

1.18 Automate a Web Application.

DESCRIPTION

Project Objective:

As a Full Stack Developer, you have to build an automation script that automated the basic functionalities like registration and login.

Code Snippet

Automation_Web.java

```
package selenium.programs;

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.support.ui.Select;

public class Automation_Web {

    public static void main(String[] args) throws InterruptedException {
        // TODO Auto-generated method stub
        System.setProperty("webdriver.chrome.driver",
"C:\\Users\\vmb44\\Desktop\\chromedriver.exe");
        WebDriver driver = new ChromeDriver(); // this intializes the chrome web browser

        driver.get("https://demo.automationtesting.in/Register.html");
        driver.manage().window().maximize();
        Thread.sleep(4000);
        driver.findElement(By.xpath("//input[@placeholder='First
Name']")).sendKeys("Vishwanath");
        Thread.sleep(4000);
        driver.findElement(By.xpath("//input[@placeholder='Last Name']")).sendKeys("Bagali");
        Thread.sleep(4000);
        //driver.findElement(By.xpath("//input[@name='phone']")).sendKeys("8765461684");
        //driver.findElement(By.partialLinkText("
driver.findElement(By.xpath("//textarea[@rows='3']")).sendKeys("Bengaluru, Karnataka");
        Thread.sleep(4000);
        driver.findElement(By.xpath("//input[@type='email']")).sendKeys("vmb@gmail.com");
        Thread.sleep(4000);
        driver.findElement(By.xpath("//input[@type='tel']")).sendKeys("7418529630");
        Thread.sleep(4000);
        WebElement radio1 = driver.findElement(By.xpath("//input[@value='Male']"));
```

```
radio1.click();
Thread.sleep(4000);
WebElement radio2 = driver.findElement(By.xpath("//input[@value='Male']"));
radio2.click();
Thread.sleep(4000);

driver.findElement(By.id("checkbox1")).click();
driver.findElement(By.id("checkbox2")).click();
Select fruits = new Select(driver.findElement(By.xpath("//label[@class='col-md-3 col-xs-3 col-sm-3']")));
    fruits.selectByVisibleText("English");

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

    }
}
```