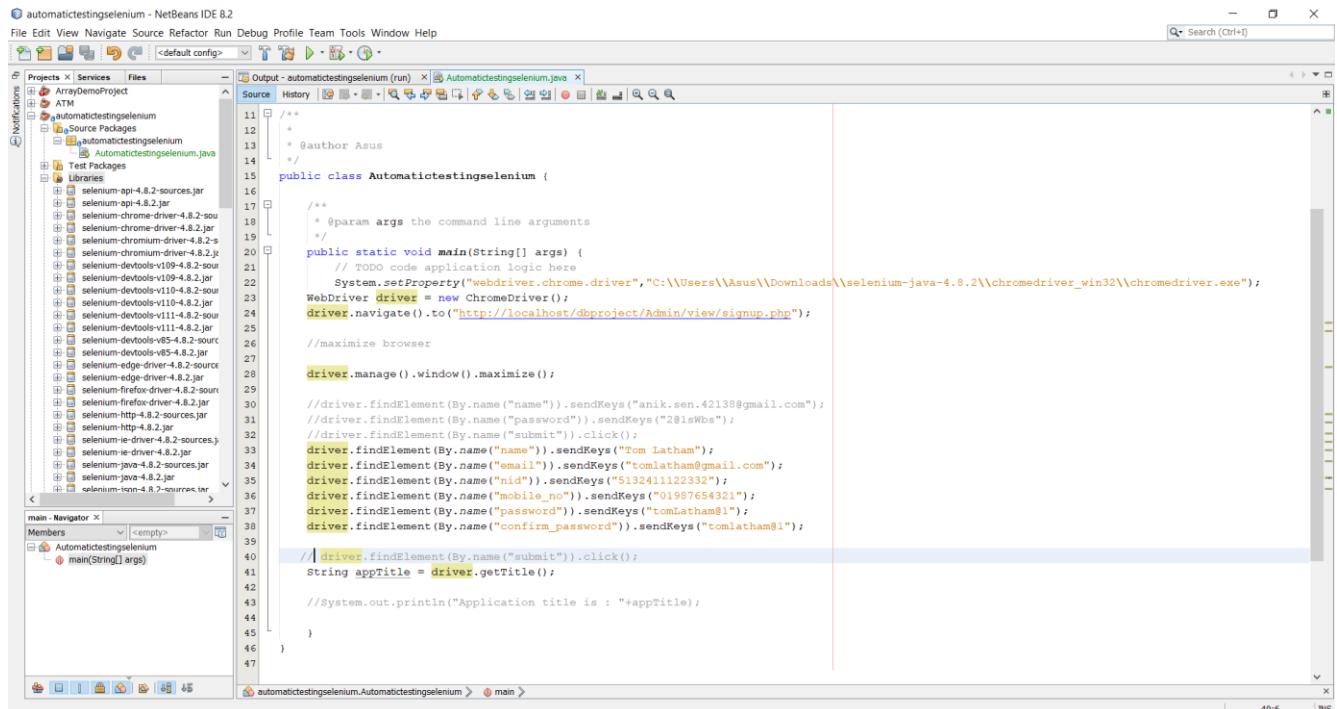


Add Chromedriver to your project: Add the Chromedriver executable to Our project's classpath. We do this by right-clicking on the project in Our IDE, selecting Build Path > Configure Build Path, and then adding the Chromedriver executable to the project's classpath.s

Run the test: Run the test by right-clicking on the Java file and selecting Run As > Java Application. This should open the Chrome browser and navigate to the Google homepage.

Part-II

Project Name: Tour guide BD		Test Designed by:		
Test Case ID: #1		Test Designed date: 24 th March, 2023		
Test Priority: High		Test Executed by: Anik Sen		
Module Name: Sign Up		Test Execution date: 27 th March, 2023		
Test Title: Sign up with valid user name, email, phone number, NID, password.				
Description: Test the website sign up page				
Preconditions: User has valid user name, email, phone number, NID, password.				
Dependencies: N/A				
Test Steps	Test Data	Expected Results	Actual Results	Status
1) Go for sign up 2) Enter user name 3) Enter email 4) Enter phone number 5) Enter NID 6) Enter password 7) Click submit	Username : Tom Latham Email : tomlatham@gmail.com NID : 5132411122332 Phone no. :01987654321 Password : tomLatham@1	User should sign up successfully.	As expected	Pass
Post Condition: user is validated with the database and successfully sign up to account.				



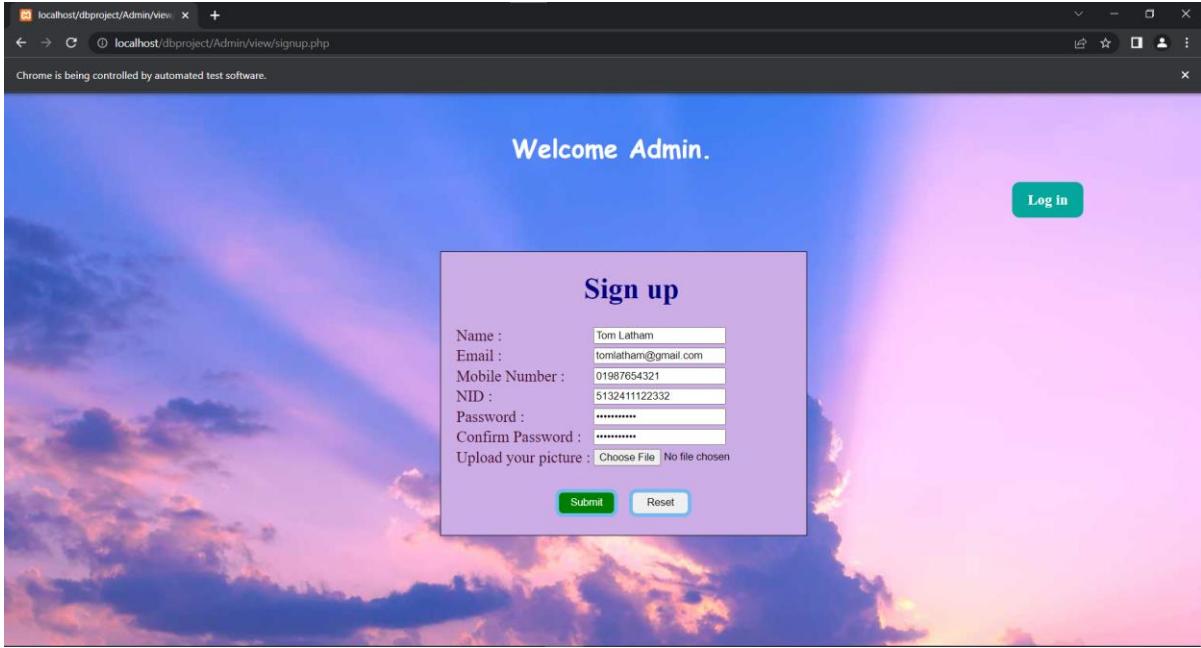
The screenshot shows the NetBeans IDE interface with the following details:

- Title Bar:** automatictestingsele - NetBeans IDE 8.2
- Toolbar:** File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
- Project Explorer:** Shows a project named "Automatictestingsele" containing "Source Packages" and "Libraries". The "Libraries" section lists several Selenium JAR files: selenium-api-4.8.2-sources.jar, selenium-api-4.8.2.jar, selenium-chrome-driver-4.8.2-sources.jar, selenium-chrome-driver-4.8.2.jar, selenium-devtools-v109-4.8.2-source.jar, selenium-devtools-v110-4.8.2-source.jar, selenium-devtools-v110-4.8.2.jar, selenium-devtools-v111-4.8.2-source.jar, selenium-devtools-v111-4.8.2.jar, selenium-devtools-v111-4.8.2-sources.jar, selenium-edge-driver-4.8.2-source.jar, selenium-edge-driver-4.8.2.jar, selenium-firefox-driver-4.8.2-source.jar, selenium-firefox-driver-4.8.2.jar, selenium-http-4.8.2-sources.jar, selenium-http-4.8.2.jar, selenium-ie-driver-4.8.2-sources.jar, selenium-ie-driver-4.8.2.jar, selenium-java-4.8.2-sources.jar, and selenium-javascript-4.8.2-sources.jar.
- Code Editor:** The main editor window displays Java code for a Selenium test class named "Automatictestingsele". The code includes imports for Selenium WebDriver and WebElement, and defines a main method that sets the chromedriver path, creates a ChromeDriver instance, navigates to a local signup URL, sends keys to input fields for name, email, NID, phone, and password, and then prints the application title.
- Output Window:** Shows the output of the run command, indicating success with "BUILD SUCCESSFUL" and a green checkmark icon.
- Bottom Status Bar:** Shows the status bar with "40:6" and "INS".

```

 11 /**
 12  * 
 13  * Gauthor Asus
 14  */
 15 public class Automatictestingsele {
 16 
 17     /**
 18      * @param args the command line arguments
 19      */
 20     public static void main(String[] args) {
 21         // TODO code application logic here
 22         System.setProperty("webdriver.chrome.driver","C:\\Users\\Asus\\Downloads\\selenium-java-4.8.2\\chromedriver_win32\\chromedriver.exe");
 23         WebDriver driver = new ChromeDriver();
 24         driver.navigate().to("http://localhost/dbproject/Admin/view/signup.php");
 25 
 26         //maximize browser
 27 
 28         driver.manage().window().maximize();
 29 
 30         //driver.findElement(By.name("name")).sendKeys("anik.sen.42138@gmail.com");
 31         //driver.findElement(By.name("password")).sendKeys("28lsWbs");
 32         //driver.findElement(By.name("submit")).click();
 33         driver.findElement(By.name("name")).sendKeys("Tom Latham");
 34         driver.findElement(By.name("email")).sendKeys("tomlatham@gmail.com");
 35         driver.findElement(By.name("nid")).sendKeys("5132411122332");
 36         driver.findElement(By.name("mobile_no")).sendKeys("01987654321");
 37         driver.findElement(By.name("password")).sendKeys("tomLatham@1");
 38         driver.findElement(By.name("confirm_password")).sendKeys("tomlatham@1");
 39 
 40         //| driver.findElement(By.name("submit")).click();
 41         String appTitle = driver.getTitle();
 42 
 43         //System.out.println("Application title is : "+appTitle);
 44 
 45     }
 46 }
 47

```



automatictesting selenium - NetBeans IDE 8.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Output - automatictesting selenium (run) | Automatictesting selenium.java

```

    /**
     * @author Asus
     */
    public class Automatictesting selenium {
        /**
         * @param args the command line arguments
         */
        public static void main(String[] args) {
            // TODO code application logic here
            System.setProperty("webdriver.chrome.driver","C:\\Users\\Asus\\Downloads\\selenium-java-4.0.2\\chromedriver_win32\\chromedriver.exe");
            WebDriver driver = new ChromeDriver();
            driver.navigate().to("http://localhost/dbproject/Admin/view/signup.php");

            //maximize browser

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

            driver.findElement(By.name("name")).sendKeys("ank.sen.4213@gmail.com");
            driver.findElement(By.name("password")).sendKeys("2@lsWbs");
            driver.findElement(By.name("submit")).click();

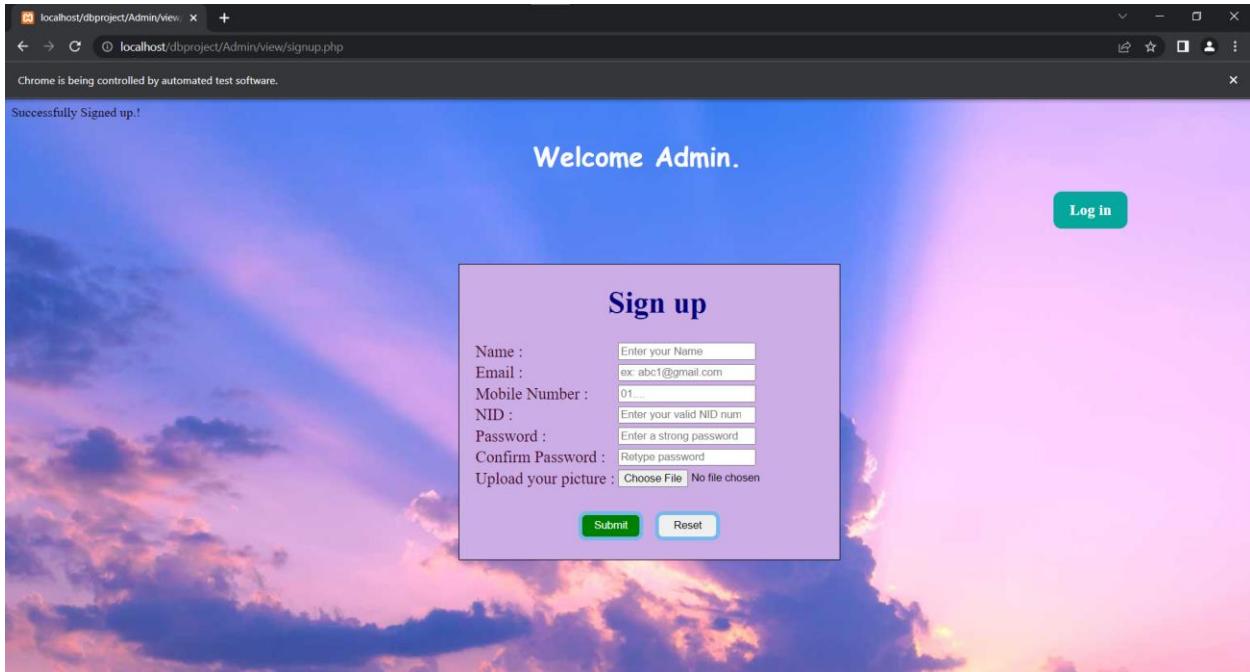
            driver.findElement(By.name("name")).sendKeys("Tom Latham");
            driver.findElement(By.name("email")).sendKeys("tomlatham@gmail.com");
            driver.findElement(By.name("nid")).sendKeys("5132411122332");
            driver.findElement(By.name("mobile_no")).sendKeys("01987654321");
            driver.findElement(By.name("password")).sendKeys("tomLatham@1");
            driver.findElement(By.name("confirm_password")).sendKeys("tomLatham@1");

            driver.findElement(By.name("submit")).click();
            String appTitle = driver.getTitle();

            //System.out.println("Application title is : "+appTitle);
        }
    }

```

automatictesting selenium.Automatictesting selenium > main >



Project Name: Tour guide BD	Test Designed by:			
Test Case ID: #2	Test Designed date: 24 th March, 2023			
Test Priority: High	Test Executed by: Anik Sen			
Module Name: Log In	Test Execution date: 27 th March, 2023			
Test Title: Verify log in with valid user name and password				
Description: Test the website login page				
Preconditions: User has valid user name and password				
Dependencies: N/A				
Test Steps	Test Data	Expected Results	Actual Results	Status
i. Go for log in ii. Enter user name iii. Enter password iv. Click log in	Username : anik.sen.42138@gmail.com Password : 2@1sWbs	User should log in into the application	As expected	Pass
Post Condition: user is validated with the database and successfully log in to account. The account session details are logged in the database.				

automatictestingselenium - NetBeans IDE 8.2

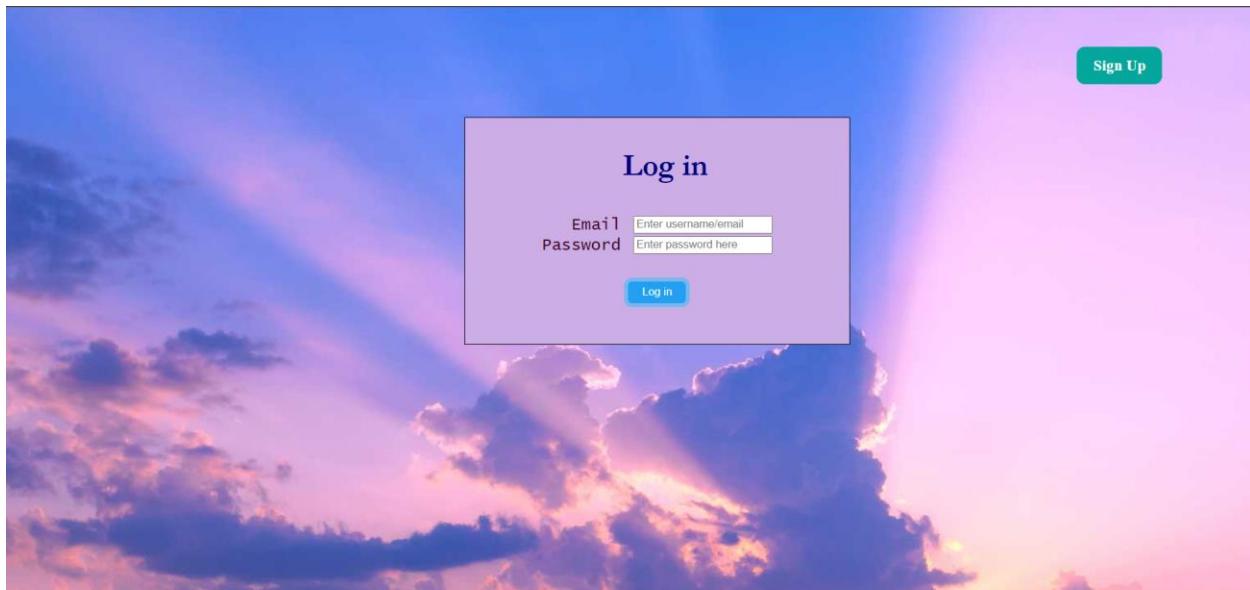
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

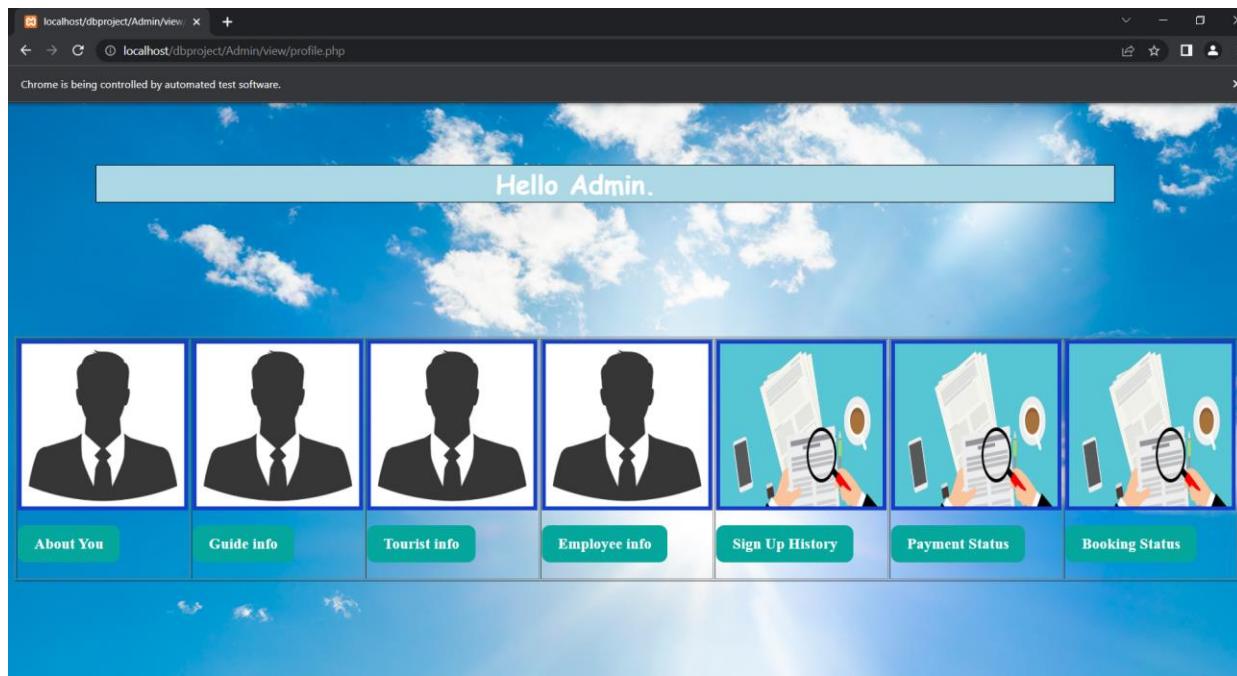
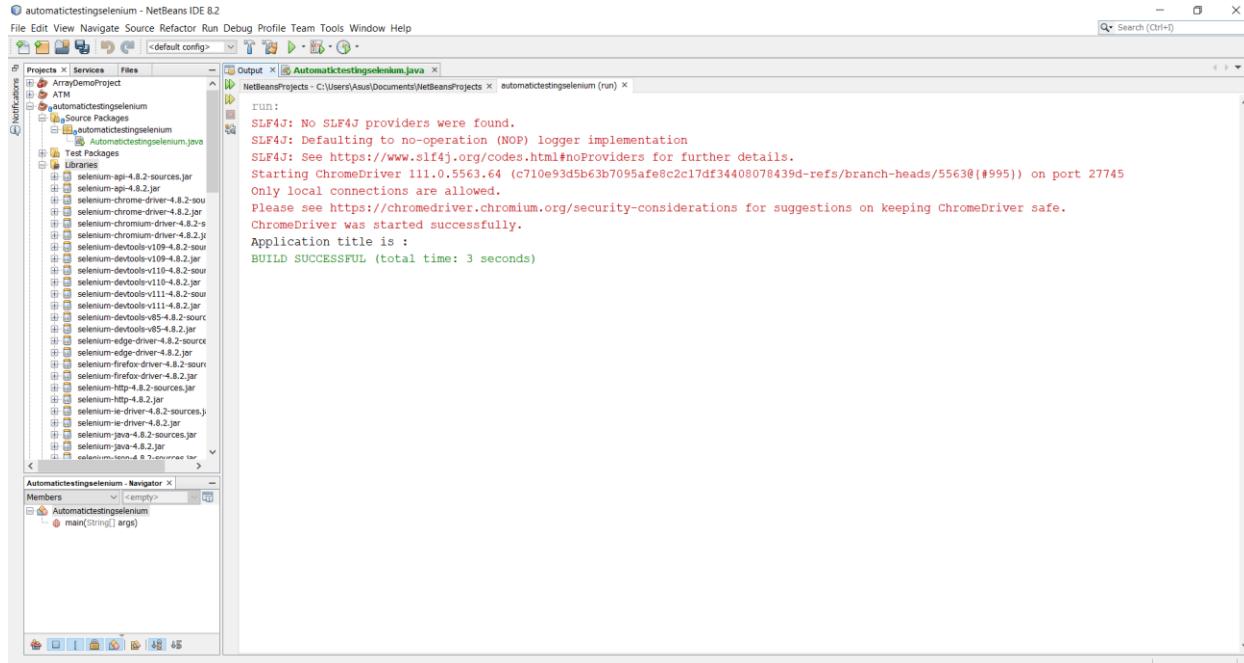
Projects Services Files Output automatictestingselenium.java

```

3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6 package automatictestingselenium;
7 import org.openqa.selenium.*;
8 import org.openqa.selenium.WebDriver;
9 import org.openqa.selenium.chrome.ChromeDriver;
10
11 /**
12  * @param args the command line arguments
13  * @author Asus
14 */
15 public class Automatictestingselenium {
16
17 /**
18  * @param args the command line arguments
19  */
20 public static void main(String[] args) {
21     // TODO code application logic here
22     System.setProperty("webdriver.chrome.driver","C:\\Users\\Asus\\Downloads\\selenium-java-4.8.2\\chromedriver_win32\\chromedriver.exe");
23     WebDriver driver = new ChromeDriver();
24     driver.navigate().to("http://localhost/dbproject/Admin/View/login.php");
25
26     //maximize browser
27
28     driver.manage().window().maximize();
29
30     driver.findElement(By.name("name")).sendKeys("anik.sen.42138@gmail.com");
31     driver.findElement(By.name("password")).sendKeys("20lsWbs");
32     driver.findElement(By.name("submit")).click();
33     String appTitle = driver.getTitle();
34     System.out.println("Application title is : "+appTitle);
35
36 }
37 }
```

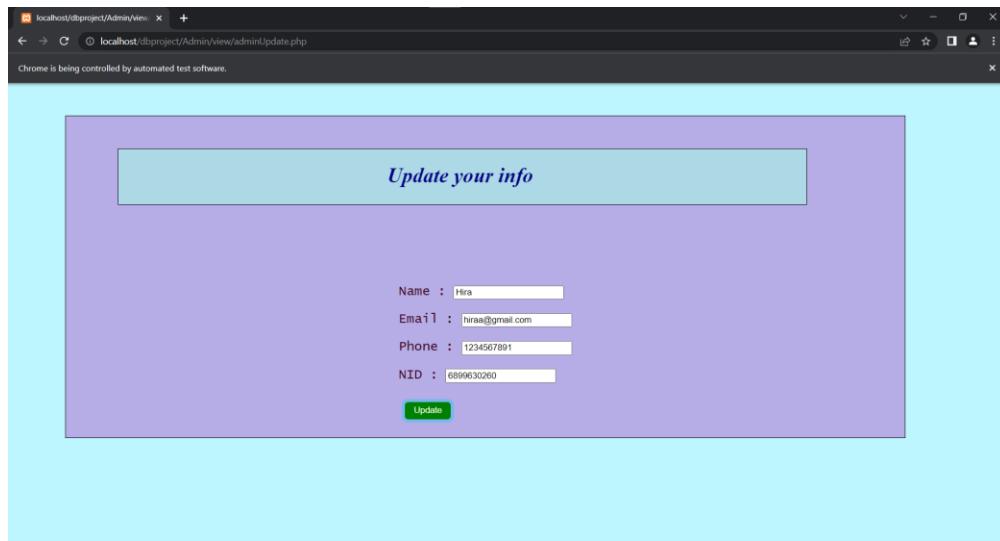
automatictestingselenium.Automatictestingselenium > main >





Project Name: Tour guide BD	Test Designed by:
Test Case ID: #3	Test Designed date: 24 th March, 2023
Test Priority: High	Test Executed by: Anik Sen
Module Name: Update Info	Test Execution date: 27 th March, 2023

Test Title: Update user info				
Description: Test the website update admin info page				
Preconditions: User has valid data				
Dependencies: N/A				
Test Steps	Test Data	Expected Results	Actual Results	Status
i. Go for update ii. Enter update name iii. Enter update email iv. Enter update NID v. Enter update phone vi. Click submit	Name : Hira Email : hiraa@gmail.com NID : 6899630260 Phone : 1234567891	User should update his information	As expected	Pass
Post Condition: user is validated with the database and successfully update.				



Project Name: Tour guide BD

Test Case ID: #4

Test Priority: Medium

Module Name: Admins data

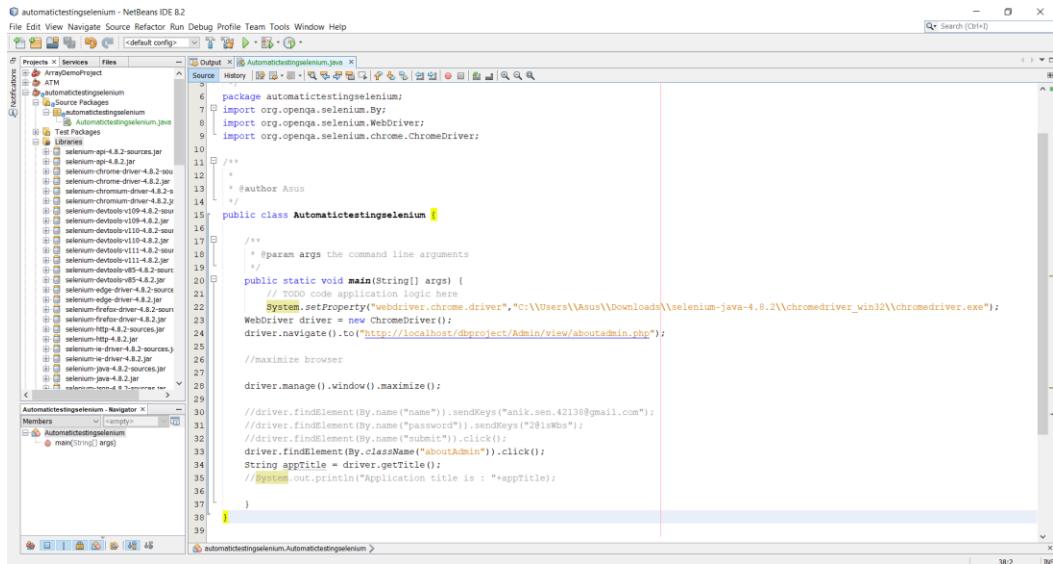
Test Title: See the admins data

Description: Test the existing of all admins data

Preconditions: Database should consist all admins info
Dependencies: N/A

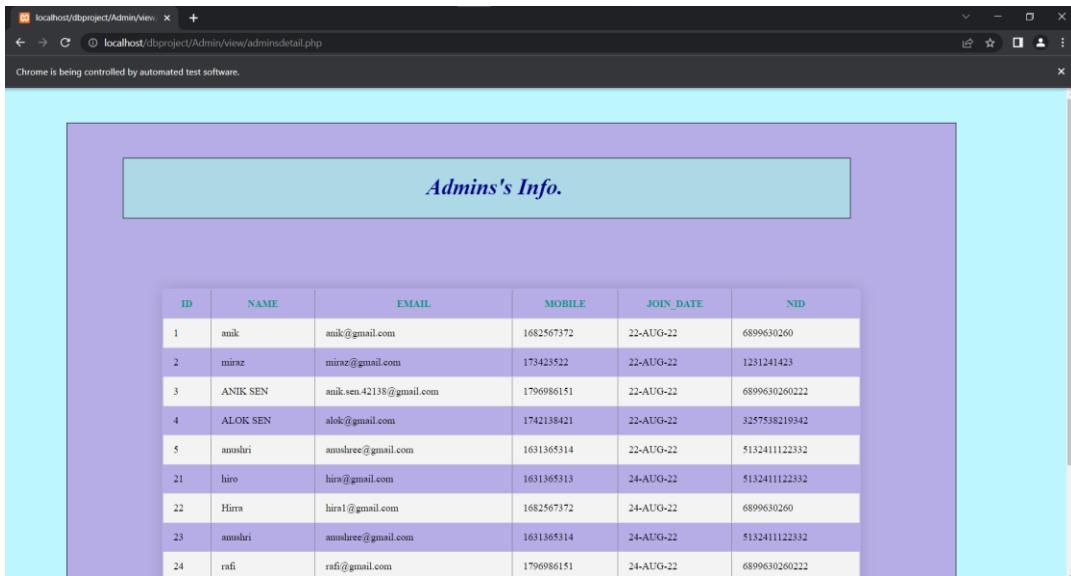
Test Steps	Test Data	Expected Results	
i. Go for check general info ii. Click to check	N/A	Fetch all data and make it visible	
Post Condition: N/A			





The screenshot shows the NetBeans IDE interface with the following details:

- Title Bar:** automatictestingselenium - NetBeans IDE 8.2
- Toolbar:** File Edit View Navigate Source Refactor Run Debug Profile Team Window Help
- Project Explorer:** Shows the project structure with 'ArrayDemoProject' and 'AutomaticTestingSelenium' selected.
- Source Editor:** Displays the Java code for 'AutomaticTestingSelenium.java'. The code imports org.openqa.selenium.WebDriver and org.openqa.selenium.chrome.ChromeDriver, and defines a main method that sets the chromedriver path to "C:\Users\Asus\Downloads\selenium-java-4.8.2\chromedriver_win32\chromedriver.exe" and navigates to "http://localhost/dbproject/Admin/view/aboutadmin.php". It also includes logic to send keys to input fields and click submit buttons.
- Output:** Shows the build log with no errors or warnings.
- Properties:** Shows file properties for 'AutomaticTestingSelenium.java'.
- Navigator:** Shows the class members: 'AutomaticTestingSelenium' and 'main(String[] args)'.
- Toolbars:** Standard NetBeans toolbars for file operations.



Project Name: Tour guide BD

Test Designed by:

Test Case ID: #5

Test Designed date: 24th March, 2023

Test Priority: Medium

Test Executed by: Anik Sen

Module Name: Tourist data

Test Execution date: 27th March, 2023

Test Title: See the tourist data

Description: Test the existing of all tourist data

Preconditions: Database should consist all tourist info

Dependencies: N/A

Actual Results

Status

Test Steps

Test Data

Expected Results

i. Go for check general info ii. Click to check	N/A	Fetch all data and make it visible	As expected	Pass
----------------------------------------------------	-----	------------------------------------	-------------	------

Post Condition: N/A

```

    /*
     * To change this license header, choose License Headers in Project Properties.
     * To change this template file, choose Tools | Templates
     * and open the template in the editor.
     */
    package automatictestingselelum;
    import org.openqa.selenium.By;
    import org.openqa.selenium.WebDriver;
    import org.openqa.selenium.chrome.ChromeDriver;
    public class Automatictestingselelum {
        /**
         * @param args the command line arguments
         */
        public static void main(String[] args) {
            // TODO code application logic here
            System.setProperty("webdriver.chrome.driver","C:\\Users\\Asus\\Downloads\\selenium-java-4.0.2\\chromedriver_win32\\chromedriver.exe");
            WebDriver driver = new ChromeDriver();
            driver.navigate().to("http://localhost/dbproject/Admin/view/profile.php");
            //maximize browser
            driver.manage().window().maximize();

            driver.findElement(By.name("name")).sendKeys("anik.sen.4213@gmail.com");
            driver.findElement(By.name("password")).sendKeys("2@lsWbs");
            driver.findElement(By.name("submit")).click();
            driver.findElement(By.className("touristInfo")).click();
            String appTitle = driver.getTitle();
            //System.out.println("Application title is : "+appTitle);
        }
    }

```

ID	NAME	EMAIL	AGE	GENDER	NID
1	sohan	sohan@gmail.com	22	male	123456789123
2	tamim	tamim@gmail.com	32	male	412313412312
3	afif	afif@gmail.com	22	male	414135123412
4	sounya	sounya@gmail.com	27	male	345678912323
5	sakib	sakib@gmail.com	34	male	623523643322

Last tourist -

First tourist -

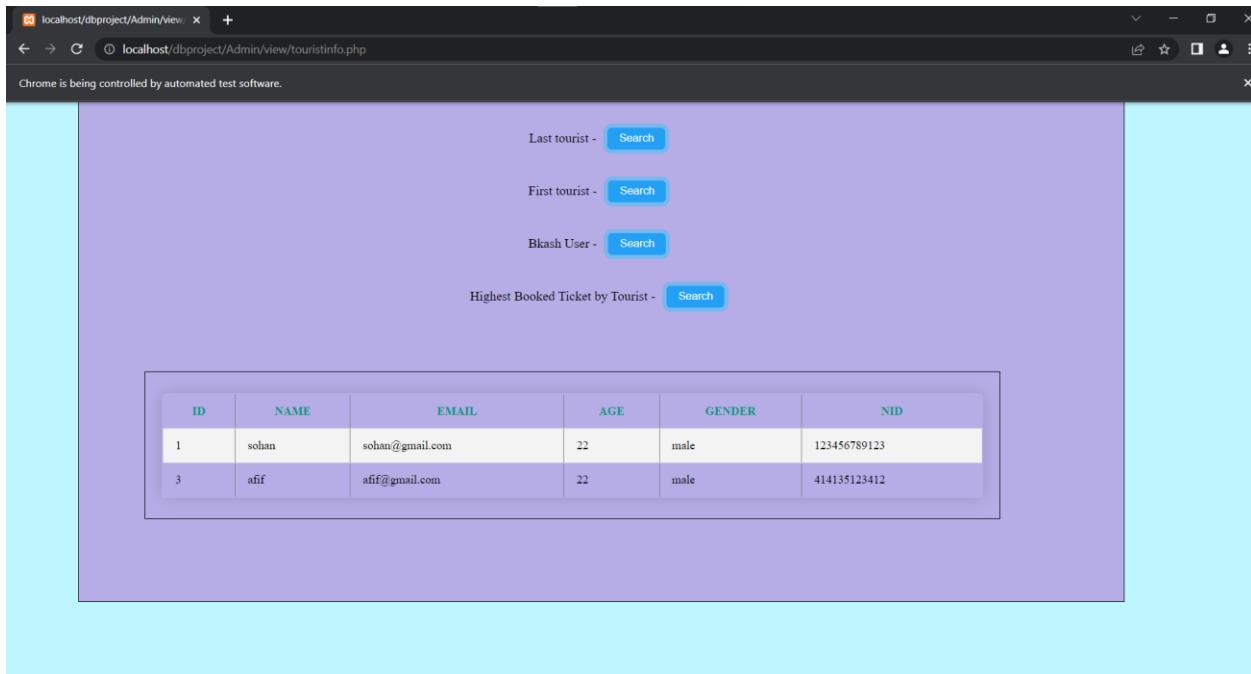
Project Name: Tour guide BD	Test Designed by:			
Test Case ID: #6	Test Designed date: 24 th March, 2023			
Test Priority: Medium	Test Executed by: Fahim Alam			
Module Name: Check info	Test Execution date: 27 th March, 2023			
Test Title: See the Bkash user info				
Description: Test the Bkash user info				
Preconditions: Database should consist all Bkash user info				
Dependencies: N/A				
Test Steps	Test Data	Expected Results	Actual Results	Status
i. Go for check general info ii. Click search option on Bkash user	N/A	Fetch all data and make it visible	As expected	Pass
Post Condition: N/A				

The screenshot shows the NetBeans IDE interface with the following details:

- Title Bar:** automatictestingselenium - NetBeans IDE 8.2
- Menu Bar:** File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
- Toolbar:** Standard NetBeans toolbar with icons for file operations.
- Project Explorer (Projects tab):** Shows the project structure with "ArrayDemoProject" as the main project and "ATM" as a sub-module.
- Output Window (Output tab):** Displays the Java code for "Automatictestingselenium.java".
- Code Editor (Automatictestingselenium.java):** The code is a simple Selenium test script using ChromeDriver to navigate to a local host URL and interact with a form.

```
1 package automatictestingselenium;
2 import org.openqa.selenium.By;
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.chrome.ChromeDriver;
5
6 /**
7  * To change this template file, choose Tools | Templates
8  * and open the template in the editor.
9  */
10 public class Automatictestingselenium {
11
12     /**
13      * @param args the command line arguments
14     */
15     public static void main(String[] args) {
16         // TODO code application logic here
17         System.setProperty("webdriver.chrome.driver","C:\\Users\\Asus\\Downloads\\selenium-java-4.8.2\\chromedriver_win32\\chromedriver.exe");
18         WebDriver driver = new ChromeDriver();
19         driver.navigate().to("http://localhost/dbproject/Admin/view/touristinfo.php");
20
21         //maximize browser
22
23         driver.manage().window().maximize();
24
25         //driver.findElement(By.name("name")).sendKeys("anik.sen.4213@gmail.com");
26         //driver.findElement(By.name("password")).sendKeys("201aWbs");
27         //driver.findElement(By.name("submit")).click();
28         driver.findElement(By.className("bcahashUser")).click();
29         String appTitle = driver.getTitle();
30
31         //System.out.println("Application title is : "+appTitle);
32
33     }
34 }
35
36
37
38
39
40 }
```

- Navigator (Navigator tab):** Shows the members of the "Automatictestingselenium" class, including the main method.
- Members (Members tab):** Shows the members of the "Automatictestingselenium" class, including the main method.

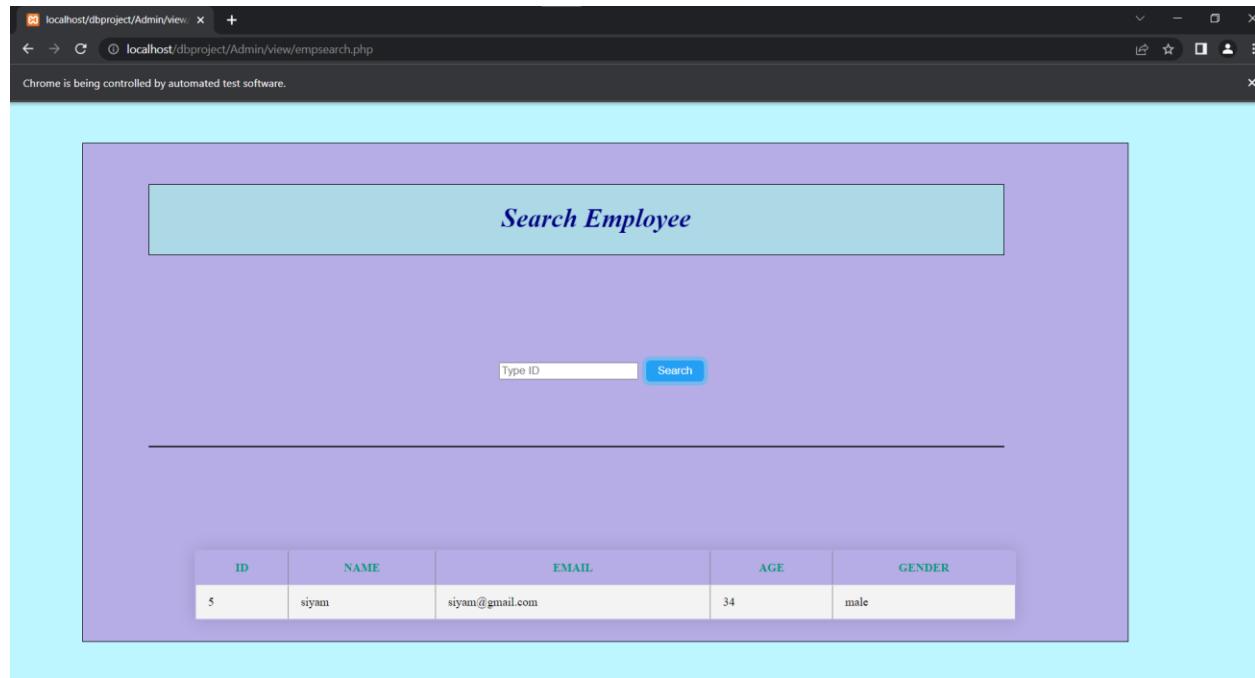


Project Name: Tour guide BD	Test Designed by:			
Test Case ID: #7	Test Designed date: 24 th March, 2023			
Test Priority: Medium	Test Executed by: Fahim Alam			
Module Name: Check info	Test Execution date: 27 th March, 2023			
Test Title: Search specific user info				
Description: Test searching of specific user info				
Preconditions: Database should consist all user info				
Dependencies: N/A				
Test Steps	Test Data	Expected Results	Actual Results	Status
i. Go for check general info ii. Type user id iii. Click on search option	ID : 5	Fetch the data and make it visible	As expected	Pass
Post Condition: N/A				

```

1  * To change this template file, choose Tools | Templates.
2  * and open the template in the editor.
3
4  package automatictestingselelum;
5
6  import org.openqa.selenium.By;
7  import org.openqa.selenium.WebDriver;
8  import org.openqa.selenium.chrome.ChromeDriver;
9
10
11 /**
12  * @param args the command line arguments
13  */
14 public class Automatictestingselelum {
15
16
17 /**
18  * @param args the command line arguments
19  */
20 public static void main(String[] args) {
21     // TODO code application logic here
22     System.setProperty("webdriver.chrome.driver","C:\\Users\\Asus\\Downloads\\selenium-java-4.8.2\\chromedriver_win32\\chromedriver.exe");
23     WebDriver driver = new ChromeDriver();
24     driver.navigate().to("http://localhost/dbproject/Admin/view/empsearch.php");
25
26     //maximize browser
27
28     driver.manage().window().maximize();
29
30     //driver.findElement(By.name("name")).sendKeys("anik.sen.4213@gmail.com");
31     //driver.findElement(By.name("password")).sendKeys("281sRhe");
32     //driver.findElement(By.name("submit")).click();
33     driver.findElement(By.name("id")).sendKeys("5");
34     driver.findElement(By.className("searchEmp")).click();
35     String appTitle = driver.getTitle();
36
37     //System.out.println("Application title is : "+appTitle);
38 }
39
40 }

```



Project Name: Tour guide BD	Test Designed by:			
Test Case ID: #8	Test Designed date: 24 th March, 2023			
Test Priority: High	Test Executed by: Fahim Alam			
Module Name: Update Salary	Test Execution date: 27 th March, 2023			
Test Title: Update of employee salary				
Description: Test the update segment of employee salary				
Preconditions: N/A				
Dependencies: N/A				
Test Steps	Test Data	Expected Results	Actual Results	Status

i.	Go for update	Grade : 1	Admin should update employee salary	As expected	Pass
ii.	Enter employee grade	Salary : 5500			
iii.	Enter updated salary				
iv.	Click submit				

Post Condition: N/A

```

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

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        // TODO code application logic here
        System.setProperty("webdriver.chrome.driver","C:\\Users\\Asus\\Downloads\\selenium-java-4.8.2\\chromedriver_win32\\chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.navigate().to("http://localhost/dbproject/Admin/view/SalaryUpdate.php");

        //maximize browser

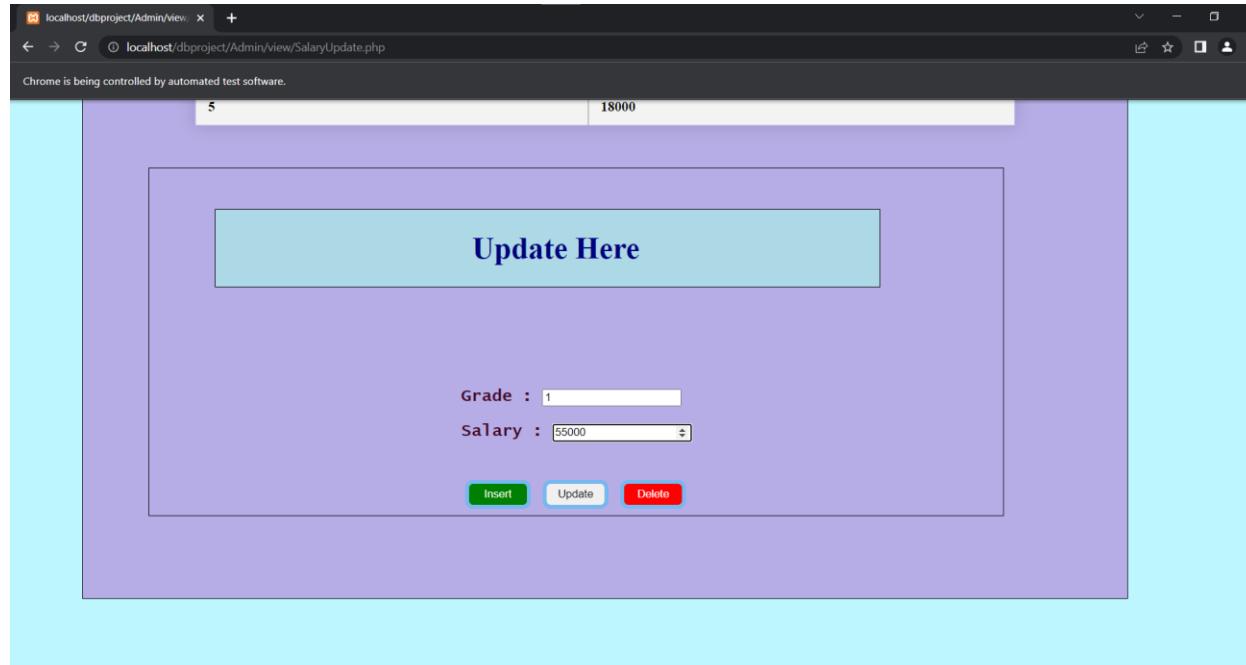
        driver.manage().window().maximize();

        driver.findElement(By.name("name")).sendKeys("anik.sen.4213@gmail.com");
        driver.findElement(By.name("password")).sendKeys("2@isWbs");
        driver.findElement(By.name("submit")).click();
        driver.findElement(By.name("grade")).sendKeys("1");
        driver.findElement(By.name("salary")).sendKeys("55000");
        driver.findElement(By.className("btnUpdate")).click();

        String appTitle = driver.getTitle();

        //System.out.println("Application title is : "+appTitle);
    }
}

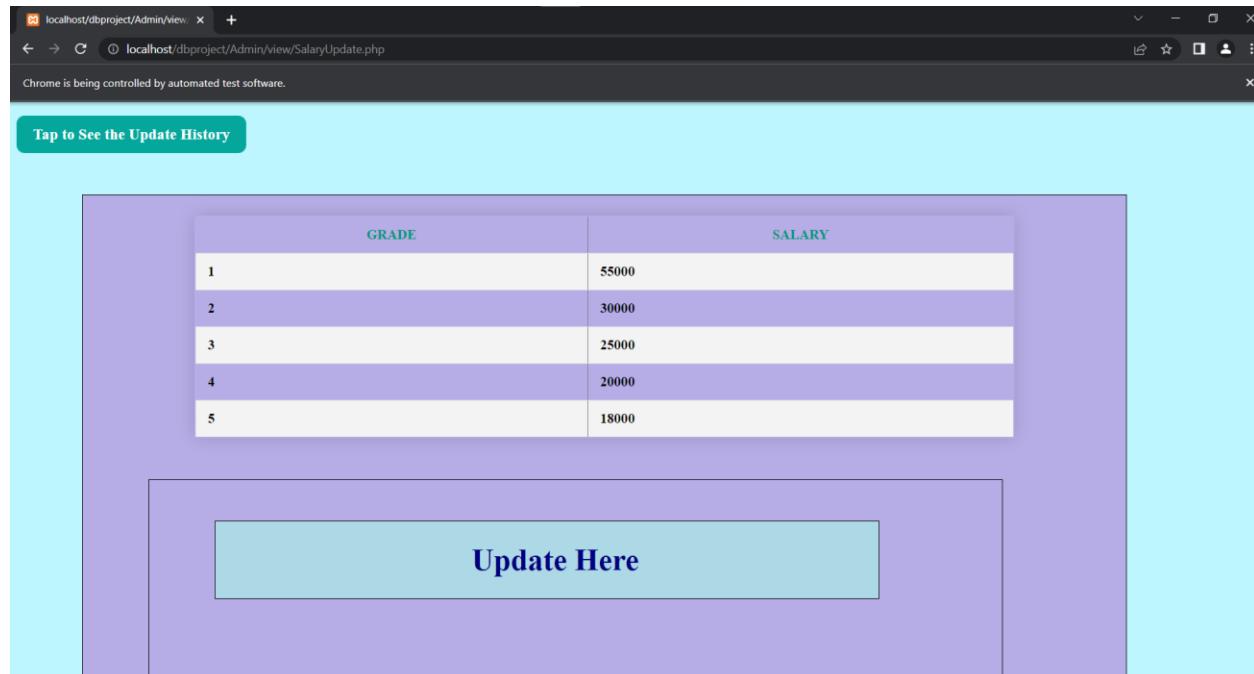
```



```

6 package automatictesting selenium;
7 import org.openqa.selenium.By;
8 import org.openqa.selenium.WebDriver;
9 import org.openqa.selenium.chrome.ChromeDriver;
10
11 /**
12  * 
13  * @author Asus
14  */
15 public class Automatictesting selenium {
16
17
18     /**
19      * @param args the command line arguments
20     */
21     public static void main(String[] args) {
22         // TODO code application logic here
23         System.setProperty("webdriver.chrome.driver","C:\\Users\\Asus\\Downloads\\selenium-java-4.0.0\\chromedriver_win32\\chromedriver.exe");
24         WebDriver driver = new ChromeDriver();
25         driver.navigate().to("http://localhost/dbproject/Admin/view/SalaryUpdate.php");
26
27         //maximize browser
28
29         driver.manage().window().maximize();
30
31         //driver.findElement(By.name("name")).sendKeys("anik.sen.4213@gmail.com");
32         //driver.findElement(By.name("password")).sendKeys("2@lsWbs");
33         //driver.findElement(By.name("submit")).click();
34         driver.findElement(By.name("grade")).sendKeys("1");
35         driver.findElement(By.name("salary")).sendKeys("55000");
36         driver.findElement(By.className("btnUpdate")).click();
37         String appTitle = driver.getTitle();
38
39         //System.out.println("Application title is : "+appTitle);
40     }
41
42 }

```



Project Name: Tour guide BD	Test Designed by:			
Test Case ID: #9	Test Designed date: 24 th March, 2023			
Test Priority: High	Test Executed by: Fahim Alam			
Module Name: Insert grade with salary	Test Execution date: 27 th March, 2023			
Test Title: Insert the employee salary				
Description: Test the insert segment of employee salary				
Preconditions: N/A				
Dependencies: N/A				
Test Steps	Test Data	Expected Results	Actual Results	Status

i.	Go for insert	Grade : 6	Admin should insert employee grade with salary	As expected	Pass
ii.	Enter employee grade	Salary : 23000			
iii.	Enter salary				
iv.	Click submit				

Post Condition: N/A

```

 1 package automatictestingSelenium;
 2 
 3 import org.openqa.selenium.*;
 4 import org.openqa.selenium.WebDriver;
 5 import org.openqa.selenium.chrome.ChromeDriver;
 6 
 7 /**
 8  * @param args the command line arguments
 9  */
10 public static void main(String[] args) {
11     // TODO code application logic here
12     System.setProperty("webdriver.chrome.driver","C:\\Users\\Asus\\Downloads\\selenium-java-4.8.2\\chromedriver_win32\\chromedriver.exe");
13     WebDriver driver = new ChromeDriver();
14     driver.navigate().to("http://localhost/dbproject/Admin/view/SalaryUpdate.php");
15 
16     //maximize browser
17 
18     driver.manage().window().maximize();
19 
20     //driver.findElement(By.name("name")).sendKeys("anik.sen.42138@gmail.com");
21     //driver.findElement(By.name("password")).sendKeys("2@1sWbs");
22     //driver.findElement(By.name("submit")).click();
23     driver.findElement(By.name("grade")).sendKeys("6");
24     driver.findElement(By.name("salary")).sendKeys("23000");
25     driver.findElement(By.className("btnInsert")).click();
26 
27     String appTitle = driver.getTitle();
28 
29     //System.out.println("Application title is : "+appTitle);
30 }
31 
32 }
33 
34 }
35 
36 }
37 
38 }
39 
40 }
41 
42 }

```

GRADE	SALARY
1	55000
2	30000
3	25000
4	20000
5	18000
6	23000

Update Here

Project Name: Tour guide BD	Test Designed by:			
Test Case ID: #10	Test Designed date: 24 th March, 2023			
Test Priority: High	Test Executed by: Fahim Alam			
Module Name: Delete grade with salary	Test Execution date: 27 th March, 2023			
Test Title: Delete the employee salary				
Description: Test the Delete segment of employee salary				
Preconditions: N/A				
Dependencies: N/A				
Test Steps	Test Data	Expected Results	Actual Results	Status
i. Go for delete ii. Enter employee grade iii. Click submit	Grade : 6 Salary : 0	Admin should Delete employee grade with salary	As expected	Pass
Post Condition: N/A				

automatictestingselenium - NetBeans IDE 8.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Projects Services File

AutomaticTestingSelenium

ATM

Source Packages

automatictestingselenium

automatictestingselenium.java

Test Packages

Libraries

selenium-api-4.8.2-sources.jar

selenium-api-4.8.2.jar

selenium-chrome-driver-4.8.2-sources.jar

selenium-chrome-driver-4.8.2.jar

selenium-chromium-driver-4.8.2-jar

selenium-chromium-driver-4.8.2-sources.jar

selenium-decoder-v10-4.8.2-sources.jar

selenium-decoder-v10-4.8.2.jar

selenium-decoder-v11-4.8.2-sources.jar

selenium-decoder-v11-4.8.2.jar

selenium-decoder-v5-4.8.2-sources.jar

selenium-decoder-v5-4.8.2.jar

selenium-edge-driver-4.8.2.jar

selenium-firefox-driver-4.8.2-sources.jar

selenium-firefox-driver-4.8.2.jar

selenium-http-4.8.2-sources.jar

selenium-http-4.8.2.jar

selenium-i18n-4.8.2-sources.jar

selenium-i18n-4.8.2.jar

selenium-javascriptexecutor-4.8.2-sources.jar

selenium-javascriptexecutor-4.8.2.jar

selenium-java-4.8.2-sources.jar

selenium-java-4.8.2.jar

selenium-junit-4.8.2-sources.jar

selenium-junit-4.8.2.jar

selenium-screenshot-4.8.2-sources.jar

selenium-screenshot-4.8.2.jar

Output : automatictestingselenium (run) X AutomaticTestingSelenium.java X

```

1 package automatictestingselenium;
2 import org.openqa.selenium.By;
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.chrome.ChromeDriver;
5
6 /**
7  * @param args the command line arguments
8  */
9 public class AutomaticTestingSelenium {
10
11     /**
12      * @param args the command line arguments
13      */
14     public static void main(String[] args) {
15         // TODO code application logic here
16         System.setProperty("webdriver.chrome.driver","C:\Users\Anus\Downloads\selenium-java-4.8.2\chromedriver_win32\chromedriver.exe");
17         WebDriver driver = new ChromeDriver();
18         driver.navigate().to("http://localhost/tbproject/Admin/view/SalaryUpdate.php");
19
20         //maximize browser
21         driver.manage().window().maximize();
22
23         //driver.findElement(By.name("name")).sendKeys("anik.sen.42130@gmail.com");
24         //driver.findElement(By.name("password")).sendKeys("81eWbs");
25         driver.findElement(By.name("grade")).click();
26         driver.findElement(By.name("salary")).sendKeys("0");
27         driver.findElement(By.className("btnDelete")).click();
28         String appTitle = driver.getTitle();
29
30         //System.out.println("Application title is : "+appTitle);
31
32     }
33
34 }
35
36
37
38
39
40
41
42

```

automatictestingselenium.AutomaticTestingSelenium > main

localhost/tbproject/Admin/view +

localhost/tbproject/Admin/view/SalaryUpdate.php

Chrome is being controlled by automated test software.

Tap to See the Update History

GRADE	SALARY
1	55000
2	30000
3	25000
4	20000
5	18000

Update Here