**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** Testing4 {

**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: Log in as Admin

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 Edit Teacher Page

String teacherId = "10"; // Change to the required teacher\_id

String editUrl = "http://schoolapps.free.nf/admin/teacher-edit.php?teacher\_id=" + teacherId;

driver.get(editUrl);

// Wait for the Edit Page to Load

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

// Step 3: Edit Teacher Details

driver.findElement(By.*name*("fname")).clear();

driver.findElement(By.*name*("fname")).sendKeys("Updated First Name");

driver.findElement(By.*name*("lname")).clear();

driver.findElement(By.*name*("lname")).sendKeys("Updated Last Name");

driver.findElement(By.*name*("username")).clear();

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

driver.findElement(By.*name*("address")).clear();

driver.findElement(By.*name*("address")).sendKeys("Updated Address");

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

driver.findElement(By.*name*("employee\_number")).sendKeys("E67890");

driver.findElement(By.*name*("date\_of\_birth")).clear();

driver.findElement(By.*name*("date\_of\_birth")).sendKeys("1995-05-20");

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

driver.findElement(By.*name*("phone\_number")).sendKeys("01712345678");

driver.findElement(By.*name*("qualification")).clear();

driver.findElement(By.*name*("qualification")).sendKeys("PhD in Computer Science");

driver.findElement(By.*name*("email\_address")).clear();

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

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

// Modify Subjects and Classes (if required)

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

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

// Step 4: Submit the Form

WebElement submitButton = driver.findElement(By.*cssSelector*(".btn.btn-primary"));

// Ensure button is clickable

wait.until(ExpectedConditions.*elementToBeClickable*(submitButton));

submitButton.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 updated 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();

}

}

}