**package** Day1;

**import** java.time.Duration;

**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.chrome.ChromeOptions;

**import** org.openqa.selenium.support.ui.ExpectedConditions;

**import** org.openqa.selenium.support.ui.WebDriverWait;

**public** **class** Testing3 {

**public** **static** **void** main(String[] args) {

// Set up WebDriver and ChromeDriver path

System.*setProperty*("webdriver.chrome.driver", "C:\\Users\\HP\\libs\\chromedriver.exe");

ChromeOptions options = **new** ChromeOptions();

options.addArguments("--remote-allow-origins=\*");

WebDriver driver = **new** ChromeDriver(options);

WebDriverWait wait = **new** WebDriverWait(driver, Duration.*ofSeconds*(20));

**try** {

// Step 1: Login to the Application

driver.get("http://schoolapps.free.nf/login.php");

wait.until(ExpectedConditions.*presenceOfElementLocated*(By.*name*("uname")));

driver.findElement(By.*name*("uname")).sendKeys("elias");

driver.findElement(By.*name*("pass")).sendKeys("123");

driver.findElement(By.*name*("role")).sendKeys("Admin");

driver.findElement(By.*cssSelector*(".btn.btn-primary")).click();

// Wait for Dashboard to Load

wait.until(ExpectedConditions.*urlToBe*("http://schoolapps.free.nf/admin/index.php"));

System.***out***.println("Login successful!");

// Step 2: Navigate to Add Teacher Page

driver.get("http://schoolapps.free.nf/admin/teacher-add.php");

// Step 3: Fill Out the Teacher Form

wait.until(ExpectedConditions.*presenceOfElementLocated*(By.*name*("fname")));

driver.findElement(By.*name*("fname")).sendKeys("John");

driver.findElement(By.*name*("lname")).sendKeys("Doe");

driver.findElement(By.*name*("username")).sendKeys("johndoe");

driver.findElement(By.*name*("pass")).sendKeys("pass123");

driver.findElement(By.*name*("address")).sendKeys("123 Main Street");

driver.findElement(By.*name*("employee\_number")).sendKeys("E12345");

driver.findElement(By.*name*("phone\_number")).sendKeys("0123456789");

driver.findElement(By.*name*("qualification")).sendKeys("Master's Degree");

driver.findElement(By.*name*("email\_address")).sendKeys("john.doe@example.com");

driver.findElement(By.*xpath*("//input[@value='Male']")).click();

driver.findElement(By.*name*("date\_of\_birth")).sendKeys("1990-01-01");

// Select Subject (e.g., Mathematics)

driver.findElement(By.*xpath*("//input[@name='subjects[]'][@value='1']")).click();

// Select Class (e.g., 10-A)

driver.findElement(By.*xpath*("//input[@name='classes[]'][@value='1']")).click();

// Step 4: Submit the Form

driver.findElement(By.*cssSelector*(".btn.btn-primary")).click();

// Step 5: Validate the Success Message

wait.until(ExpectedConditions.*presenceOfElementLocated*(By.*className*("alert-success")));

String successMessage = driver.findElement(By.*className*("alert-success")).getText();

**if** (successMessage.contains("Teacher added successfully")) {

System.***out***.println("Test Passed: " + successMessage);

} **else** {

System.***out***.println("Test Failed: Unexpected message - " + successMessage);

}

} **catch** (Exception e) {

System.***out***.println("Test Failed: Exception occurred - " + e.getMessage());

} **finally** {

// Close the browser

driver.quit();

}

}

}