

EduBridge



A Project Report On

AUTOMATION TESTING ON ORANGEHRM WEBSITE

By

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Course: S Prayas Certified Software Test Engineer

Under the Guidance of,

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EduBridge

INTRODUCTION

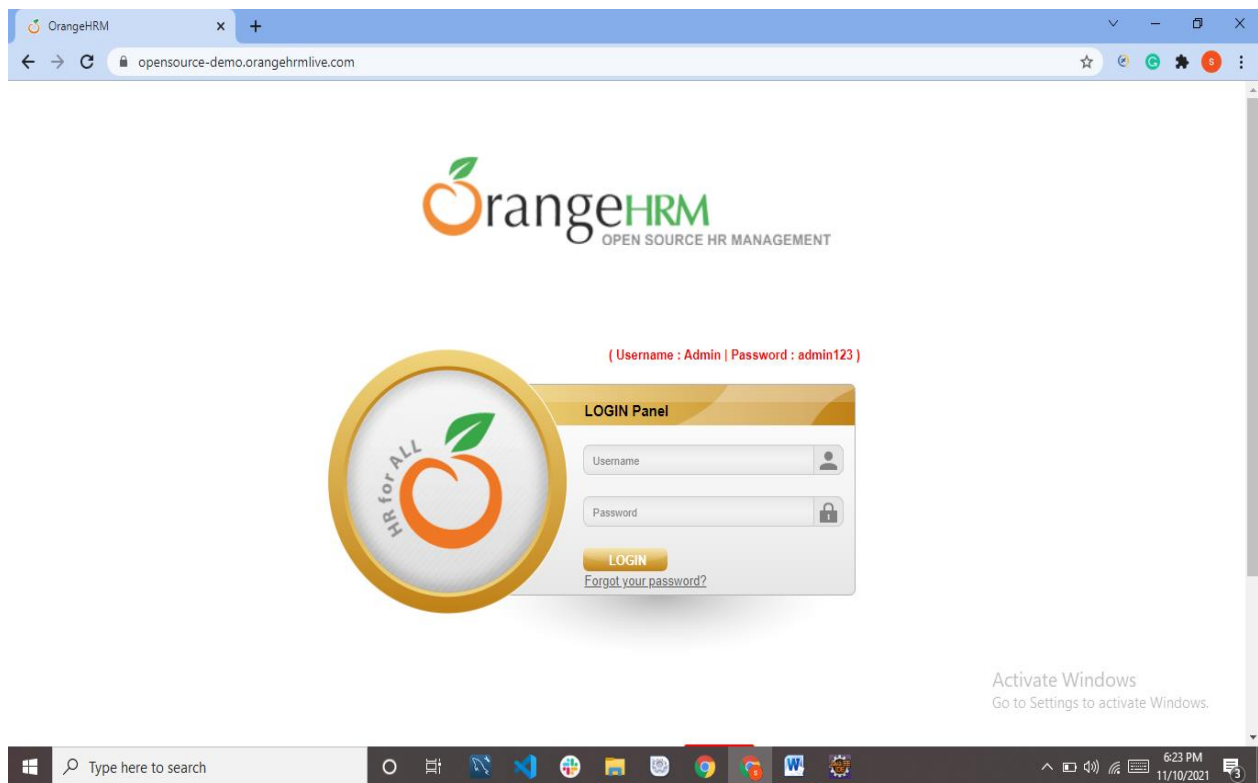
This Project aims to do overall testing like functional testing, GUI testing on website to check quality of application. It helps to improve quality of website and saves time for manually doing this testing. In this project our main focus is to check functionalities available on website.

SOFTWARE REQUIREMENTS

- Operating System: Windows 10
- Browser: Latest version of Chrome
- IDE: Eclipse IDE
- Automation Tool: Selenium WebDriver
- Front-end: Java

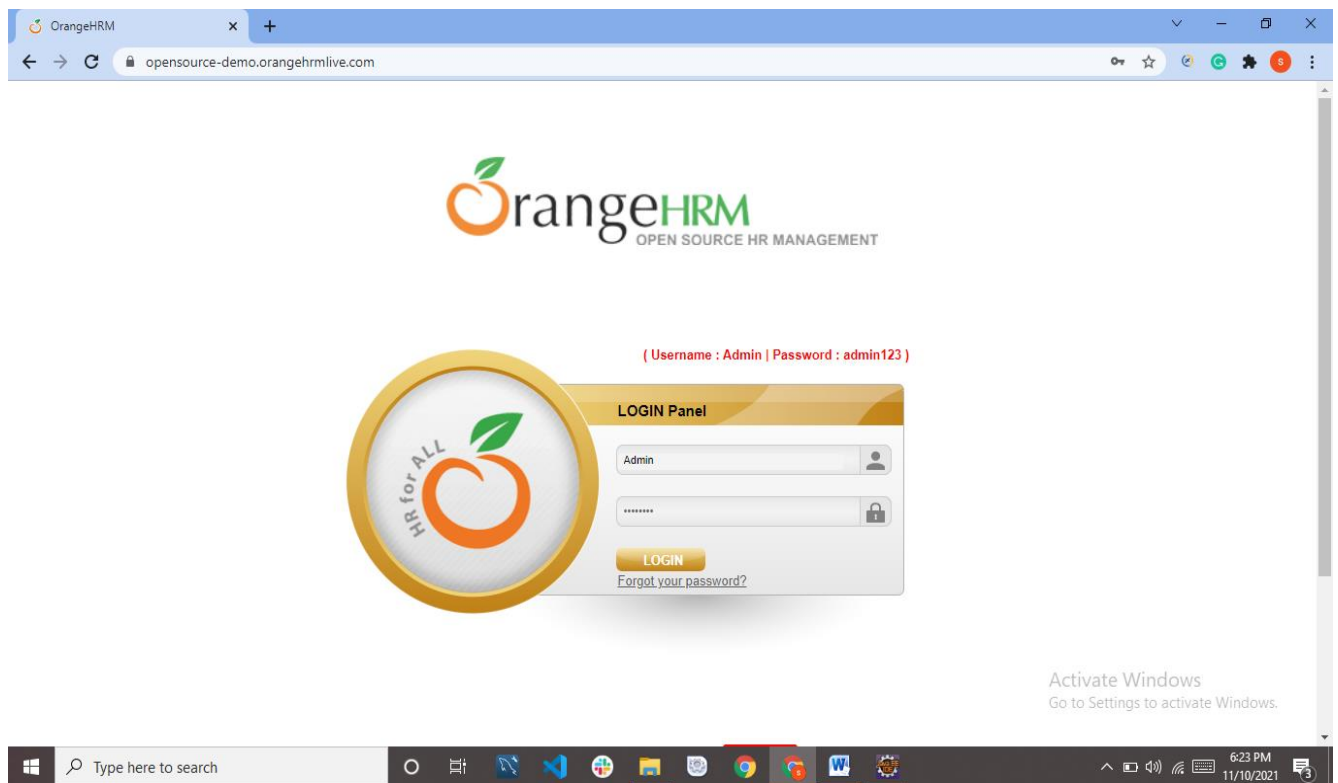
TC61- Launch the browser and open orangehrmlive.com.

```
WebDriverManager.chromedriver().browserPath("95.0.4638.54").setup();  
WebDriverManager.chromedriver().setup();  
WebDriver w= new ChromeDriver();  
w.get("https://opensource-demo.orangehrmlive.com/");  
w.manage().window().maximize();
```



TC62-To check the functionality of Login Button

```
w.findElement(By.id("txtUsername")).sendKeys("Admin");  
w.findElement(By.id("txtPassword")).sendKeys("admin123");  
w.findElement(By.id("btnLogin")).click();
```



TC63-To Check the functionality PMI Button

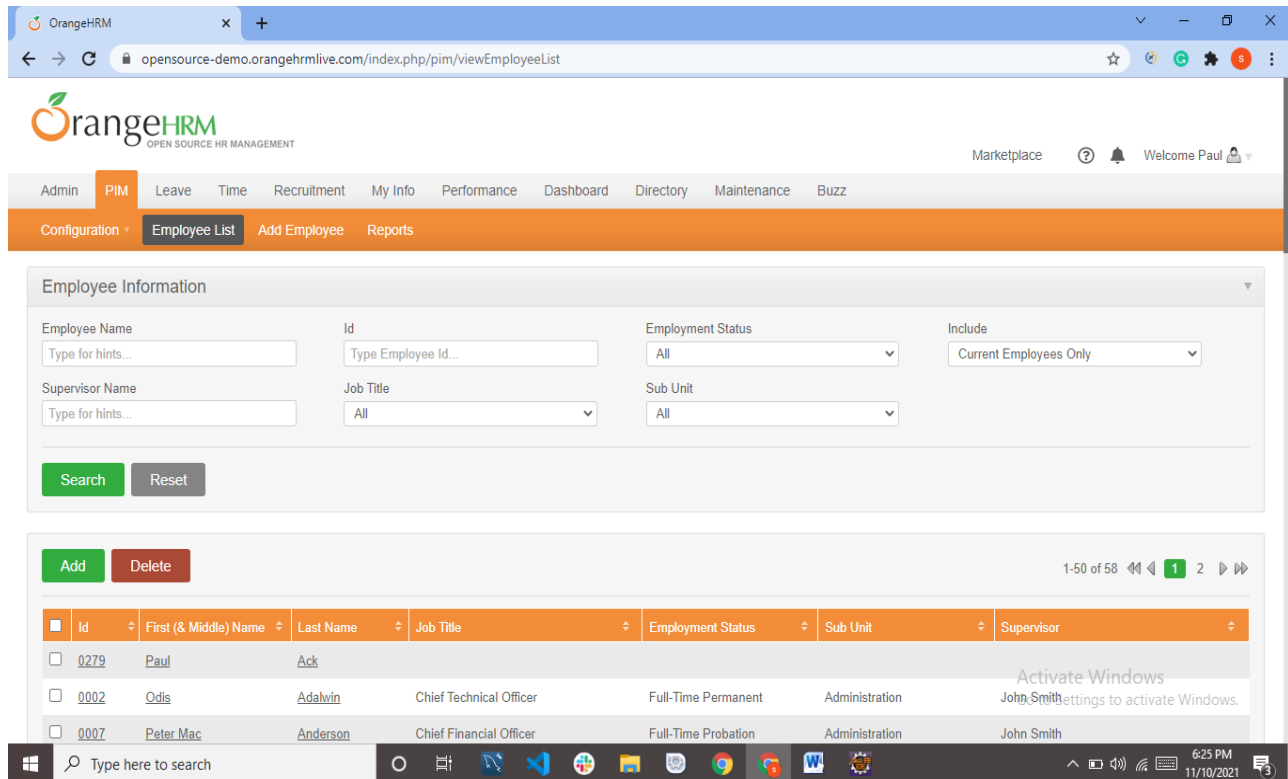
```
w.findElement(By.id("menu_pim_viewPimModule")).click();
```

The screenshot displays the OrangeHRM web application interface. The browser address bar shows the URL: `opensource-demo.orangehrmlive.com/index.php/pim/viewEmployeeList`. The application header includes the OrangeHRM logo and navigation tabs: Admin, PIM (selected), Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, and Buzz. Below the header, a sub-menu bar contains Configuration, Employee List (selected), Add Employee, and Reports. The main content area is titled "Employee Information" and contains search filters for Employee Name, Id, Employment Status, Supervisor Name, Job Title, Sub Unit, and Include. The "Search" button is highlighted in green. Below the filters, there are "Add" and "Delete" buttons. A table lists employees with columns: Id, First (& Middle) Name, Last Name, Job Title, Employment Status, Sub Unit, and Supervisor. The table shows three employees: Paul Ack (Id: 0279), Odia Adalwin (Id: 0002), and Peter Mac Anderson (Id: 0007). The Windows taskbar at the bottom shows the time as 6:25 PM on 11/10/2021.

Id	First (& Middle) Name	Last Name	Job Title	Employment Status	Sub Unit	Supervisor
0279	Paul	Ack				
0002	Odia	Adalwin	Chief Technical Officer	Full-Time Permanent	Administration	John Smith
0007	Peter Mac	Anderson	Chief Financial Officer	Full-Time Probation	Administration	John Smith

TC64-To Check the Functionality of Add button in Employee List section

```
w.findElement(By.id("btnAdd")).click();
```



The screenshot displays the OrangeHRM web application interface. The top navigation bar includes links for Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, and Buzz. The PIM section is active, and the 'Employee List' sub-menu is selected. Below the navigation bar, there is a search filter section with fields for Employee Name, Id, Employment Status, Supervisor Name, Job Title, Sub Unit, and Include. The 'Add' button is visible in the top left of the employee list section. The table below shows a list of employees with columns for Id, First (& Middle) Name, Last Name, Job Title, Employment Status, Sub Unit, and Supervisor.

Id	First (& Middle) Name	Last Name	Job Title	Employment Status	Sub Unit	Supervisor
0279	Paul	Ack				
0002	Odin	Adalwin	Chief Technical Officer	Full-Time Permanent	Administration	John Smith
0007	Peter Mac	Anderson	Chief Financial Officer	Full-Time Probation	Administration	John Smith

TC65-To Check the Functionality of Save button in Add Employee section

```
w.findElement(By.id("firstName")).sendKeys("Sayali");
w.findElement(By.id("middleName")).sendKeys("Viraj");
w.findElement(By.id("lastName")).sendKeys("Singh");
w.findElement(By.id("employeeId")).clear();
Thread.sleep(3000);
w.findElement(By.id("employeeId")).sendKeys("10033");
w.findElement(By.id("chkLogin")).click();
w.findElement(By.id("user_name")).sendKeys("Sayali3333");
w.findElement(By.id("user_password")).sendKeys("Testing123");
w.findElement(By.id("re_password")).sendKeys("Testing123");
Thread.sleep(3000);
Select s= new Select(w.findElement(By.id("status")));
s.selectByValue("Enabled");
w.findElement(By.id("btnSave")).click();
Thread.sleep(3000)
```

OrangeHRM
OPEN SOURCE HR MANAGEMENT

Admin PIM Leave Time Recruitment My Info Performance Dashboard Directory Maintenance Buzz

Configuration Employee List Add Employee Reports

Add Employee

Full Name

* First Name Middle Name * Last Name

Employee Id 0300

Photograph Choose File No file chosen

Accepts jpg, png, gif up to 1MB. Recommended dimensions: 200px X 200px

Create Login Details ☐

* Required field

Save

OrangeHRM 4.8
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Activate Windows
Go to Settings to activate Windows.

Defect:

With same full name, Employee id, Username employee is get added. At least employee id needs to be unique.

TC66-To check the functionality of “Edit” button in personal information

```
w.findElement(By.id("btnSave")).click();
```

The screenshot displays the OrangeHRM web application interface. The browser address bar shows the URL: `opensource-demo.orangehrmlive.com/index.php/pim/viewPersonalDetails/empNumber/79`. The application has a top navigation bar with links: Configuration, Employee List, Add Employee, and Reports. On the left, a sidebar menu lists various sections: Personal Details (selected), Contact Details, Emergency Contacts, Dependents, Immigration, Job, Salary, Tax Exemptions, Report-to, and Qualifications. The main content area is titled 'Personal Details' and contains a form for editing employee information. The form includes the following fields and options:

- Full Name:** First Name (Sayali), Middle Name, Last Name (test).
- Employee Id:** 333333
- Other Id:**
- Driver's License Number:**
- License Expiry Date:** yyyy-mm-dd
- SSN Number:**
- SIN Number:**
- Gender:** Male, Female
- Marital Status:** -- Select --
- Nationality:** -- Select --
- Date of Birth:** yyyy-mm-dd
- Nick Name:**
- Smoker:** ☐
- Military Service:**

At the bottom left of the form is a green 'Edit' button. A watermark 'Activate Windows' is visible in the bottom right corner of the application area. The Windows taskbar at the bottom shows the search bar, task view button, and several application icons, with the system clock indicating 11:06 PM on 11/10/2021.

TC67-To Check the functionality of Save Button in personal

information

```
w.findElement(By.id("btnSave")).click();
w.findElement(By.id("personal_txtOtherID")).sendKeys("ID98089");

w.findElement(By.id("personal_txtLicenNo")).sendKeys("89562BFT12HJ");
Thread.sleep(3000);
w.findElement(By.id("personal_txtLicExpDate")).click();
Select s1= new Select(w.findElement(By.className("ui-datepicker-month")));
s1.selectByValue("5");
Select s2= new Select(w.findElement(By.className("ui-datepicker-year")));
s2.selectByValue("2030"); w.findElement(By.linkText("28")).click();
Thread.sleep(3000);

w.findElement(By.id("personal_txtSINNo")).sendKeys("888885225888");
w.findElement(By.id("personal_optGender_2")).click();

Select s3= new Select(w.findElement(By.id("personal_cmbMarital")));
s3.selectByValue("Married"); Select s4= new
Select(w.findElement(By.id("personal_cmbNation"))); s4.selectByValue("182");


w.findElement(By.id("personal_DOB")).click();
Select s5= new Select(w.findElement(By.className("ui-datepicker-month")));
s5.selectByValue("6");
Select s6= new Select(w.findElement(By.className("ui-datepicker-year")));
s6.selectByValue("1985"); w.findElement(By.linkText("10")).click();
w.findElement(By.id("btnSave")).click();
```

OrangeHRM

← → ↻ 🔒 opensource-demo.orangehrmlive.com/index.php/pim/viewPersonalDetails/empNumber/79 🔑 ☆ 🔄 ⚙️ ⚠️

ConfigurationEmployee ListAdd EmployeeReports

Sayali test



Personal Details

Contact Details

Emergency Contacts

Dependents

Immigration

Job

Salary

Tax Exemptions

Report-to

Qualifications

Personal Details

Full Name

* First Name

Sayali

Middle Name* Last Name

test

Employee Id

333333

Other Id

Driver's License NumberLicense Expiry Date

yyyy-mm-dd📅

SSN NumberSIN Number

Gender

☐ Male ☐ Female

Marital Status

-- Select --

Nationality

-- Select --

Date of Birth

yyyy-mm-dd📅

Nick NameSmoker

☐


Military Service


* Required field

Save

Activate Windows
Go to Settings to activate Windows.

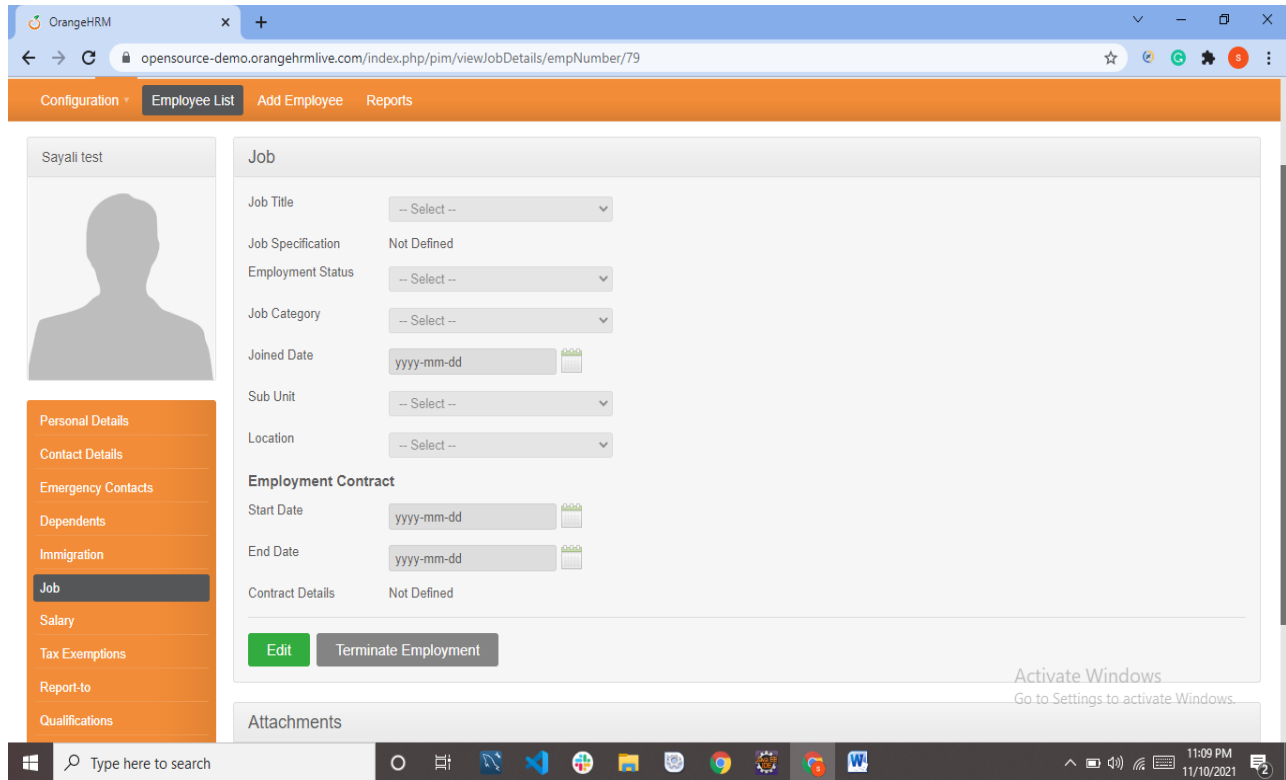
🏠 🔍 Type here to search



 11:06 PM
11/10/2021 🔔

TC68-To Check the functionality of job link in personal information

```
w.findElement(By.linkText("Job")).click();
```



TC69-To check the functionality of Edit Button in job section of personal information

```
w.findElement(By.id("btnSave")).click();
```

The screenshot displays the OrangeHRM web application interface. The browser's address bar shows the URL: `opensource-demo.orangehrmlive.com/index.php/pim/viewJobDetails/empNumber/79`. The application's top navigation bar includes links for Configuration, Employee List, Add Employee, and Reports. The left sidebar contains a list of navigation options: Personal Details, Contact Details, Emergency Contacts, Dependents, Immigration, Job (highlighted), Salary, Tax Exemptions, Report-to, and Qualifications. The main content area is titled 'Job' and contains the following fields:

- Job Title: -- Select --
- Job Specification: Not Defined
- Employment Status: -- Select --
- Job Category: -- Select --
- Joined Date: yyyy-mm-dd
- Sub Unit: -- Select --
- Location: -- Select --

Below these fields is the 'Employment Contract' section, which includes:

- Start Date: yyyy-mm-dd
- End Date: yyyy-mm-dd
- Contract Details: Not Defined

At the bottom of the job details section, there are two buttons: 'Edit' (highlighted in green) and 'Terminate Employment'. The Windows taskbar at the bottom shows the search bar, task view button, and several application icons. The system clock indicates the time is 11:09 PM on 11/10/2021.

TC70-To check the functionality of Save Button in job section of personal information

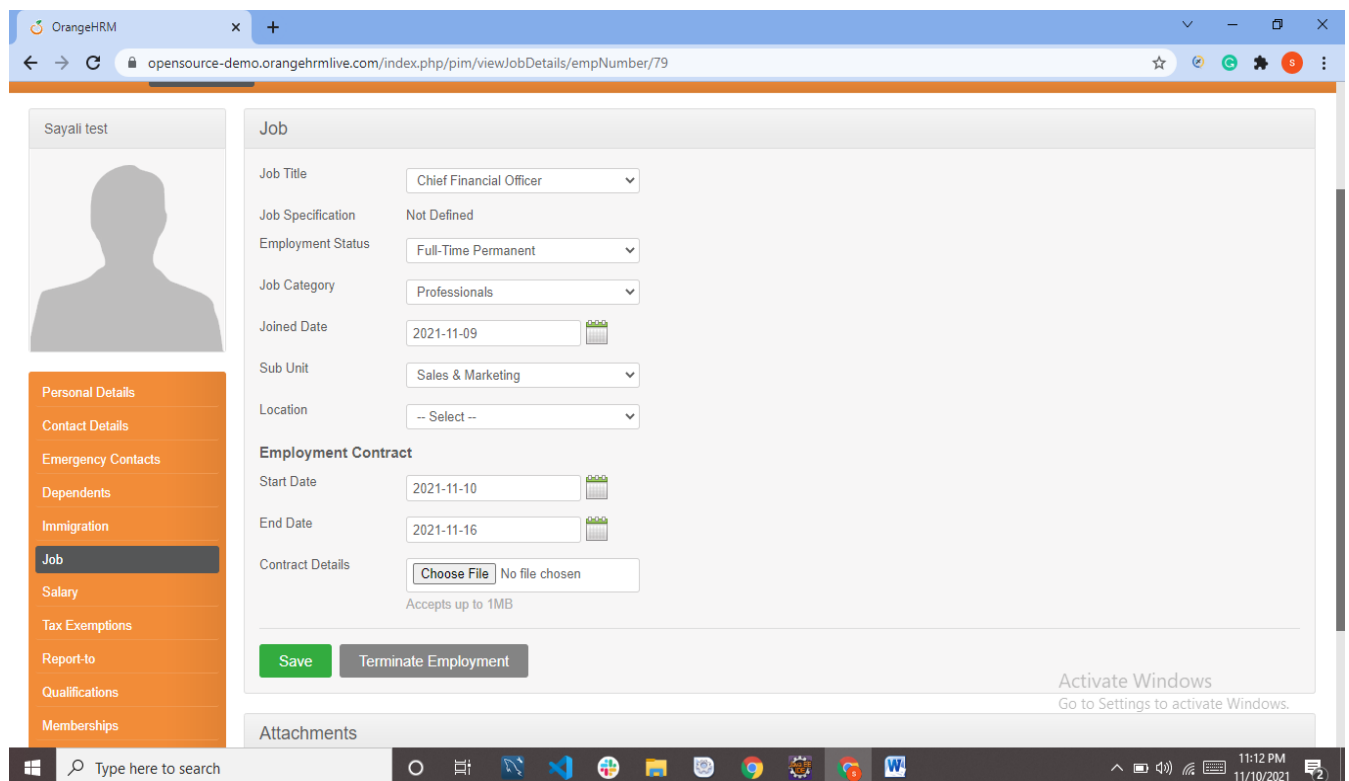
```
Select s7= new Select(w.findElement(By.id("job_job_title")));  
s7.selectByValue("3");
```

```
Select s8= new Select(w.findElement(By.id("job_emp_status")));  
s8.selectByValue("3");
```

```
Select s9= new Select(w.findElement(By.id("job_eeo_category")));  
s9.selectByValue("1");
```

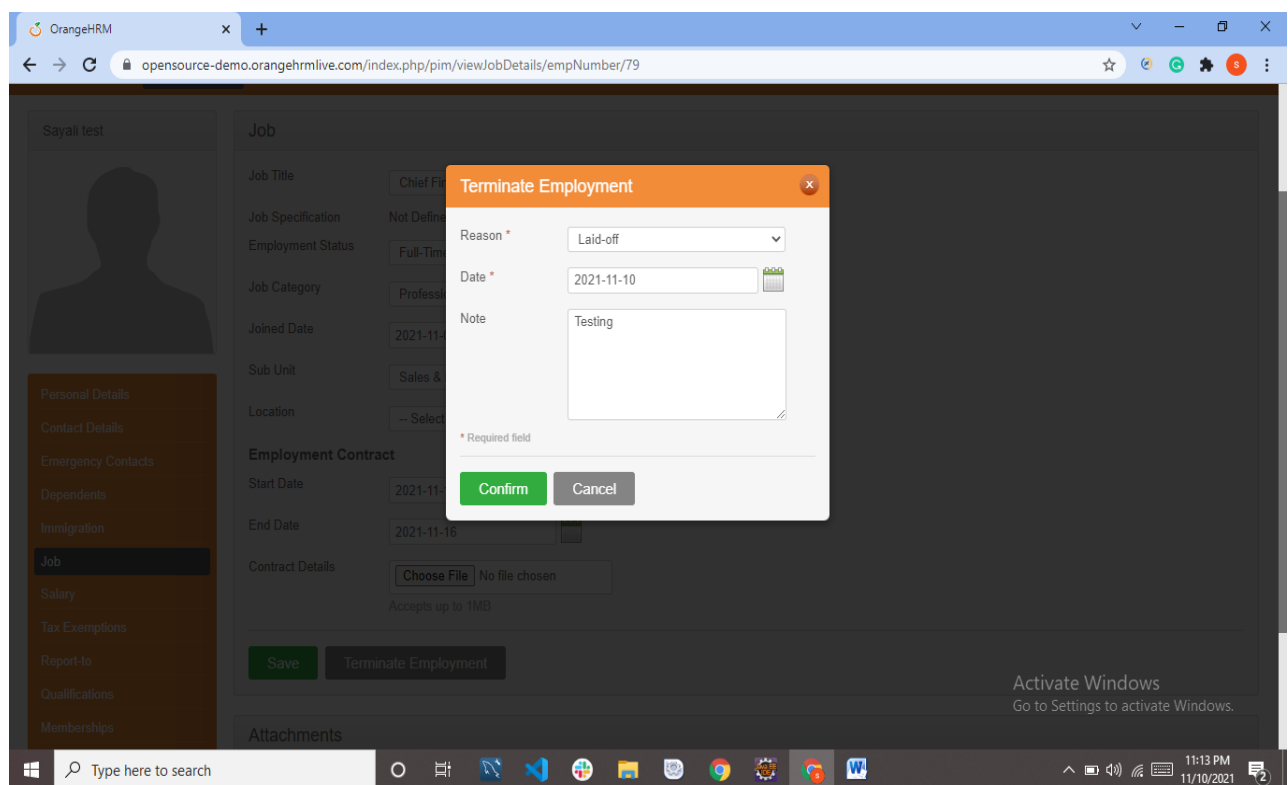
```
w.findElement(By.id("job_joined_date")).click();  
Select s10= new Select(w.findElement(By.className("ui-datepicker-month")));  
s10.selectByValue("6");  
Select s11= new Select(w.findElement(By.className("ui-datepicker-year")));  
s11.selectByValue("2000");  
w.findElement(By.linkText("8")).click();
```

```
Select s12= new Select(w.findElement(By.id("job_sub_unit")));  
s12.selectByValue("12");  
Select s13= new Select(w.findElement(By.id("job_location")));  
s13.selectByValue("2");  
w.findElement(By.id("btnSave")).click();
```



TC71-To check the functionality of Terminate Button

```
w.findElement(By.id("btnTerminateEmployment")).click();  
Select s14= new Select(w.findElement(By.id("terminate_reason")));  
s14.selectByValue("5");  
w.findElement(By.id("terminate_note")).sendKeys("Tester is testing for practise");  
Thread.sleep(5000);  
w.findElement(By.id("dialogCancel")).click();
```



TC72-To check the functionality of Search Button in PMI module.

```
w.findElement(By.id("empsearch_employee_name_empName")).sendKeys("Sakshi  
Viraj Singh");  
w.findElement(By.id("empsearch_id")).sendKeys("10033"); //change  
this id with latest one  
Select s15= new Select(w.findElement(By.id("empsearch_employee_status")));  
s15.selectByValue("3");  
Select s16= new Select(w.findElement(By.id("empsearch_job_title")));  
s16.selectByValue("2");  
Select s17= new Select(w.findElement(By.id("empsearch_sub_unit")));  
s17.selectByValue("12");  
Thread.sleep(3000);  
w.findElement(By.id("searchBtn")).click();  
Thread.sleep(3000);
```

The screenshot displays the OrangeHRM web application interface. The top navigation bar includes links for Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, and Buzz. The main content area is titled 'Employee List' and contains a search form. The search form has the following fields:

- Employee Name: Type for hints...
- Id: Type Employee Id...
- Employment Status: All
- Include: Current Employees Only
- Supervisor Name: Type for hints...
- Job Title: All
- Sub Unit: All

Below the search form are 'Search' and 'Reset' buttons. The table below the search form shows a list of employees:

Id	First (& Middle) Name	Last Name	Job Title	Employment Status	Sub Unit	Supervisor
0279	Paul	Ack				
0002	Odie	Adalwin	Chief Technical Officer	Full-Time Permanent	Administration	John Smith
0007	Peter Mac	Anderson	Chief Financial Officer	Full-Time Probation	Administration	John Smith

TC73-To check the functionality of Reset Button

```
w.findElement(By.id("resetBtn")).click();
```

The screenshot shows the OrangeHRM web application interface. The browser address bar displays the URL: `opensource-demo.orangehrmlive.com/index.php/pim/viewEmployeeList`. The page header includes the OrangeHRM logo and navigation tabs: Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, and Buzz. The PIM tab is active, and the sub-tab 'Employee List' is selected. The main content area is titled 'Employee Information' and contains search filters for Employee Name, Id, Employment Status, Supervisor Name, Job Title, Sub Unit, and Include. The 'Reset' button is visible below the filters. Below the filters, there are 'Add' and 'Delete' buttons, and a table listing employees. The table has columns: Id, First (& Middle) Name, Last Name, Job Title, Employment Status, Sub Unit, and Supervisor. The table shows three employees: 0279 Paul Ack, 0002 Odis Adalwin, and 0007 Peter Mac Anderson. The Windows taskbar at the bottom shows the time as 6:25 PM on 11/10/2021.

Employee Information

Employee Name: Type for hints... Id: Type Employee Id... Employment Status: All Include: Current Employees Only

Supervisor Name: Type for hints... Job Title: All Sub Unit: All

Search Reset

Add Delete 1-50 of 58 1 2

Id	First (& Middle) Name	Last Name	Job Title	Employment Status	Sub Unit	Supervisor
0279	Paul	Ack				
0002	Odis	Adalwin	Chief Technical Officer	Full-Time Permanent	Administration	John Smith
0007	Peter Mac	Anderson	Chief Financial Officer	Full-Time Probation	Administration	John Smith

TC74-To check the functionality of optional field link in configuration dropdown

```
a.moveToElement(w.findElement(By.linkText("Configuration"))).build().perform();
```

```
w.findElement(By.linkText("Optional Fields")).click();
```

The screenshot shows the OrangeHRM web application interface. The browser address bar displays the URL: `opensource-demo.orangehrmlive.com/index.php/pim/viewEmployeeList`. The OrangeHRM logo is visible in the top left corner. The top navigation bar includes links for Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, and Buzz. The PIM tab is currently selected. Below the navigation bar, the Configuration dropdown menu is open, showing options: Optional Fields, Custom Fields, Data Import, Reporting Methods, and Termination Reasons. The main content area displays a search form with fields for Id, Employment Status, Include, Job Title, and Sub Unit. Below the search form, there is a table with columns: Id, First (& Middle) Name, Last Name, Job Title, Employment Status, Sub Unit, and Supervisor. The table contains two rows of data. The bottom of the screenshot shows the Windows taskbar with the search bar and system tray.

Id	First (& Middle) Name	Last Name	Job Title	Employment Status	Sub Unit	Supervisor
0002	Odis	Adalwin	Chief Technical Officer	Full-Time Permanent	Administration	John Smith
0007	Peter Mac	Anderson	123job	Full-Time Probation	Administration	John Smith

TC75-To check the functionality of Edit Button in optional fields

```
w.findElement(By.id("btnSave")).click();
```

OrangeHRM
OPEN SOURCE HR MANAGEMENT

Marketplace [Subscribe](#) ? Welcome Paul

Admin **PIM** Leave Time Recruitment My Info Performance Dashboard Directory Maintenance Buzz

Configuration **Employee List** Add Employee Reports

Configure PIM

Show Deprecated Fields

☒ Show Nick Name, Smoker and Military Service in Personal Details

Country Specific Information

☒ Show SSN field in Personal Details

☒ Show SIN field in Personal Details

☒ Show US Tax Exemptions menu

[Edit](#)

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Activate Windows
Go to Settings to activate Windows.

Type here to search

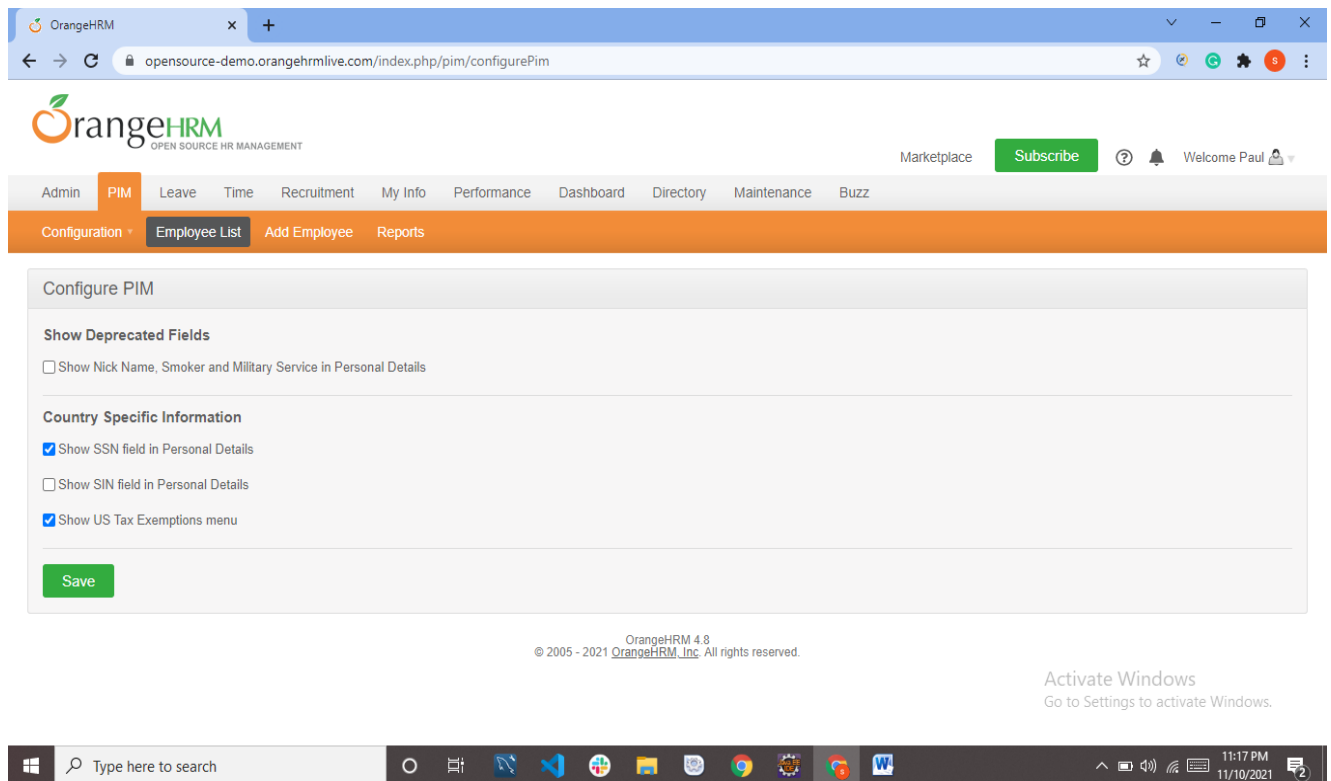
11:17 PM
11/10/2021

TC76-To check the functionality of Save Button in optional field

```
w.findElement(By.id("configPim_chkShowSSN")).click();
```

```
w.findElement(By.id("configPim_chkDeprecateFields")).click();
```

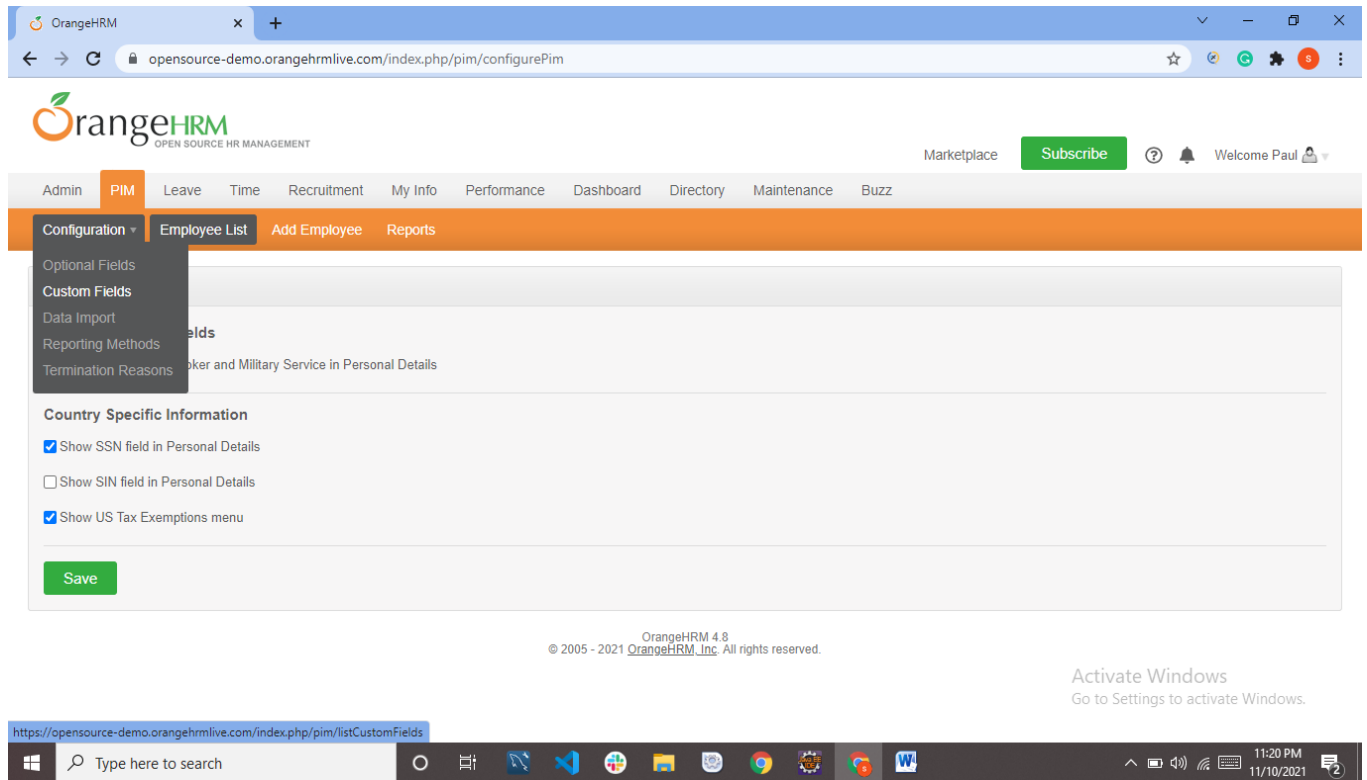
```
w.findElement(By.id("btnSave")).click();
```



TC77-To check the functionality of Custom Fields link in Configuration dropdown .

```
a.moveToElement(w.findElement(By.linkText("Configuration"))).build().perform();
```

```
w.findElement(By.linkText("Custom Fields")).click();
```



TC78-To check the functionality of Add Button in custom fields

```
w.findElement(By.id("buttonAdd")).click();
```

OrangeHRM
OPEN SOURCE HR MANAGEMENT

Marketplace [Subscribe](#) ? Welcome Paul

Admin **PIM** Leave Time Recruitment My Info Performance Dashboard Directory Maintenance Buzz

Configuration **Employee List** Add Employee Reports

Defined Custom Fields

[Add](#) [Delete](#) Remaining number of custom fields: 9

<input type="checkbox"/>	Custom Field Name	Screen	Field Type
<input type="checkbox"/>	jbon.sijon	Personal Details	Text or Number

OrangeHRM 4.8
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Activate Windows
Go to Settings to activate Windows.

Type here to search

11:22 PM
11/10/2021

TC79-To check the functionality of Save Button in custom fields

```
w.findElement(By.id("customField_name")).sendKeys("Age");  
Select s18= new Select(w.findElement(By.id("customField_screen")));  
s18.selectByValue("personal")  
Select s19= new Select(w.findElement(By.id("customField_type")));  
s19.selectByValue("0");  
w.findElement(By.id("btnSave")).click();
```

The screenshot shows the OrangeHRM web application interface. The top navigation bar includes the OrangeHRM logo, a 'Marketplace' link, a 'Subscribe' button, and a user profile 'Welcome Paul'. The main navigation menu has tabs for Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, and Buzz. The sub-navigation menu under PIM includes Configuration, Employee List, Add Employee, and Reports.

The 'Add Custom Field' form is displayed with the following fields:

- Field Name *: Age
- Screen *: Personal Details
- Type *: Text or Number

Below the form are 'Save' and 'Cancel' buttons. A note indicates that fields marked with an asterisk are required.

Below the form is a table titled 'Defined Custom Fields':

Custom Field Name	Screen	Field Type
Jhon si jon	Personal Details	Text or Number

The bottom of the screenshot shows the Windows taskbar with the search bar, task view button, and various application icons. The system clock shows 11:22 PM on 11/10/2021.

TC80-To check the functionality of Termination link

`w.findElement(By.linkText("Termination Reasons")).click();`

The screenshot displays the OrangeHRM web application interface. The browser address bar shows the URL: `opensource-demo.orangehrmlive.com/index.php/pim/listCustomFields`. The application header includes the OrangeHRM logo, navigation tabs (Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, Buzz), and a user profile section with the name "Welcome Paul".

The main content area is titled "Configuration" and includes a sub-menu with options: "Optional Fields", "Custom Fields", "Data Import", "Reporting Methods", and "Termination Reasons". The "Termination Reasons" option is selected, leading to a configuration form. The form contains a text input field labeled "Age", a dropdown menu labeled "Personal Details", and a dropdown menu labeled "Text or Number". A "Save" button and a "Cancel" button are located at the bottom of the form.

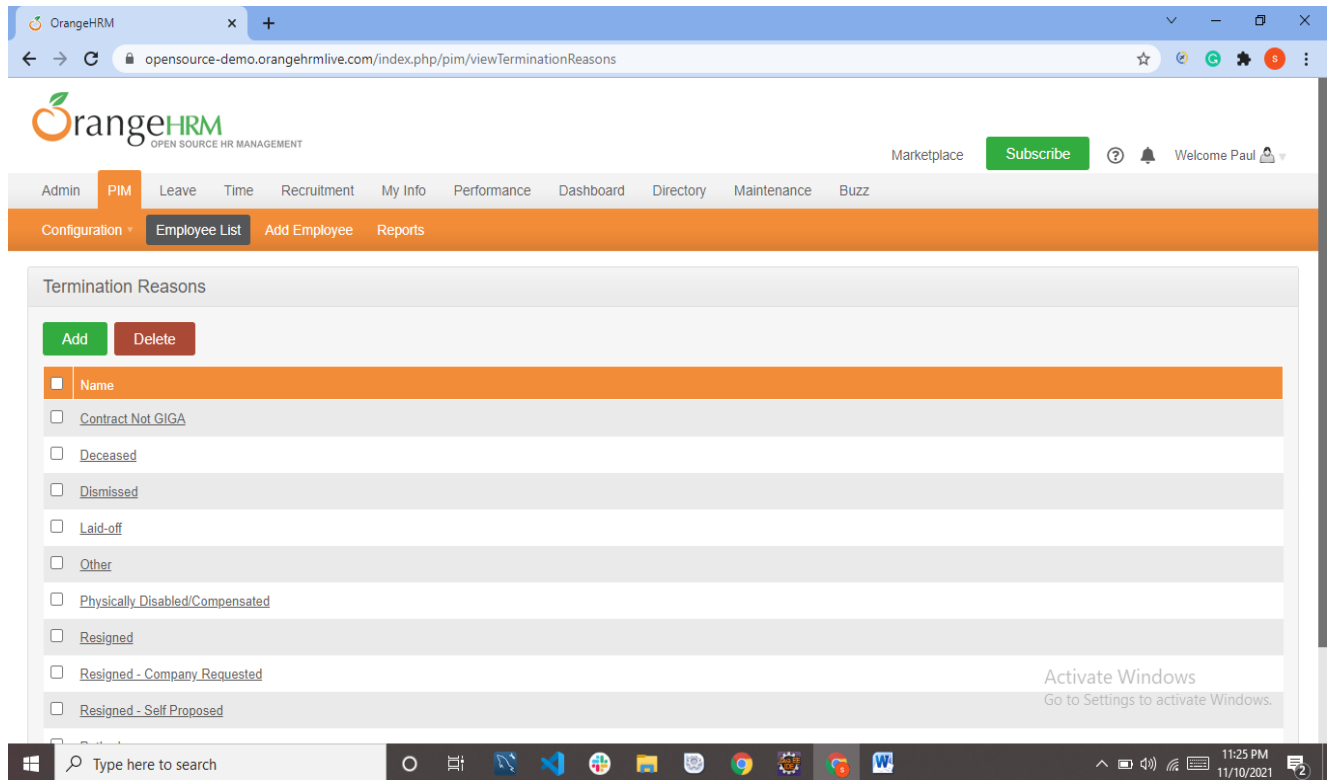
Below the configuration form, there is a section titled "Defined Custom Fields" which contains a table with the following data:

Custom Field Name	Screen	Field Type
jhon si jon	Personal Details	Text or Number

The bottom of the screenshot shows the Windows taskbar with the search bar and various application icons. The system clock indicates the time is 11:24 PM on 11/10/2021.

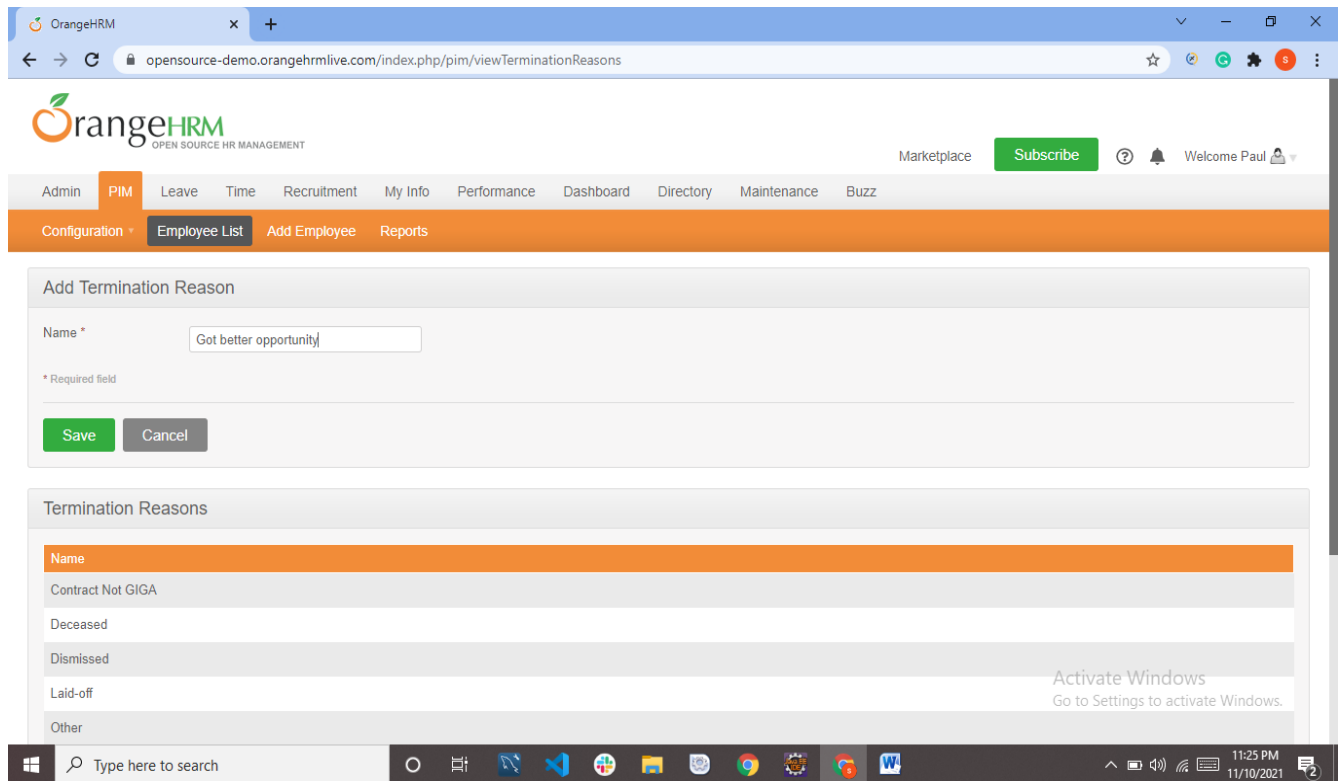
TC81-To Check the Functionality of Add termination reason Button

`w.findElement(By.id("btnAdd")).click();`



TC82-To check the functionality of Save termination reason Button

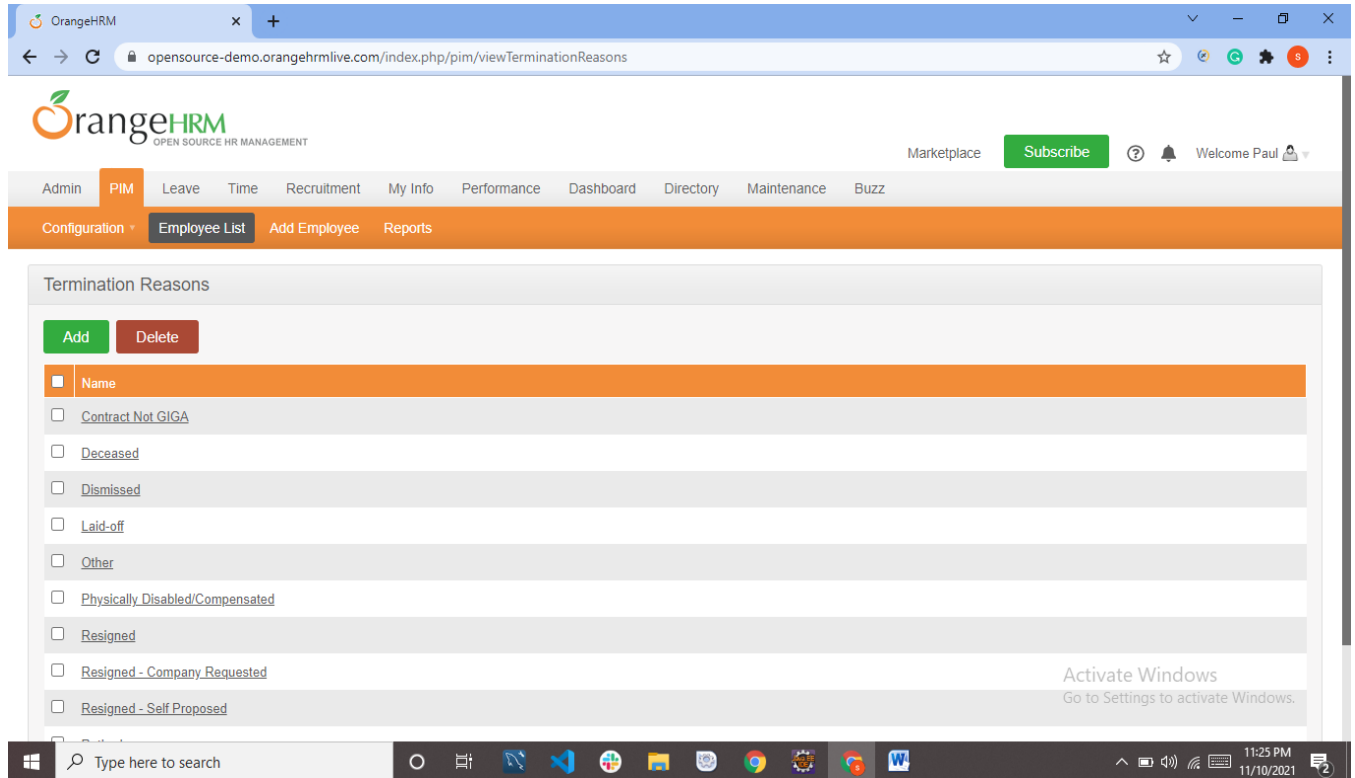
```
w.findElement(By.id("terminationReason_name")).sendKeys("AA Testing  
OrangeHRM22");  
w.findElement(By.id("btnSave")).click();
```



TC83-To check the functionality of Delete Termination reason Button

```
w.findElement(By.xpath("/html/body/div[1]/div[3]/div[2]/div[2]/form/table/tbody/tr[11]/td[1]/input")).click();
```

```
w.findElement(By.id("btnDel")).click();
```



TC84-To Check the Functionality of Report Button

```
w.findElement(By.id("menu_core_viewDefinedPredefinedReports")).click();
```

The screenshot displays the OrangeHRM web application interface. The browser address bar shows the URL: `opensource-demo.orangehrmlive.com/index.php/core/viewDefinedPredefinedReports/reportGroup/3/reportType/PIM_DEFINED`. The application header includes the OrangeHRM logo, navigation tabs (Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, Buzz), and a top bar with links for Configuration, Employee List, Add Employee, and Reports. The Reports section is active, showing a search bar and a table of predefined reports.

Employee Reports

Report Name:

[Search](#) [Reset](#)

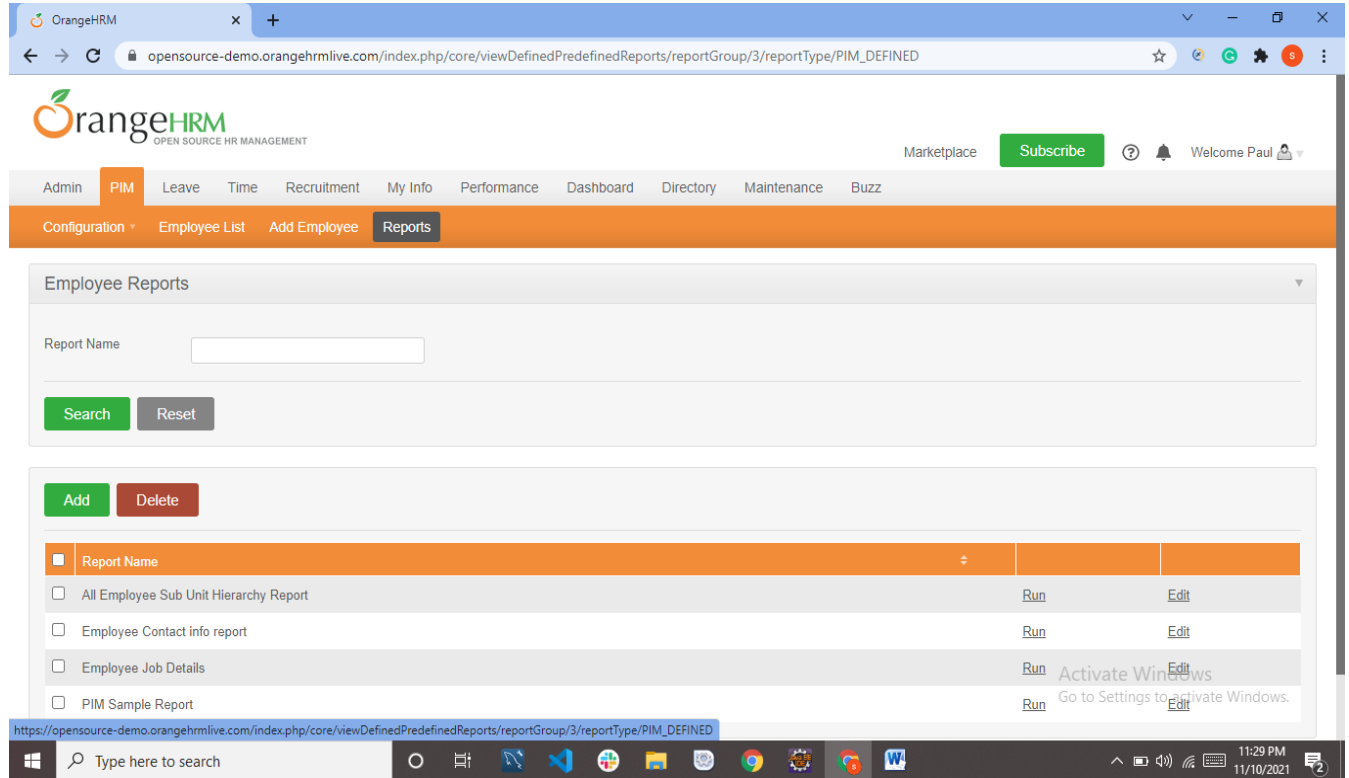
[Add](#) [Delete](#)

<input type="checkbox"/>	Report Name		
<input type="checkbox"/>	All Employee Sub Unit Hierarchy Report	Run	Edit
<input type="checkbox"/>	Employee Contact info report	Run	Edit
<input type="checkbox"/>	Employee Job Details	Run	Edit
<input type="checkbox"/>	PIM Sample Report	Run	Edit

Windows watermark: Activate Windows. Go to Settings to activate Windows.

TC85-To check the functionality Add report button

`w.findElement(By.id("btnAdd")).click();`

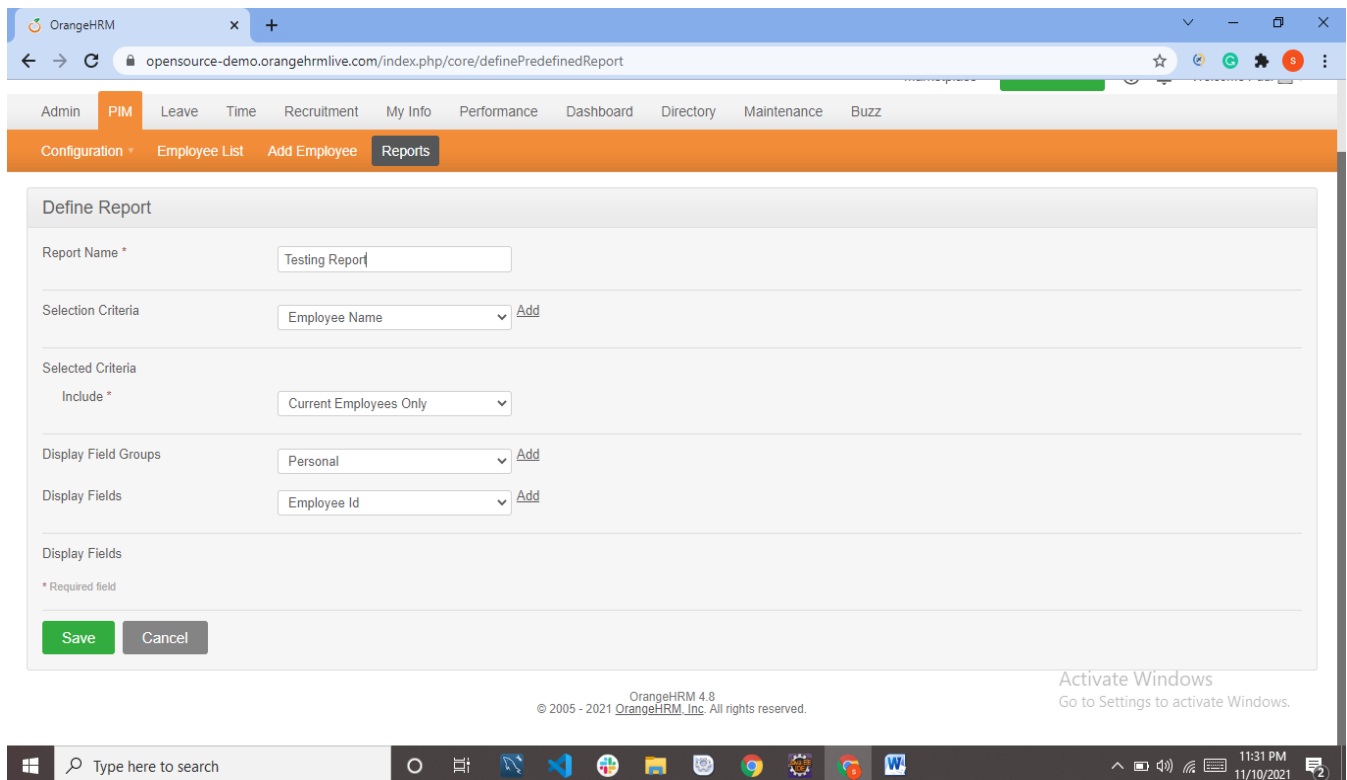


Defect:

Multiple reports with same name is accepted

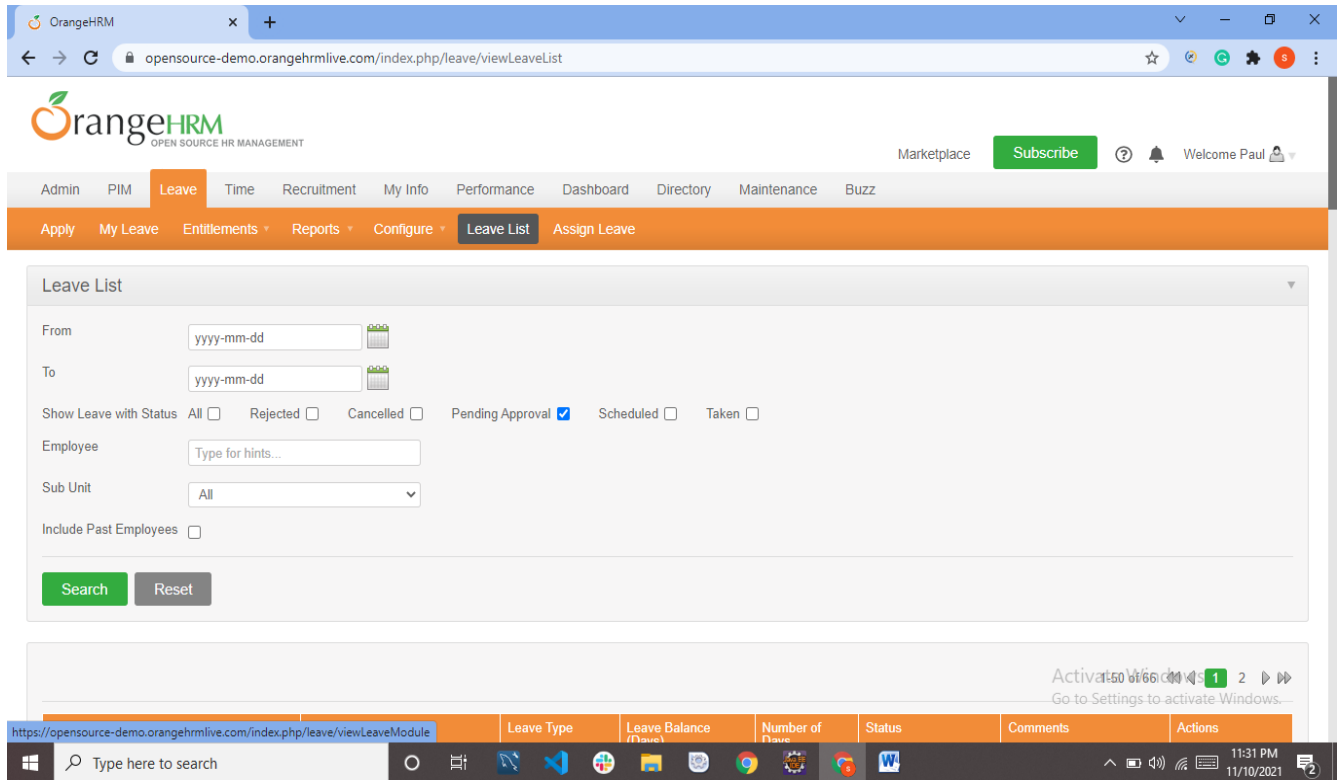
TC86-To check the functionality of Save Report Button

```
w.findElement(By.id("report_report_name")).sendKeys("Testing reports");  
Select s20= new Select(w.findElement(By.id("report_display_field_list")));  
s20.selectByValue("display_field_14");  
w.findElement(By.id("btnAddDisplayField")).click();  
w.findElement(By.id("display_group_1")).click();  
w.findElement(By.id("btnSave")).click();
```



TC87- To Check the functionality of Leave Button

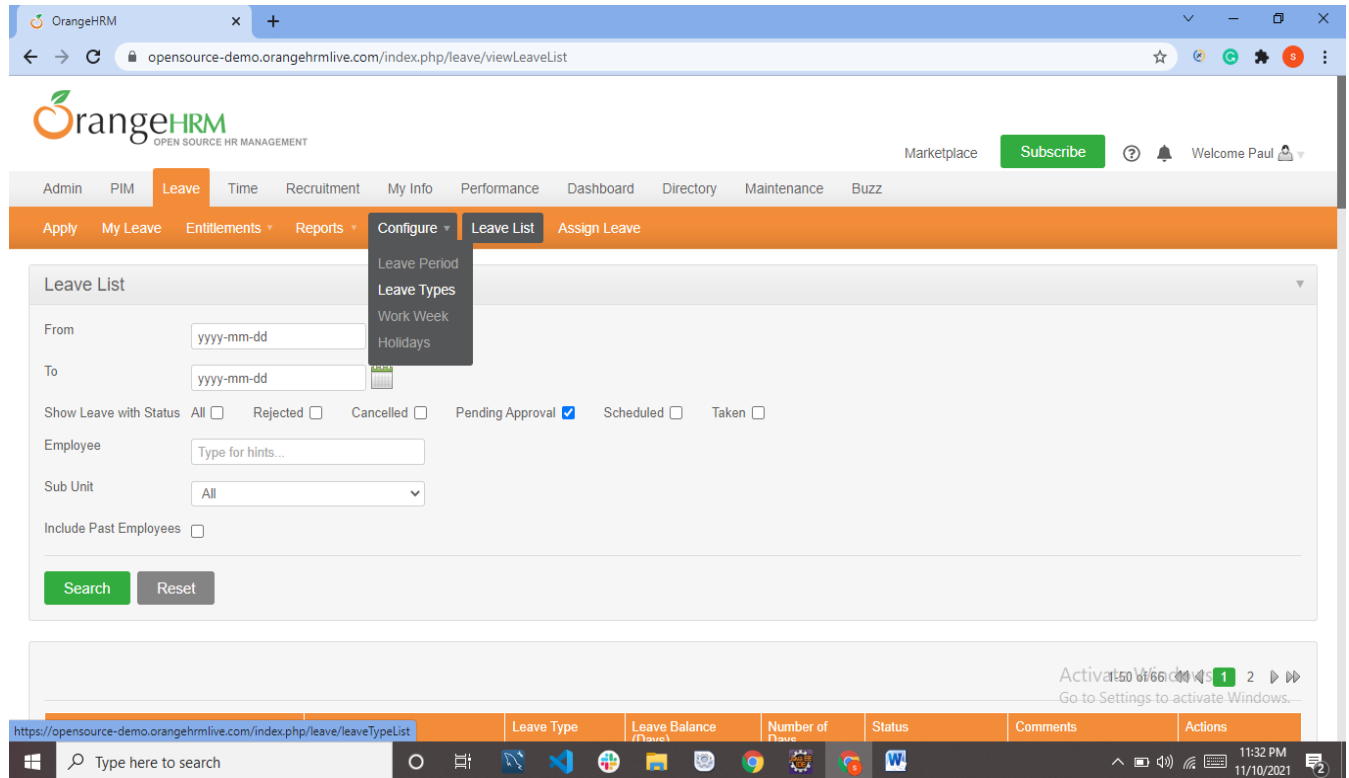
`w.findElement(By.id("menu_leave_viewLeaveModule")).click();`



TC88-To check the functionality of Leave Type link in Leave Configuration dropdown

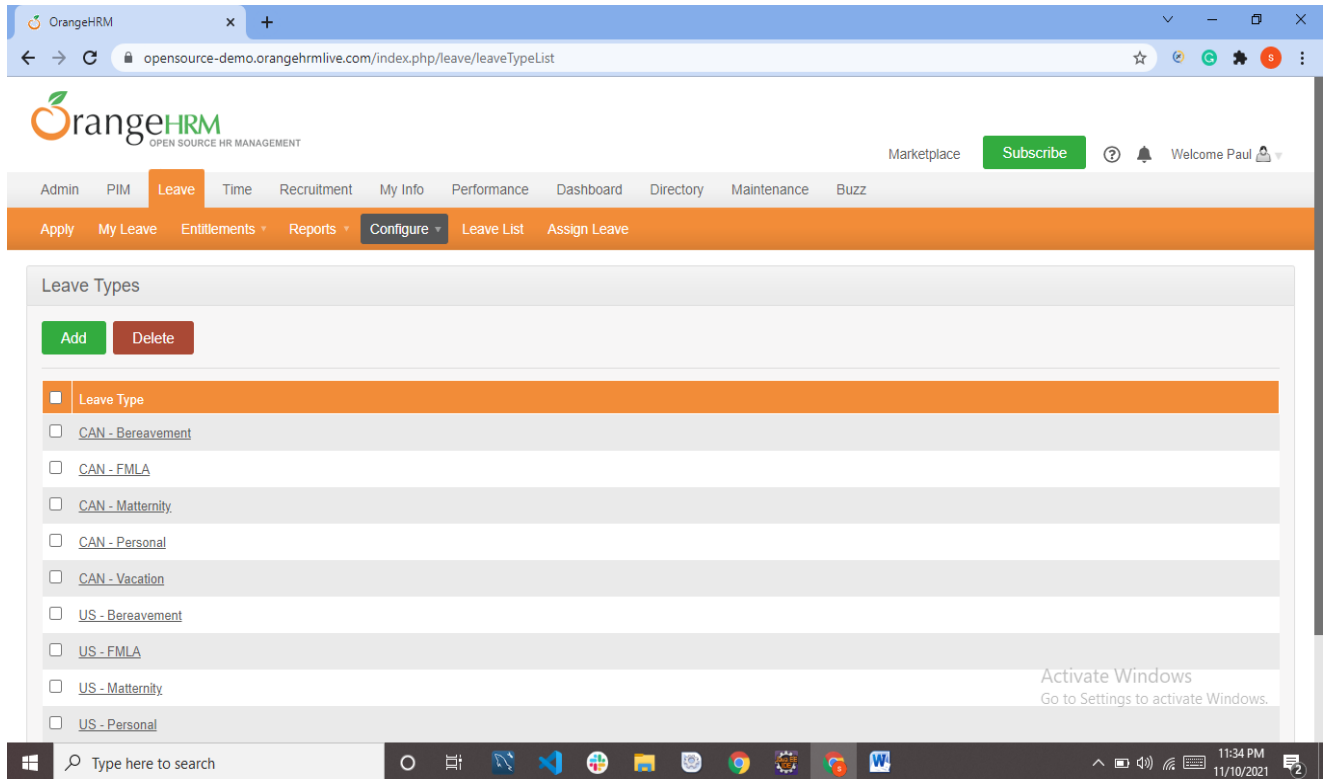
Thread.sleep(3000);

```
a.moveToElement(w.findElement(By.id("menu_leave_Configure"))).build().perform();  
w.findElement(By.linkText("Leave Types")).click();
```



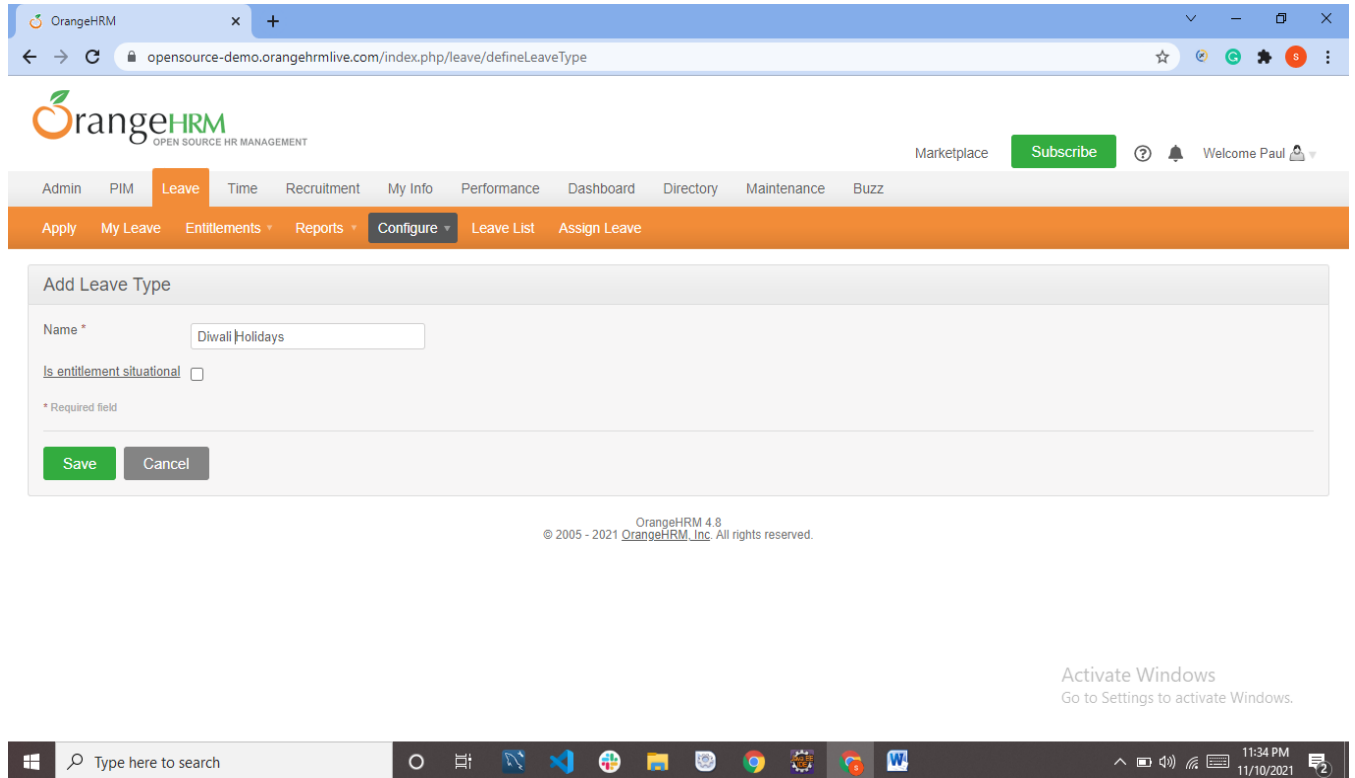
TC89-To check the functionality of Add Leave Type Button

`w.findElement(By.id("btnAdd")).click();`



TC90-To check the functionality of save Leave Type Button

```
w.findElement(By.id("leaveType_txtLeaveTypeName")).sendKeys("IND-holidays");  
w.findElement(By.id("leaveType_excludeIfNoEntitlement")).click();  
w.findElement(By.id("saveButton")).click();
```



TC91-To check the functionality of Work Week link in leave configuration dropdown

```
a.moveToElement(w.findElement(By.id("menu_leave_Configure"))).build().perform();  
w.findElement(By.linkText("Work Week")).click();
```

The screenshot displays the OrangeHRM web application interface. The browser address bar shows the URL: <https://opensource-demo.orangehrmlive.com/index.php/leave/viewLeaveList>. The application header includes the OrangeHRM logo, a 'Marketplace' link, a 'Subscribe' button, and a user profile 'Welcome Paul'. The main navigation bar contains links for Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, and Buzz. The 'Leave' menu is expanded, showing options: Apply, My Leave, Entitlements, Reports, Configure, Leave List, and Assign Leave. The 'Configure' dropdown menu is open, displaying 'Leave Period', 'Leave Types', 'Work Week', and 'Holidays'. The 'Leave List' form is visible, featuring input fields for 'From' and 'To' dates, checkboxes for 'Show Leave with Status' (All, Rejected, Cancelled, Pending Approval, Scheduled, Taken), an 'Employee' search field, a 'Sub Unit' dropdown, and an 'Include Past Employees' checkbox. Search and Reset buttons are at the bottom of the form. A Windows taskbar is visible at the bottom, showing the system clock as 11:32 PM on 11/10/2021.

TC92-To Check the functionality of Edit Work Week Button

```
w.findElement(By.id("saveBtn")).click();
```

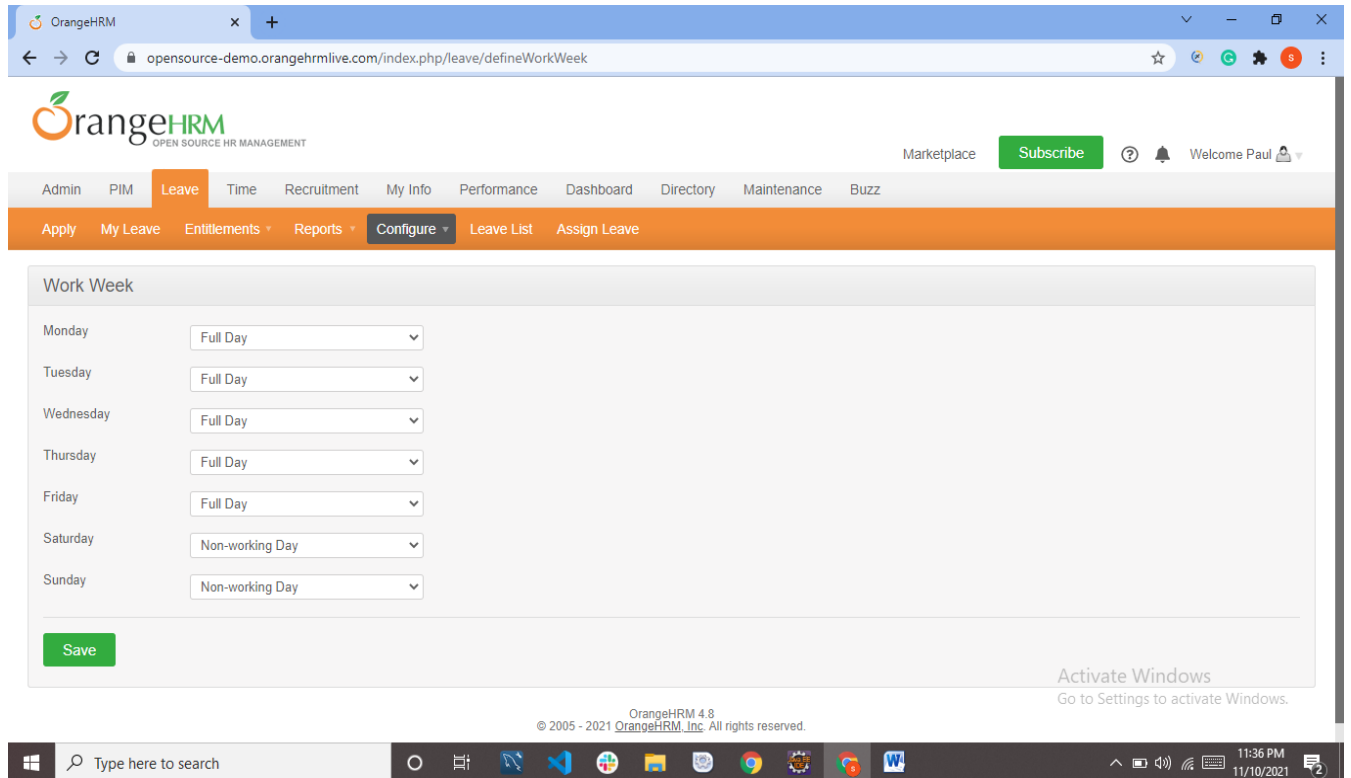
The screenshot displays the OrangeHRM web application interface. The browser address bar shows the URL: `opensource-demo.orangehrmlive.com/index.php/leave/defineWorkWeek`. The page title is "Work Week". The navigation menu includes "Admin", "PIM", "Leave", "Time", "Recruitment", "My Info", "Performance", "Dashboard", "Directory", "Maintenance", and "Buzz". The "Leave" menu is expanded, showing "Apply", "My Leave", "Entitlements", "Reports", "Configure", "Leave List", and "Assign Leave". The "Configure" option is selected. The main content area shows the "Work Week" configuration table with columns for the day of the week and the corresponding work status. The table is as follows:

Day	Work Status
Monday	Full Day
Tuesday	Full Day
Wednesday	Full Day
Thursday	Full Day
Friday	Full Day
Saturday	Non-working Day
Sunday	Non-working Day

Below the table is a green "Edit" button. At the bottom of the page, there is a copyright notice: "OrangeHRM 4.8 © 2005 - 2021 OrangeHRM, Inc. All rights reserved." and a watermark for "Activate Windows". The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the time 11:36 PM on 11/10/2021.

TC93- To check the functionality of Save Button

```
Select s01= new Select(w.findElement(By.id("WorkWeek_day_length_Saturday")));  
s01.selectByValue("4");  
w.findElement(By.id("saveBtn")).click();
```



TC94-To check the functionality of holidays link in leave configuration dropdown

```
a.moveToElement(w.findElement(By.id("menu_leave_Configure"))).build().perform();  
w.findElement(By.linkText("Holidays")).click();
```

The screenshot displays the OrangeHRM web application interface. The top navigation bar includes links for Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, and Buzz. The 'Leave' menu is expanded, showing options: Apply, My Leave, Entitlements, Reports, Configure, Leave List, and Assign Leave. The 'Configure' dropdown is open, revealing sub-options: Leave Period, Leave Types, Work Week, and Holidays. The 'Holidays' link is highlighted. Below the dropdown, the 'Leave List' form is visible, featuring input fields for 'From' and 'To' dates, checkboxes for 'Show Leave with Status' (All, Rejected, Cancelled, Pending Approval, Scheduled, Taken), an 'Employee' search field, a 'Sub Unit' dropdown, and an 'Include Past Employees' checkbox. Search and Reset buttons are at the bottom of the form. The bottom of the screen shows a Windows taskbar with the search bar and various application icons. A system tray notification at the bottom right indicates 'Activated Windows' and 'Go to Settings to activate Windows...'.

TC95-To check the functionality of Search Holidays Button

```
w.findElement(By.id("calFromDate")).click();  
Select s21= new Select(w.findElement(By.className("ui-datepicker-month")));  
s21.selectByValue("2");  
Select s22= new Select(w.findElement(By.className("ui-datepicker-year")));  
s22.selectByValue("2021");  
.findElement(By.linkText("1")).click();
```

```
w.findElement(By.id("calToDate")).click();  
Select s23= new Select(w.findElement(By.className("ui-datepicker-month")));  
s23.selectByValue("10");  
Select s24= new Select(w.findElement(By.className("ui-datepicker-year")));  
s24.selectByValue("2021");  
w.findElement(By.linkText("30")).click();  
w.findElement(By.id("btnSearch")).click();
```

TC96-To check the functionality of Leave List Button

```
w.findElement(By.linkText("Leave List")).click();
```

The screenshot shows the OrangeHRM web application interface. The browser address bar displays the URL: `opensource-demo.orangehrmlive.com/index.php/leave/viewLeaveList/reset/1`. The application header includes the OrangeHRM logo and navigation links: Admin, PIM, Leave (selected), Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, and Buzz. A secondary navigation bar contains: Apply, My Leave, Entitlements, Reports, Configure, Leave List (selected), and Assign Leave. The main content area is titled 'Leave List' and contains a search filter section with the following fields:

- From: 2021-01-01
- To: 2022-12-31
- Show Leave with Status: All (selected), Rejected, Cancelled, Pending Approval (checked), Scheduled, Taken
- Employee: Type for hints...
- Sub Unit: All
- Include Past Employees: ☐

Below the search filters are 'Search' and 'Reset' buttons. The table below displays the leave list:

Date	Employee Name	Leave Type	Leave Balance (Days)	Number of Days	Status	Comments	Create Window	Actions
2021-01-01 - 2021-01-31	Mangli Kulkarni	CAN - Vacation	4.00	2.00	Pending	Please accept		Select Action

The Windows taskbar at the bottom shows the system clock as 11:42 PM on 11/10/2021.

TC97-To Check the functionality of Search leave Button

```
w.findElement(By.id("leaveList_chkSearchFilter_checkboxgroup_allcheck")).click();  
w.findElement(By.id("btnSearch")).click();
```

The screenshot displays the OrangeHRM web application interface. The browser address bar shows the URL: `opensource-demo.orangehrmlive.com/index.php/leave/viewLeaveList/reset/1`. The application header includes the OrangeHRM logo, navigation tabs (Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, Buzz), and a top bar with a Marketplace link, a Subscribe button, and a user profile (Welcome Paul). The 'Leave' tab is active, and the 'Leave List' sub-tab is selected. Below the navigation bar, there is a search filter section with the following fields and options:

- From:
- To:
- Show Leave with Status: ☐ All, ☐ Rejected, ☐ Cancelled, ☒ Pending Approval, ☐ Scheduled, ☐ Taken
- Employee:
- Sub Unit:
- Include Past Employees: ☐

Below the search filters are two buttons: 'Search' and 'Reset'. The main content area displays a table of leave requests:

Date	Employee Name	Leave Type	Leave Balance (Days)	Number of Days	Status	Comments	Private Window	Actions
2021-01-01 to 2021-01-01	Mohit Kulkarni	CAN - Vacation	4.00	2.00	Pending	Please accept		Select Action

The Windows taskbar at the bottom shows the search bar with the text 'Type here to search' and the system clock indicating 11:42 PM on 11/10/2021.

TC98-To check the functionality of Leave Entitlement and usage reports link in report Button

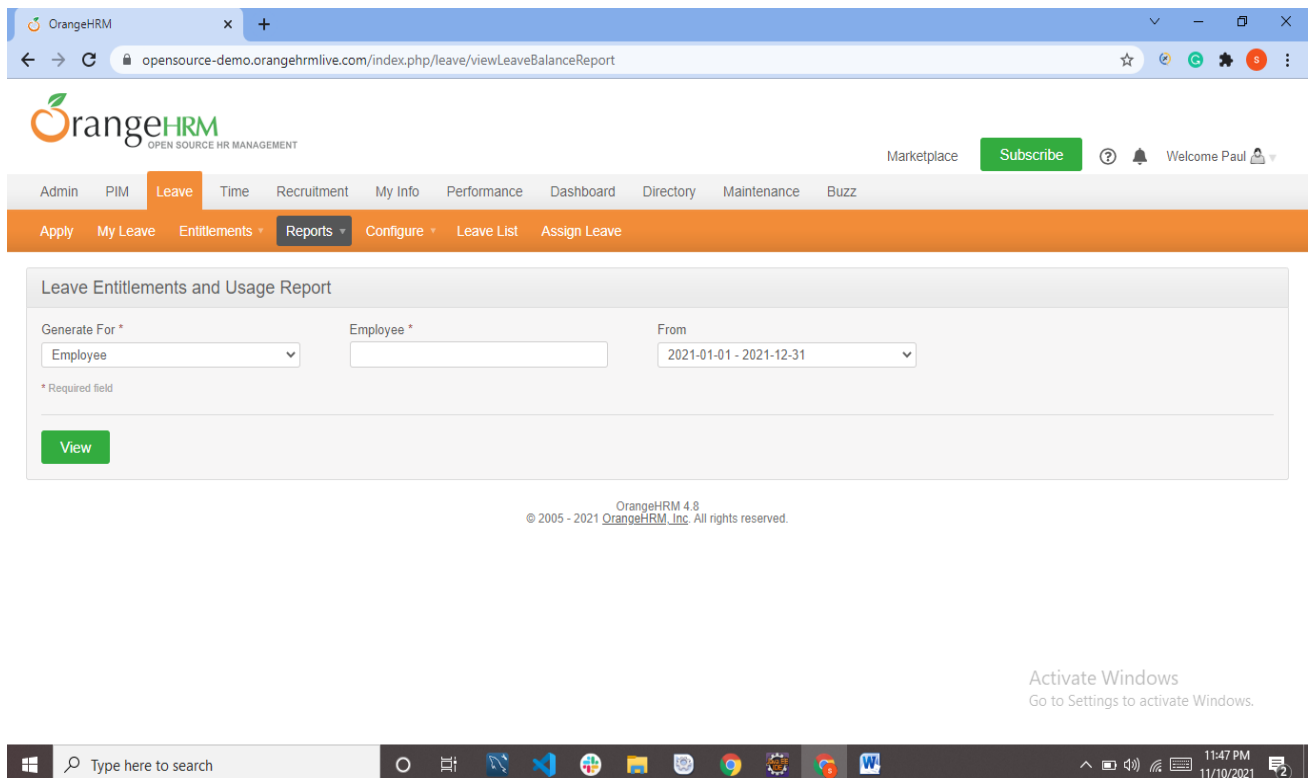
```
a.moveToElement(w.findElement(By.id("menu_leave_Reports"))).build().perform();
```

```
w.findElement(By.linkText("Leave Entitlements and Usage Report")).click();
```

The screenshot displays the OrangeHRM web application interface. The browser address bar shows the URL: <https://opensource-demo.orangehrmlive.com/index.php/leave/viewMyLeaveEntitlements/reset/1>. The application header includes the OrangeHRM logo and a navigation menu with options like Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, and Buzz. A secondary menu under 'Leave' includes Apply, My Leave, Entitlements, Reports, Configure, Leave List, and Assign Leave. The 'Entitlements' menu is currently open, showing a dropdown with 'Leave Entitlements and Usage Report' and 'My Leave Entitlements and Usage Report'. The main content area is titled 'My Leave Entitlements' and contains a search bar with 'Leave Type' (set to 'All') and 'Leave Period' (set to '2021-01-01 - 2021-12-31'). Below the search bar are 'Add' and 'Delete' buttons. A table with the following columns is shown: Leave Type, Entitlement Type, Valid From, Valid To, and Days. The table currently displays 'No Records Found'. The footer of the application includes the text 'OrangeHRM 4.8 © 2005 - 2021 OrangeHRM, Inc. All rights reserved.' and a Windows activation watermark.

TC99-To check the functionality of view button

```
Select s25= new Select(w.findElement(By.id("leave_balance_report_type")));  
Thread.selectByValue("2");  
Thread.sleep(3000);  
w.findElement(By.id("leave_balance_employee_empName")).sendKeys("Sania  
Shaheen");  
w.findElement(By.id("viewBtn")).click();  
Thread.sleep(3000);
```



Defect:

After entering valid employee name if user clicks on view button, it's showing employee name is required

TC100-To check the functionality of Add Entitlement link

```
a.moveToElement(w.findElement(By.id("menu_leave_Entitlements"))).build().perform();
```

```
w.findElement(By.linkText("Add Entitlements")).click();
```

```
Thread.sleep(3000);
```

The screenshot shows the OrangeHRM web application interface. The top navigation bar includes links for Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, and Buzz. The 'Leave' menu is expanded, showing 'Add Entitlements', 'Employee Entitlements', and 'My Entitlements'. The 'Add Entitlements' link is highlighted. Below the menu, the 'Leave List' page is displayed with search filters for 'From', 'To', 'Show Leave with Status', 'Employee', 'Sub Unit', and 'Include Past Employees'. A table of leave records is shown at the bottom.

Date	Employee Name	Leave Type	Leave Balance (Days)	Number of Days	Status	Comments	Actions
2024-04-20 to 2024-04-22	Murali Krishna	CAN - Vacation	4.00	2.00	Pending	Please accept	Select Action

TC101-To check the functionality of Save Entitlement button

```
w.findElement(By.id("entitlements_employee_empName")).sendKeys("Sania  
Shaheen");  
w.findElement(By.id("entitlements_entitlement")).sendKeys("50");  
Thread.sleep(3000);  
w.findElement(By.id("btnSave")).click();
```

The screenshot displays the OrangeHRM web application interface. The browser address bar shows the URL: `opensource-demo.orangehrmlive.com/index.php/leave/addLeaveEntitlement`. The application header includes the OrangeHRM logo, navigation tabs (Admin, PIM, Leave, Time, Recruitment, My Info, Performance, Dashboard, Directory, Maintenance, Buzz), and a user profile section with a 'Subscribe' button and the text 'Welcome Paul'. The 'Leave' tab is active, and the 'Entitlements' sub-tab is selected. The main content area is titled 'Add Leave Entitlement' and contains the following form fields:

- Add to Multiple Employees:** A checkbox that is currently unchecked.
- Employee *:** A text input field containing 'Sania Shaheen'.
- Leave Type *:** A dropdown menu with 'CAN - Bereavement' selected.
- Leave Period *:** A date range selector showing '2021-01-01 - 2021-12-31'.
- Entitlement *:** A text input field containing '50'.

A legend indicates that an asterisk (*) denotes a required field. At the bottom of the form are 'Save' and 'Cancel' buttons. The footer of the application shows 'OrangeHRM 4.8' and '© 2005 - 2021 OrangeHRM, Inc. All rights reserved.'.

Defect:

After entering valid employee name if user clicks on save button, it's showing employee name is required

Defect Reporting On JIRA

The screenshot displays the Jira Software interface for a project named 'Agileproject'. The 'Backlog' view is active, showing a list of issues under the 'AG Sprint 2' (21 Oct – 28 Oct) with 5 issues. The issues are:

- AG-6: With same full name, Employee id, Username employee is get added. (ORANGEHRM PMI MODULE)
- AG-7: Multiple reports with same name is accepted (ORANGEHRM PMI MODULE)
- AG-8: After entering valid employee name if user clicks on view button, it's showing employee name is ... (ORANGEHRM LEAVE MODULE)
- AG-9: In add leave entitlement After entering valid employee name if user clicks on save button, it's sh... (ORANGEHRM LEAVE MODULE)
- AG-10: Search Result is not working sometimes in PMI module (ORANGEHRM PMI MODULE)

Each issue has a 'TO DO' status and a 'SK' (Assignee) button. The interface includes a sidebar with navigation options like Roadmap, Backlog, Board, Code, Project pages, Add shortcut, and Project settings. The bottom of the screen shows the Windows taskbar with the time 11:47 AM on 11/12/2021.