

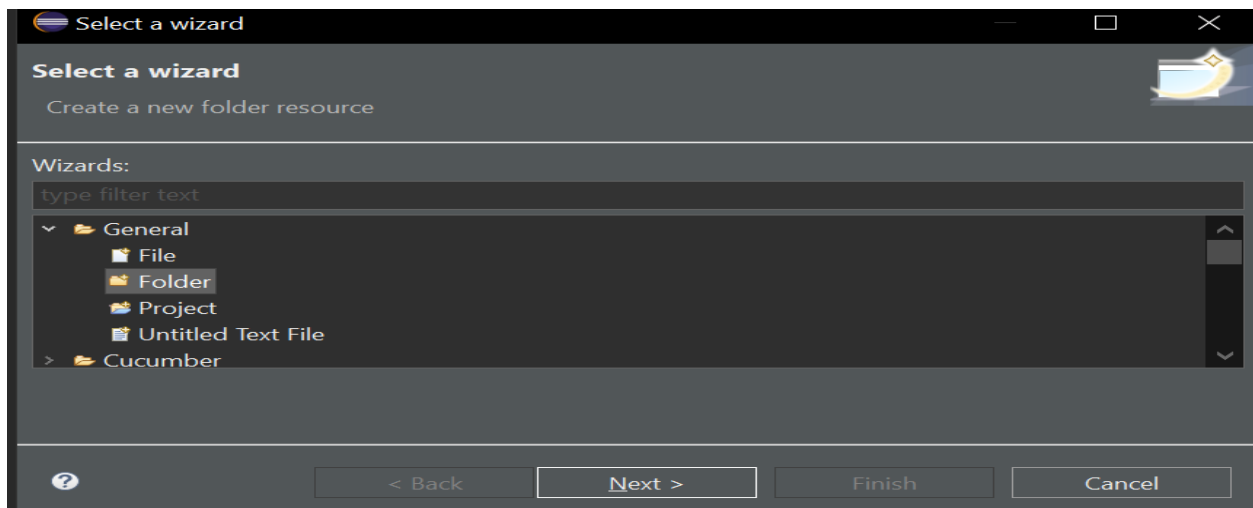
# **Steps to JAVA Selenium Projects**

Automation Testing Stream

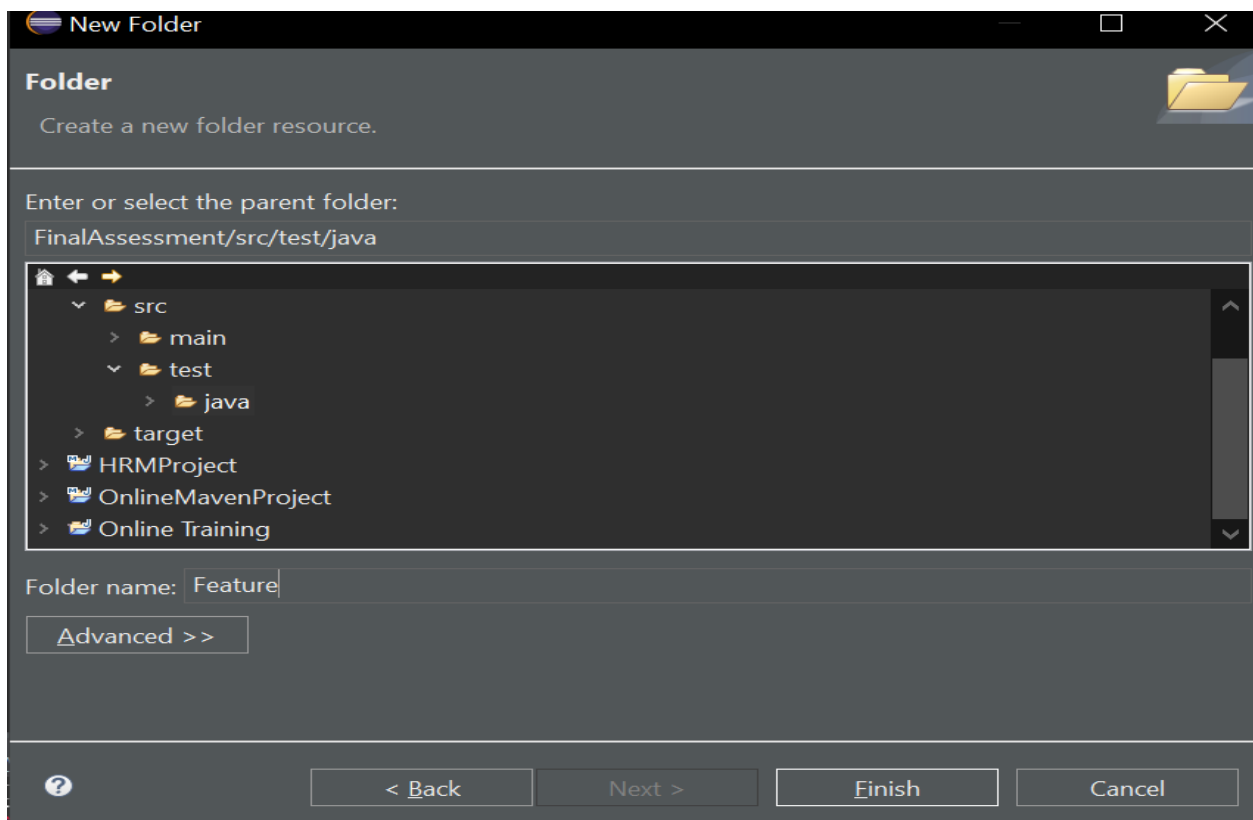
**NAME- KRITTIKA AGRAWAL**

**CONTENTS- Cucumber Framework**

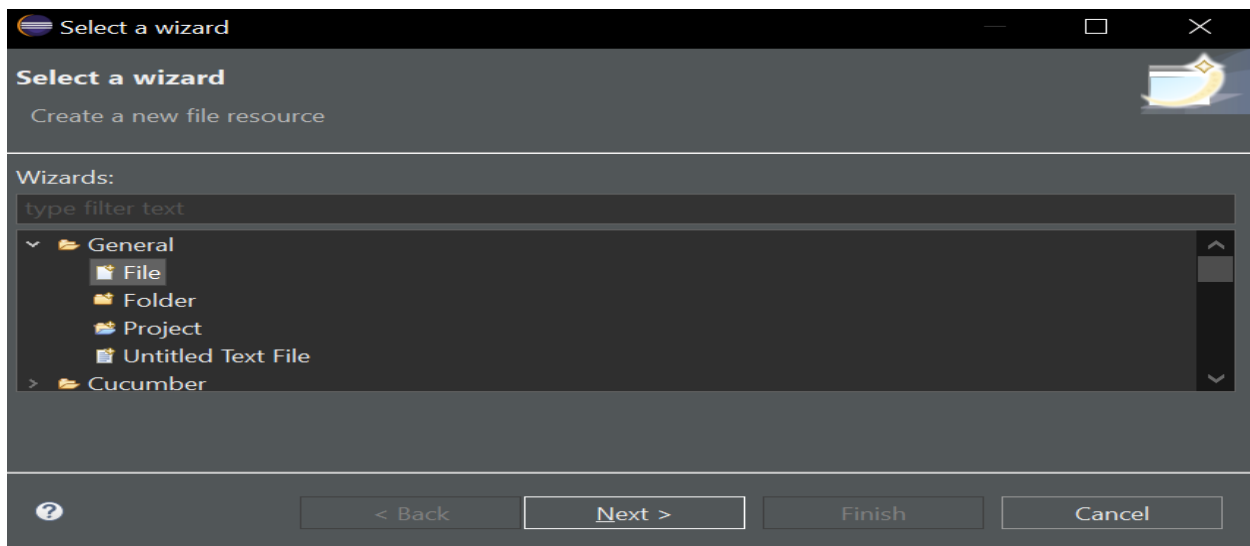
**Step-1:** Created Folder and click on Next.



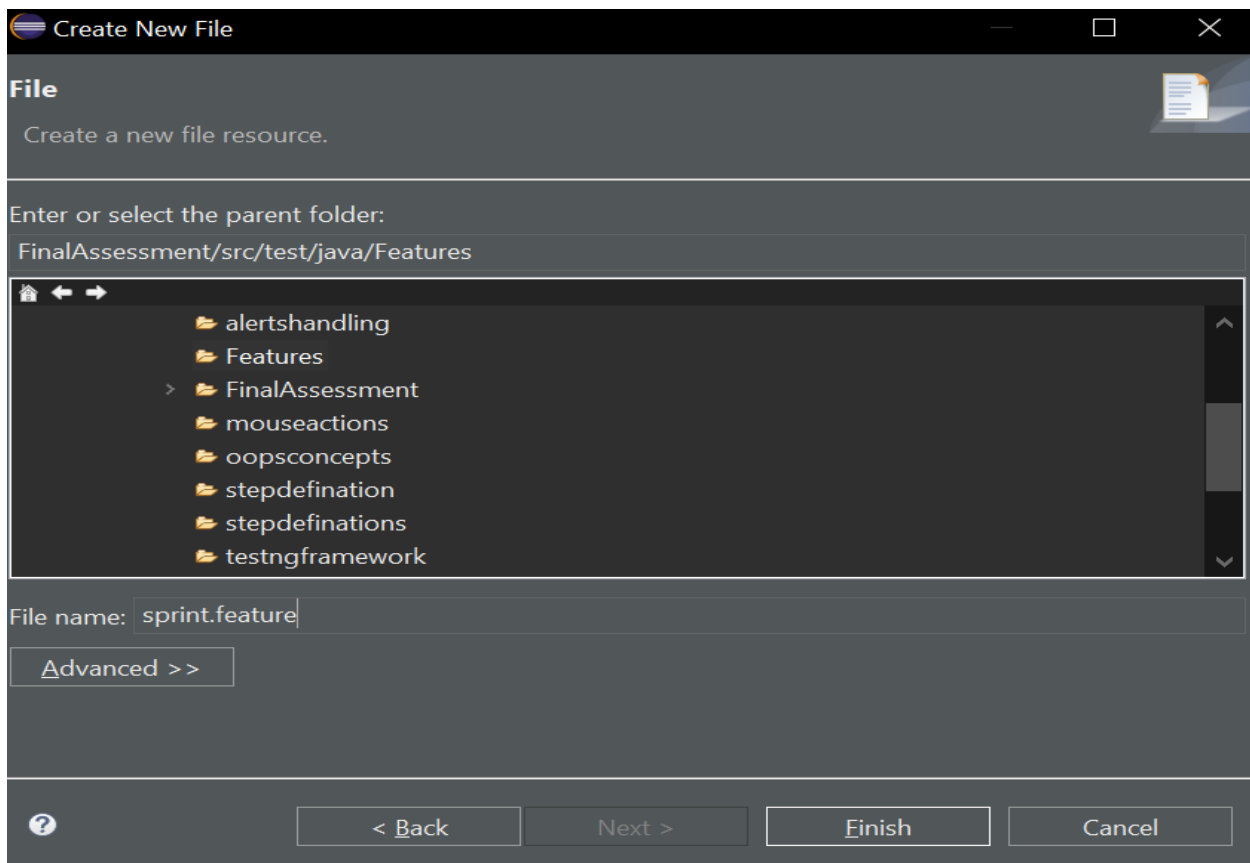
**Step-2:** Created Folder- "Features".



**Step-3:** Created File and click on Next.

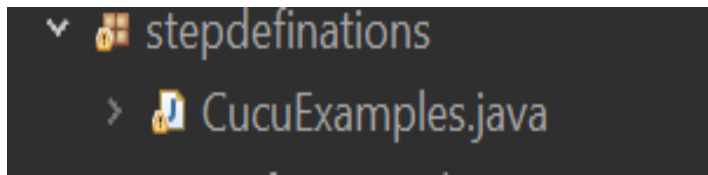


**Step-4:** Created File and name it with .feature at end. And finally, click on Finish.



**.Feature file is the file name conventionally used to add cucumber features & scenarios.**

**Step-5:** Created Classes for Package- “stepdefinitions”.



StepDefinitions is the folder name conventionally used to add cucumber code-java classes.

**Step-6:** Code for feature file-“login.feature”.

```
CucuExamples.java  login.feature x
1 @tag
2 Feature: HRM Login Test Case and Apply Leave and Perform Search using Method Overloading
3
4 @tag1
5 Scenario: User is able to login with valid user id and password
6   Given browser is open and application is in login page
7   When user enters user name and password
8   Then home page is displayed
9
10 @tag2
11 Scenario: User Applies for Leave
12   Given user apply for leave
13   When leave is applied by user
14   Then Leave Applied
15
16 @tag3
17 Scenario: User Searches for people
18   Given User goes on Admin Page
19   Then User enters the fields
```

**Step-7:** Code for HRM Login.

```
1 package stepdefinitions;
2 import java.util.concurrent.TimeUnit;
11 public class CucuExamples {
12     private static WebDriver driver = null;
13     @Given("browser is open and application is in login page")
14     public void browser_is_open_and_application_is_in_login_page() {
15         System.setProperty("webdriver.chrome.driver", "C:\\Krittika\\chromedriver.exe");
16         driver = new ChromeDriver();
17         driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
18     }
19     @When("user enters user name and password")
20     public void user_enters_user_name_and_password() {
21         driver.manage().timeouts().implicitlyWait(1000, TimeUnit.MILLISECONDS);
22         driver.findElement(By.xpath("//div/input[@name = 'username']")).sendKeys("Admin");
23         driver.findElement(By.xpath("//input[@type = 'password']")).sendKeys("admin123");
24     }
25     @Then("home page is displayed")
26     public void home_page_is_displayed() {
27         driver.findElement(By.xpath("//button[@type = 'submit']")).click();
28     }
29 }
```

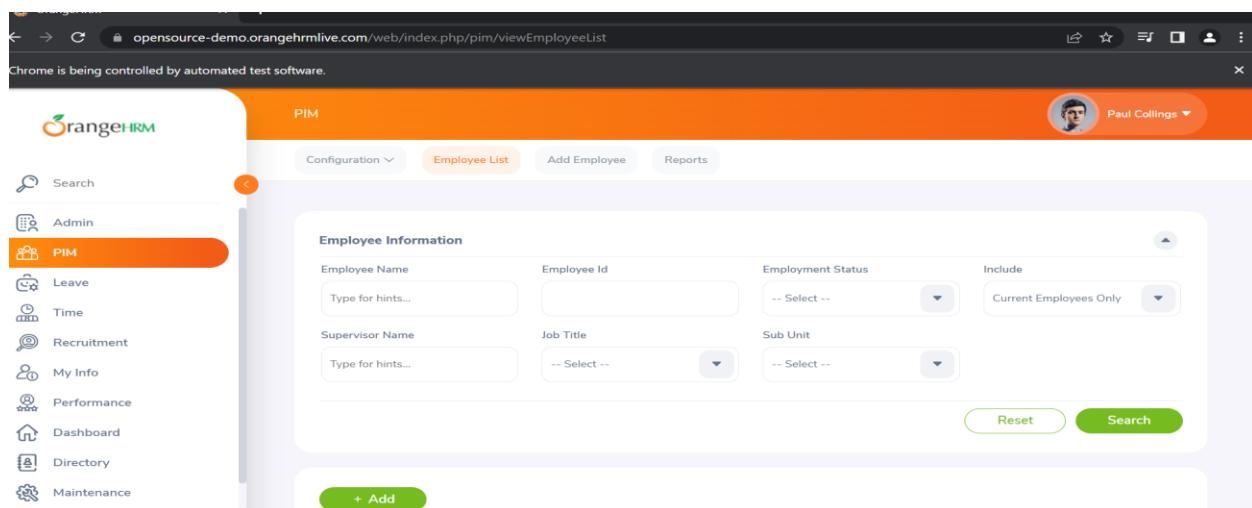
### Step-8: Code for HRM Leave.

```
30* @Given("user apply for leave")
31 public void user_go_to_leave() {
32     driver.findElement(By.LinkText("Leave")).click();
33     driver.findElement(By.LinkText("Apply")).click();
34 }
35* @When("leave is applied by user")
36 public void user_apply_leave() {
37     driver.findElement(By.xpath("//div[@class='oxd-select-text oxd-select-text--active']/div[2]/i")).click();
38     driver.findElement(By.xpath("//*[contains(text(),'CAN')]")).click();
39     driver.findElement(By.xpath("//div/div[2]/div/div/input")).sendKeys("2022-10-25");
40 }
41* @Then("Leave Applied")
42 public void leave_applied() {
43     driver.findElement(By.xpath("//button[@type='submit']")).click();
44 }
45
```

### Step-9: Code for HRM Search Method Overloading.

```
46* @Given("User goes on Admin Page")
47 public void user_go_to_admin() {
48     driver.findElement(By.xpath("//a/span")).click();
49 }
50* @Then("User enters the fields")
51 public void user_enter_details() {
52     CucuExamples func= new CucuExamples();
53     func.search("Admin");
54     func.search("Admin","Paul Collings");
55 }
56* void search(String userName)
57 {
58     driver.findElement(By.xpath("//div[2]/input")).sendKeys(userName);
59     driver.findElement(By.xpath("//button[@type = 'submit']")).click();
60 }
61* void search(String userName, String empName)
62 {
63     driver.findElement(By.xpath("//div[2]/input")).sendKeys(Keys.chord(Keys.CONTROL,"a",Keys.DELETE),userName);
64     driver.findElement(By.xpath("//div/div[2]/div/div/input")).sendKeys(empName);
65     driver.findElement(By.xpath("//button[@type = 'submit']")).click();
66 }
67 }
68
69
```

### Step-10: Output for HRM Login.



## Step-11: Outputs for Method Overloading Search Operation.

The screenshot shows the OrangeHRM Admin / User Management interface. 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 search bar with the following filters: User Management (selected), Job, Organization, Qualifications, Nationalities, and Corporate Branding. The search results show a table with one record found, displaying the user 'Admin' with role 'Admin', employee name 'PaulTheresia CollingsRumapea', and status 'Enabled'. The table has columns for Username, User Role, Employee Name, Status, and Actions. The Actions column contains icons for delete and edit.

Username	User Role	Employee Name	Status	Actions
Admin	Admin	PaulTheresia CollingsRumapea	Enabled	

//Search Method 1

The screenshot shows the OrangeHRM Admin / User Management interface. 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 search bar with the following filters: User Management (selected), Job, Organization, Qualifications, Nationalities, and Corporate Branding. The search results show a table with one record found, displaying the user 'Admin' with role 'Admin', employee name 'PaulTheresia CollingsRumapea', and status 'Enabled'. The table has columns for Username, User Role, Employee Name, Status, and Actions. The Actions column contains icons for delete and edit.


Username	User Role	Employee Name	Status	Actions
Admin	Admin	PaulTheresia CollingsRumapea	Enabled	

//Search Method 2

## Step-12: Outputs for HRM Leave.

opensource-demo.orangehrmlive.com/web/index.php/leave/viewMyLeaveList

Chrome is being controlled by automated test software.



orangeHRM

Leave

Paul Collings

Apply

My Leave

Entitlements

Reports

Configure

Leave List

Assign Leave

\* Required

Reset

Search

(1) Record Found

<input type="checkbox"/>	Date	Employee Name	Leave Type	Leave Balance (Days)	Number of Days	Status	Comments	Actions
<input type="checkbox"/>	2022-10-25	Paul Collings	CAN - Bereavement	13.00	1.00	Pending Approval (1.00)		<p>Cancel</p> <p></p>

OrangeHRM OS 5.1

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