

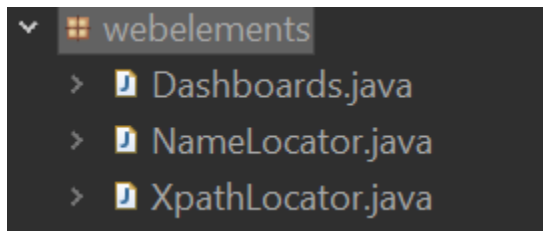
Steps to JAVA Selenium Projects

Automation Testing Stream

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CONTENTS- WEB Elements on Orange HRM Site

Step-1: Created Classes for Package- “webelements”.



Step-2: Code for Dashboards.

```
FinalAssessment/pom.xml  Dashboards.java  NameLocator.java  XpathLocator.java
1 package webelements;
2 import java.util.concurrent.TimeUnit;
3
4 public class Dashboards {
5     public static void main(String[] args) {
6         // B. Elements present on Dashboards
7         System.setProperty("webdriver.chrome.driver", "C:\\Krittika\\chromedriver.exe");
8         WebDriver driver = new ChromeDriver();
9         driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
10        driver.manage().timeouts().implicitlyWait(1000, TimeUnit.MILLISECONDS);
11        driver.findElement(By.xpath("//input[@name = 'username']")).sendKeys("Admin");
12        driver.findElement(By.xpath("//input[@type = 'password']")).sendKeys("admin123");
13        driver.findElement(By.xpath("//button[@type = 'submit']")).click();
14        // B. Elements present on Dashboard- we do not have names and ID for fields on dashboard.
15
16        //B. Elements present on Dashboard using xpath
17        driver.findElement(By.xpath("//li/a/span")).click();
18        driver.findElement(By.xpath("//li[2]/a/span")).click();
19        driver.findElement(By.xpath("//li[3]/a/span")).click();
20        driver.findElement(By.xpath("//li[4]/a/span")).click();
21
22        //B. Elements present on Dashboard using LinkText
23        driver.findElement(By.LinkText("Admin")).click();
24        driver.findElement(By.LinkText("PIM")).click();
25        driver.findElement(By.LinkText("Leave")).click();
26        driver.findElement(By.LinkText("Time")).click();
27    }
28 }
29
30
31
32
```

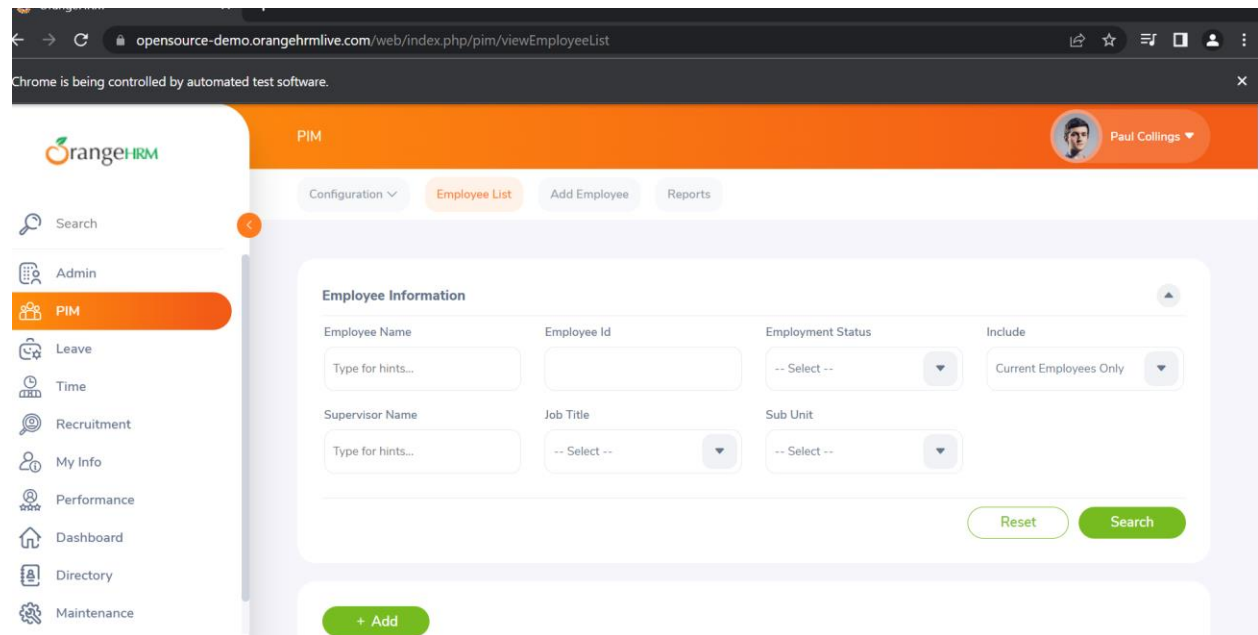
Step-3: Code for Name Locator.

```
FinalAssessment/pom.xml  Dashboards.java  NameLocator.java  XpathLocator.java
1 package webelements;
2 import java.util.concurrent.TimeUnit;
3
4 public class NameLocator {
5     public static void main(String[] args) throws InterruptedException {
6         // A. Elements present on Login page
7         System.setProperty("webdriver.chrome.driver", "C:\\Krittika\\chromedriver.exe");
8         WebDriver driver = new ChromeDriver();
9         driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
10        driver.manage().timeouts().implicitlyWait(1000, TimeUnit.MILLISECONDS);
11        driver.findElement(By.name("username")).sendKeys("Admin");
12        driver.findElement(By.name("password")).sendKeys("admin123");
13        driver.findElement(By.LinkText("Login")).click(); //we do not have name for Login button
14    }
15 }
16
17
18
19
```

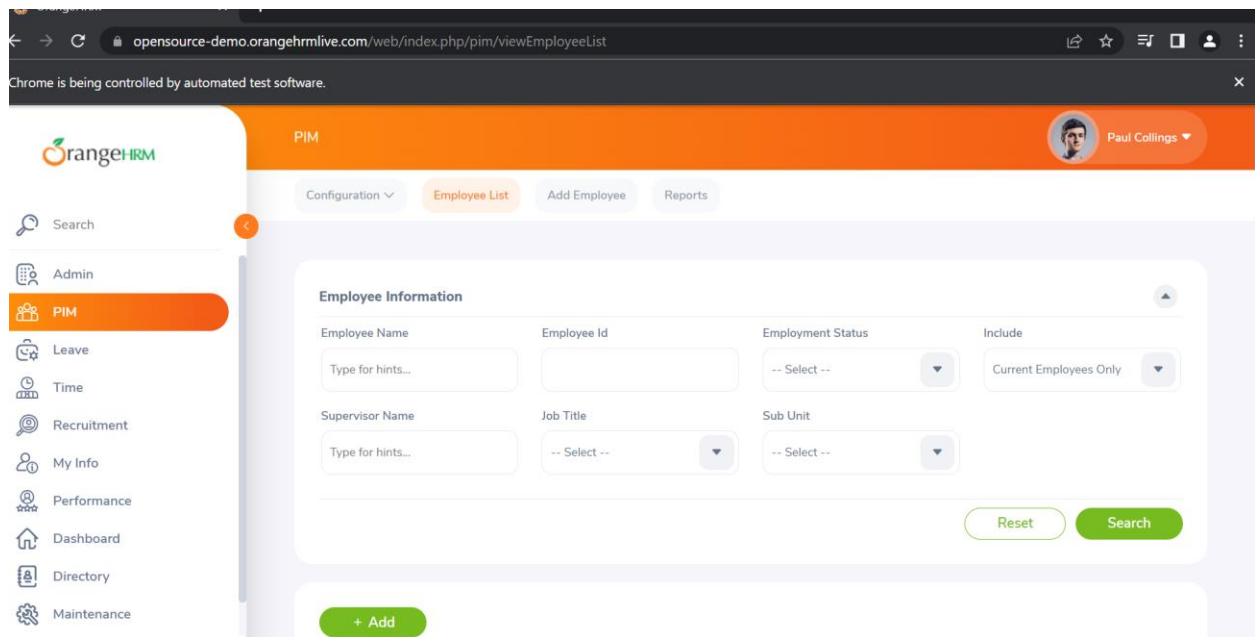
Step-4: Code for Xpath Locator.

```
FinalAssessment/pom.xml  Dashboards.java  NameLocator.java  XpathLocator.java x
1 package webelements;
2 import java.util.concurrent.TimeUnit;
3
4 public class XpathLocator {
5     public static void main(String[] args) throws InterruptedException {
6         // A. Elements present on Login page
7         System.setProperty("webdriver.chrome.driver", "C:\\Krittika\\chromedriver.exe");
8         WebDriver driver = new ChromeDriver();
9         driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
10        driver.manage().timeouts().implicitlyWait(1000, TimeUnit.MILLISECONDS);
11        driver.findElement(By.xpath("//input[@name = 'username']")).sendKeys("Admin");
12        driver.findElement(By.xpath("//input[@type = 'password']")).sendKeys("admin123");
13        driver.findElement(By.xpath("//button[@type = 'submit']")).click();
14    }
15 }
```

Step-5: Output for Xpath Locator.

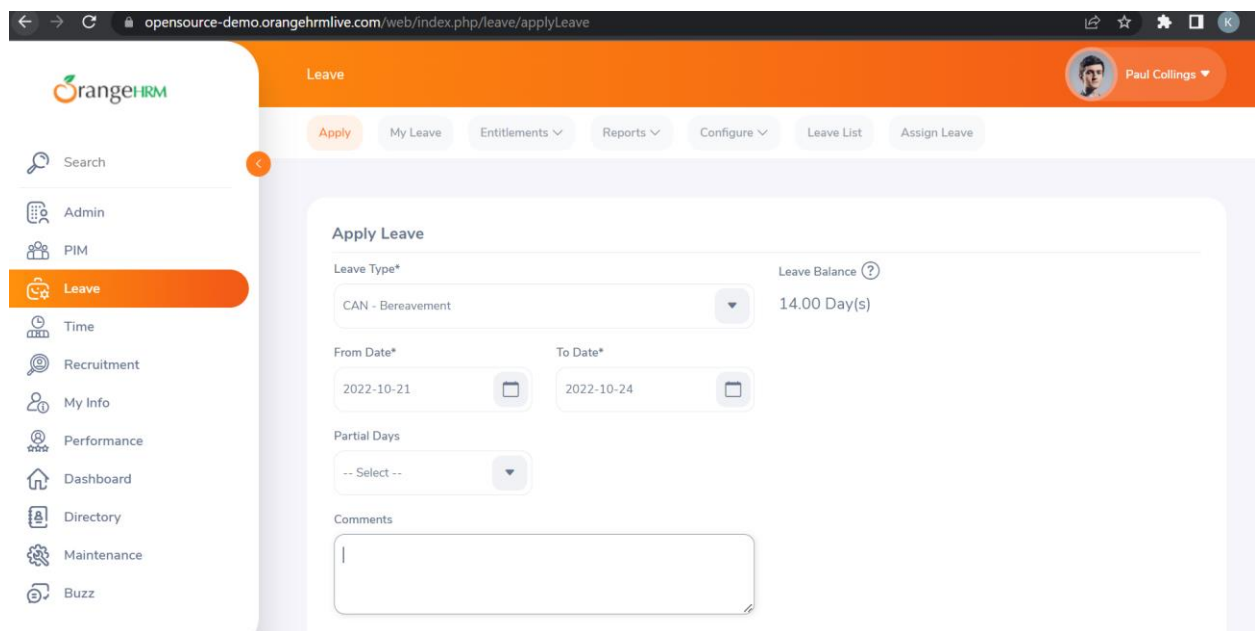


Step-6: Output for Name Locator.



The screenshot shows the OrangeHRM PIM (Personnel Information Management) interface. The left sidebar contains a menu with options: Search, Admin, PIM (highlighted), Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, and Maintenance. The main content area is titled 'Employee List' and features a search form with the following fields: Employee Name (with a hint 'Type for hints...'), Employee Id, Employment Status (dropdown), Include (dropdown with 'Current Employees Only'), Supervisor Name (with a hint 'Type for hints...'), Job Title (dropdown), and Sub Unit (dropdown). There are 'Reset' and 'Search' buttons at the bottom right of the form. A '+ Add' button is located at the bottom left of the main content area. The top navigation bar shows the user 'Paul Collings' and the 'PIM' section.

Step-7: Outputs for HRM Leave.



The screenshot shows the OrangeHRM Leave application interface. The left sidebar contains a menu with options: Search, Admin, PIM, Leave (highlighted), Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, and Buzz. The main content area is titled 'Apply Leave' and features a form with the following fields: Leave Type* (dropdown with 'CAN - Bereavement'), Leave Balance ? (14.00 Day(s)), From Date* (2022-10-21), To Date* (2022-10-24), Partial Days (dropdown with '-- Select --'), and Comments (text area). There are 'Apply', 'My Leave', 'Entitlements', 'Reports', 'Configure', 'Leave List', and 'Assign Leave' buttons at the top of the main content area. The top navigation bar shows the user 'Paul Collings' and the 'Leave' section.

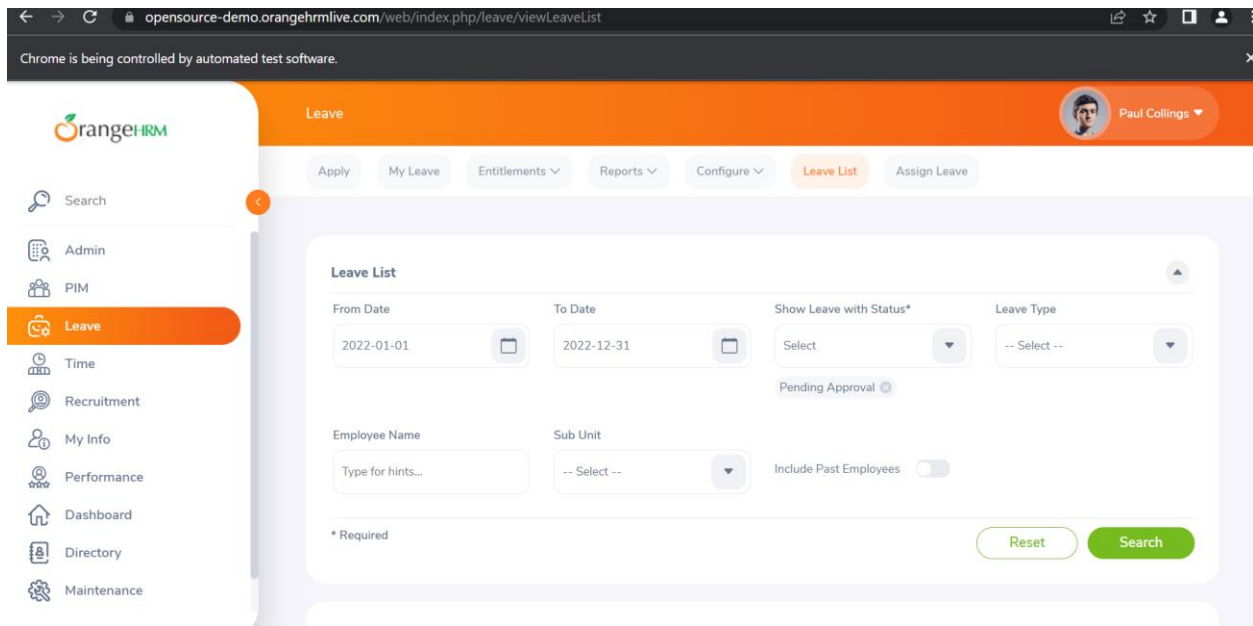
Step-8: Outputs for Dashboards.

The screenshot shows the OrangeHRM Admin / User Management dashboard. The left sidebar contains a search bar and a list of menu items: Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, and Maintenance. The main content area is titled "Admin / User Management" and features a top navigation bar with tabs for User Management, Job, Organization, Qualifications, Nationalities, Corporate Branding, and More. Below the tabs, there is a "System Users" section with a search form. The form includes fields for Username, User Role (a dropdown menu), Employee Name (a text input with a hint "Type for hints..."), and Status (a dropdown menu). There are "Reset" and "Search" buttons. Below the search form, there is a "+ Add" button and a message "(35) Records Found".

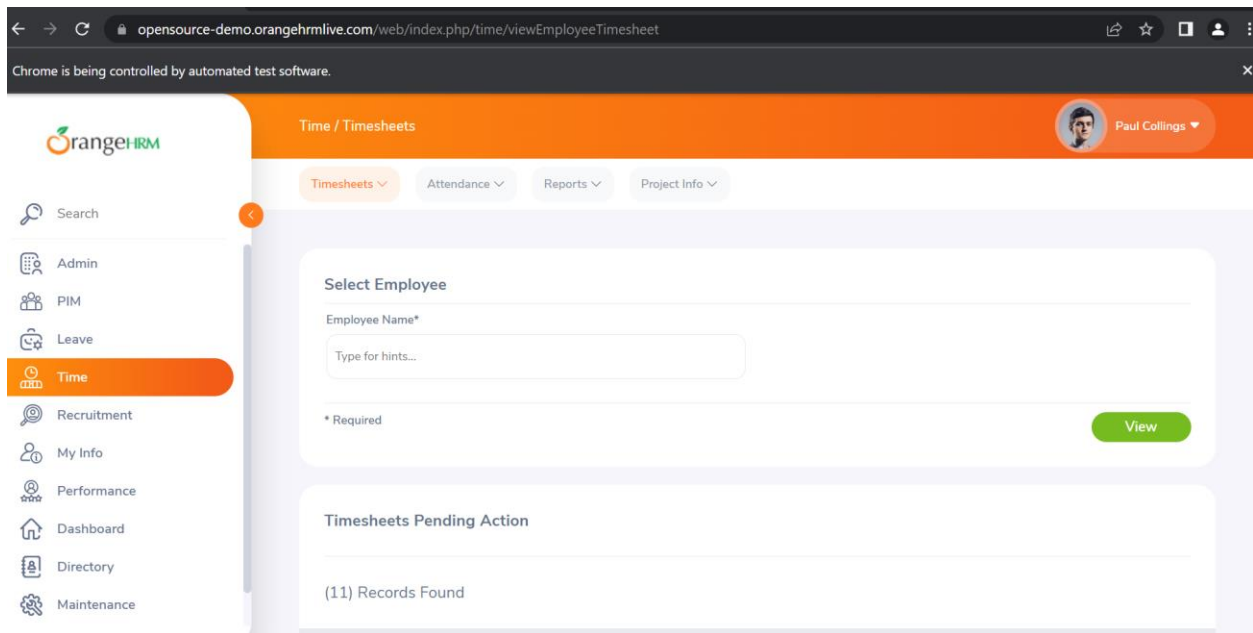
//Admin Dashboard

The screenshot shows the OrangeHRM PIM dashboard. The left sidebar is the same as the Admin dashboard. The main content area is titled "PIM" and features a top navigation bar with tabs for Configuration, Employee List, Add Employee, and Reports. Below the tabs, there is an "Employee Information" section with a search form. The form includes fields for Employee Name, Employee Id, Employment Status (a dropdown menu), Include (a dropdown menu with "Current Employees Only" selected), Supervisor Name, Job Title (a dropdown menu), and Sub Unit (a dropdown menu). There are "Reset" and "Search" buttons. Below the search form, there is a "+ Add" button.

//PIM Dashboard



//Leave Dashboard



//Time Dashboard