# Assignment 6

# Task 1

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

Try to use contains , xpath axes, text functions

Write a minimum 3 XPath and 3 CSS Selector for the username

Solution:

3 XPath

//input[contains(@placeholder,'Username')]

//label[normalize-space()='Username']//following::input[1]

//\*[text()='Username']//following::input[1]

3 CSS selector

input[placeholder\*='Username']

input[name$='username']

.oxd-input.oxd-input--active[placeholder$='Username']

Write a minimum 3 XPath and 3 CSS Selector for the password

3 XPath

//input[contains(@placeholder,’Password’)]

//label[normalize-space()=’Password’]//following::input[1]

//\*[text()=’Password’]//following::input[1]

3 CSS selector

input[placeholder\*=’Password’]

input[name$=’password’]

.oxd-input.oxd-input--active[placeholder$=’Password’]

Write a minimum 3 XPath and 3 CSS Selector for the login button

3 XPath

//button[normalize-space()='Login']

//button[text()=' Login ']

//input[@placeholder='Password']//following::button

3 CSS selector

button[type='submit']

# Task 2

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

admin/admin123

Write dynamic xpath which should match all below elements

**Solution**:

* Dynamic xpath which should match all below elements

//ul[@class='oxd-main-menu']/li

Click on Admin Tab

driver.findElement(By.Xpath(“//a[normalize-space()='Admin']”)).click();

Click on Add button

driver.findElement(By.Xpath(“//button[normalize-space()='Add']”)).click();

* Type A in employee name and write XPath which matches all element in suggestions

driver.findElement(By.xpath(“//label[normalize-space()='Employee Name']/following::input[1]”)).sendkeys(‘A’);

driver.findElements(By.class(“oxd-autocomplete-option”)).getText();

Write xpath (min 3 and max no limit) for all elements under Add User section

Solution:

User Role DD -

//label[normalize-space()='User Role']/following::div[contains(text(),'-- Select --')][1]

Status DD -

//label[normalize-space()='Status']/following::div[contains(text(),'-- Select --')][1]

Employee Name input text field -

//label[normalize-space()='Employee Name']/following::input[1]

Username input text field -

//label[normalize-space()='Username']/following::input[1]

Password input text field -

//label[normalize-space()=’Password’]/following::input[1]

Confirm Password input text field -

//label[normalize-space()='Confirm Password']/following::input[1]

# Task 3

Write a script that should be able to add user > search user > delete the user.

Flow- Login > Admin> Add User> Search User > Delete User > Logout

Add an assertion after each section

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

Admin/admin123

Solution:

**public** **class** HRMLoginLogout {

**public** **static** **void** main(String[] args) **throws** InterruptedException {

// Create a new instance of the Chrome driver

WebDriver driver = **new** ChromeDriver();

// Navigate to the website

driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");

driver.manage().window().maximize();

driver.manage().timeouts().~~implicitlyWait~~(10, TimeUnit.***SECONDS***);

// Enter username

driver.findElement(By.*xpath*("//input[contains(@placeholder,'Username')]")).sendKeys("admin");

// Enter password

driver.findElement(By.*xpath*("//input[contains(@placeholder,'Password')]")).sendKeys("admin123");

// click on Login button

driver.findElement(By.*xpath*("//button[normalize-space()='Login']")).click();

// click on Admin tab

driver.findElement(By.*xpath*("//a[normalize-space()='Admin']")).click();

// click on Add button

driver.findElement(By.*xpath*("//button[normalize-space()='Add']")).click();

// click on User Role drop down

driver.findElement(By.*xpath*("//\*[text()='User Role']//following::div[1]")).click();

Thread.*sleep*(1000);

driver.findElement(By.*xpath*("//div[@role='option']//span[text()='Admin']")).click();

// click on Status drop down

driver.findElement(By.*xpath*("//\*[text()='Status']//following::div[1]")).click();

Thread.*sleep*(1000);

driver.findElement(By.*xpath*("//div[@role='listbox']//span[text()='Enabled']")).click();

// Enter Employee name

driver.findElement(By.*xpath*("//label[normalize-space()='Employee Name']/following::input[1]")).sendKeys("A");

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//div[@role='listbox']//div[@class='oxd-autocomplete-option'][1]")).click();

// Enter Username

driver.findElement(By.*xpath*("//label[normalize-space()='Username']/following::input[1]")).sendKeys("Junaid");

// Enter Password

driver.findElement(By.*xpath*("//label[normalize-space()='Password']/following::input[1]")).sendKeys("Junaid@123");

// Enter Confirm Password

driver.findElement(By.*xpath*("//label[normalize-space()='Confirm Password']/following::input[1]")).sendKeys("Junaid@123");

// Click on Save button

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//button[normalize-space()='Save']")).click();

// Search UserName

Thread.*sleep*(2000);

// driver.findElement(By.xpath("//label[normalize-space()='Username']//following::input[1]")).click();

driver.findElement(By.*xpath*("//label[normalize-space()='Username']//following::input[1]")).sendKeys("Junaid");

// Click on Search

driver.findElement(By.*xpath*("//button[normalize-space()='Search']")).click();

Thread.*sleep*(3000);

// Delete user

driver.findElement(By.*xpath*("//div[contains(text(),'Junaid')]//following::i[1]")).click();

driver.findElement(By.*xpath*("//button[normalize-space()='Yes, Delete']")).click();

//Logout

driver.findElement(By.*xpath*("//i[@class='oxd-icon bi-caret-down-fill oxd-userdropdown-icon']")).click();

driver.findElement(By.*xpath*("//a[normalize-space()='Logout']")).click();

}

}