

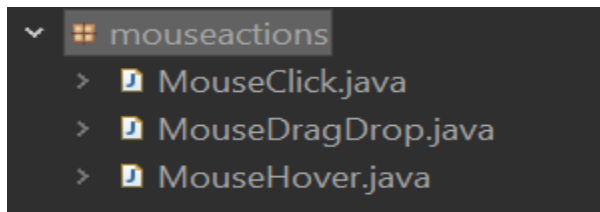
# **Steps to JAVA Selenium Projects**

Automation Testing Stream

**NAME- KRITTIKA AGRAWAL**

**CONTENTS- Mouse Actions Implementation**

**Step-1:** Created Classes for Package- “mouseactions”.



**Step-2:** Code for Mouse Click.

```
1 package mouseactions;
2
3 import java.util.concurrent.TimeUnit;
4
5 public class MouseClick {
6
7     public static void main(String[] args) throws InterruptedException {
8         System.setProperty("webdriver.chrome.driver", "C:\\Krittika\\chromedriver.exe");
9         //right click
10        WebDriver driver = new ChromeDriver();
11        driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
12        driver.manage().timeouts().implicitlyWait(1000, TimeUnit.MILLISECONDS);
13        driver.findElement(By.xpath("//input[@name = 'username']")).sendKeys("Admin");
14        driver.findElement(By.xpath("//input[@type = 'password']")).sendKeys("admin123");
15        driver.findElement(By.xpath("//button[@type = 'submit']")).click();
16        Actions mouse=new Actions(driver);
17        WebElement admin= driver.findElement(By.xpath("//span"));
18        mouse.contextClick(admin).build().perform(); //right click
19
20        //double click
21        WebDriver dr = new ChromeDriver();
22        dr.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
23        dr.manage().timeouts().implicitlyWait(1000, TimeUnit.MILLISECONDS);
24        dr.findElement(By.xpath("//input[@name = 'username']")).sendKeys("Admin");
25        dr.findElement(By.xpath("//input[@type = 'password']")).sendKeys("admin123");
26        dr.findElement(By.xpath("//button[@type = 'submit']")).click();
27        WebElement adm= dr.findElement(By.xpath("//span"));
28        Actions act = new Actions(dr);
29        act.doubleClick(adm).build().perform(); //Double Click
30    }
31 }
32 }
```

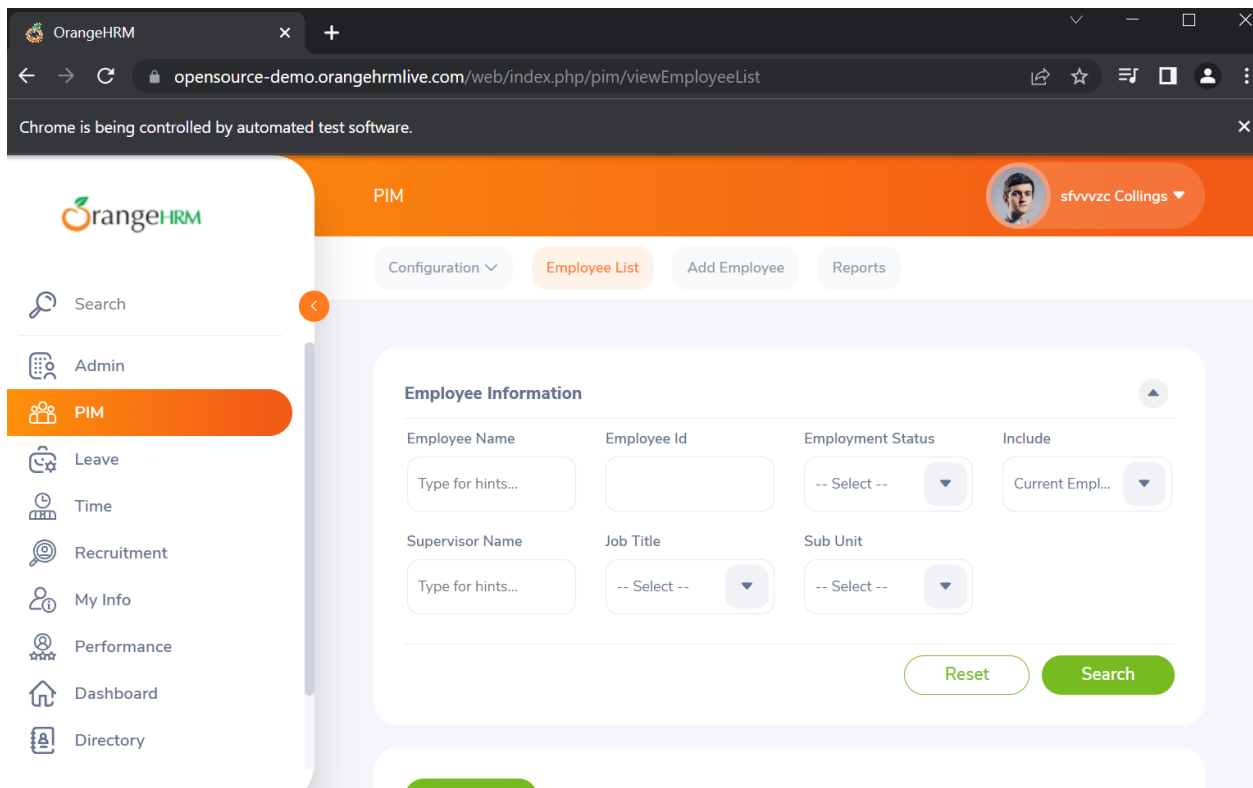
**Step-3:** Code for Mouse Drag and Drop.

```
1 package mouseactions;
2
3 import java.util.concurrent.TimeUnit;
4
5 public class MouseDragDrop {
6
7     public static void main(String[] args) throws InterruptedException {
8         System.setProperty("webdriver.chrome.driver", "C:\\Krittika\\chromedriver.exe");
9         WebDriver driver = new ChromeDriver();
10        driver.get("https://demoqa.com/droppable/");
11        Actions drag=new Actions(driver);
12        WebElement source = driver.findElement(By.id("draggable"));
13        WebElement dest = driver.findElement(By.id("droppable"));
14        driver.manage().timeouts().implicitlyWait(1000, TimeUnit.MILLISECONDS);
15        drag.dragAndDrop(source, dest);
16        drag.build().perform();
17    }
18 }
19 }
```

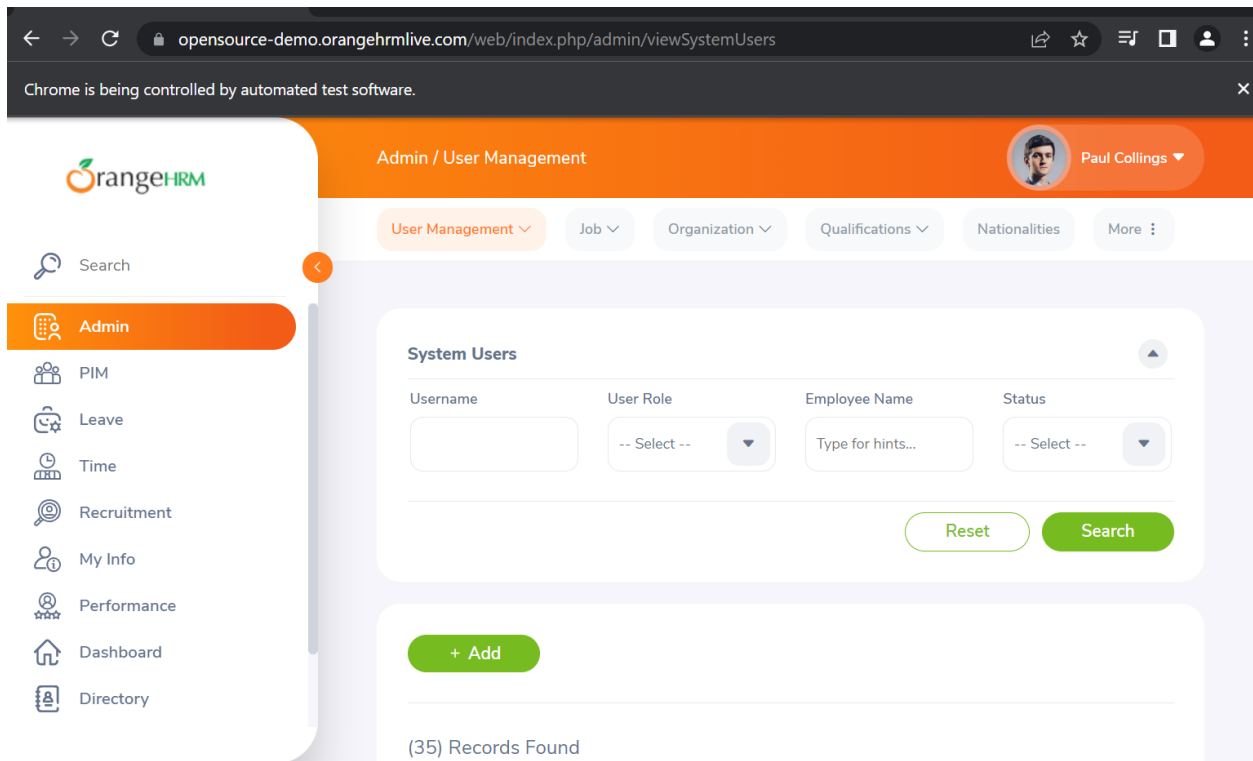
#### Step-4: Code for Mouse Hover.

```
1 package mouseactions;
2 import org.openqa.selenium.By;
3
4
5
6
7 public class MouseHover {
8
9     public static void main(String[] args) throws InterruptedException {
10         System.setProperty("webdriver.chrome.driver", "C:\\\\Krittika\\\\chromedriver.exe");
11         WebDriver driver = new ChromeDriver();
12         driver.get("http://www.aptransport.org/");
13         Actions mouse=new Actions(driver);
14         driver.manage().window().maximize();
15         mouse.moveToElement(driver.findElement(By.linkText("REGISTRATION"))).build().perform();
16         Thread.sleep(1000);
17     }
18 }
19 }
20 }
```

#### Step-5: Outputs for Mouse Clicks.

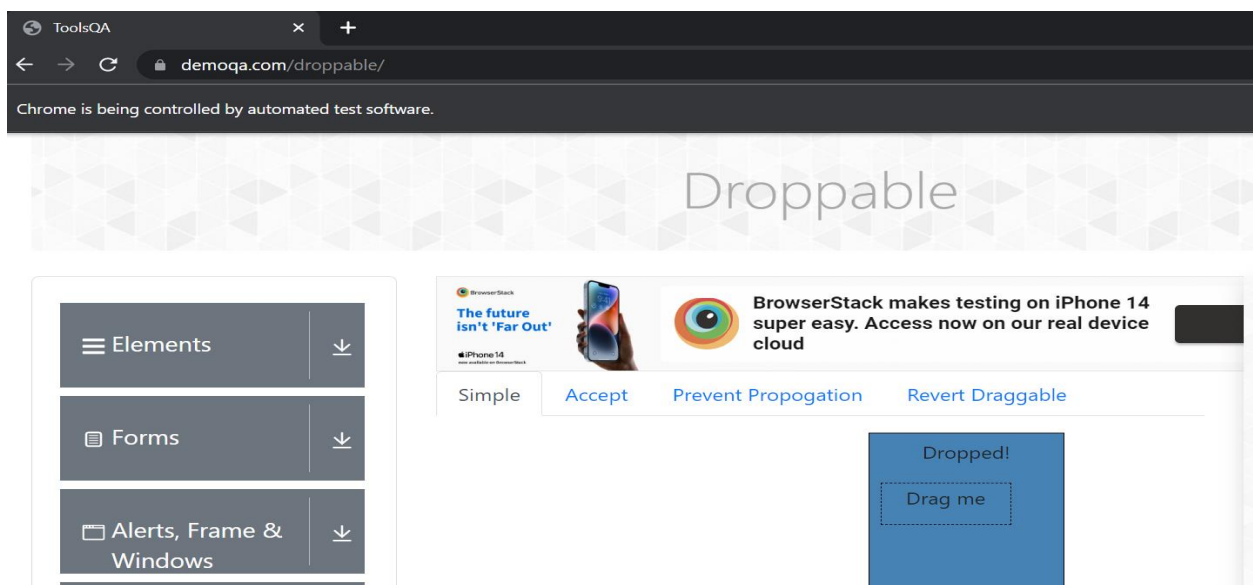


//Right Click



//Double Click

## Step-6: Outputs for Mouse Drag and Drop.



## Step-7: Outputs for Mouse Hover.


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Chrome is being controlled by automated test software.

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