package Database;

import static org.testng.Assert.assertTrue;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.testng.annotations.AfterTest;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Test;

public class OrangeHRMLogin {

public class loginPage {

}

public static WebDriver driver;

@BeforeTest

public void setup() {

//browser initilisation

System.setProperty("webdriver.chrome.driver", "C:\\selenium jars\\chromedriver\_win32/chromedriver.exe");

ChromeOptions co = new ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

driver = new ChromeDriver(co);

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

}

@Test (priority =1)

public void LoginHRMS() {

// verify Orangehrm page is open

//verify username box is visible and clickable

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

driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);

WebElement userName = driver.findElement(By.name("username"));

assertTrue(userName.isEnabled());

if(userName.isEnabled()) {

userName.sendKeys("Admin");

}

// Verify password input box is visible and clickable

WebElement password = driver.findElement(By.name("password"));

assertTrue(password.isEnabled());

if(password.isEnabled()) {

password.sendKeys("admin123");

};

//verify login button visible and clickable

WebElement lgnBtn = driver.findElement(By.cssSelector("#app > div.orangehrm-login-layout > div > div.orangehrm-login-container > div > div.orangehrm-login-slot > div.orangehrm-login-form > form > div.oxd-form-actions.orangehrm-login-action > button"));

assertTrue(lgnBtn.isEnabled());

if(lgnBtn.isEnabled()) {

lgnBtn.click();

driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);

}

}

@Test (priority = 2)

//verify myinfo is visible and clickable

public void myinfo() {

WebElement myinfo = driver.findElement(By.cssSelector("#app > div.oxd-layout > div.oxd-layout-navigation > aside > nav > div.oxd-sidepanel-body > ul > li:nth-child(6) > a > span"));

assertTrue(myinfo.isEnabled());

if(myinfo.isEnabled()) {

myinfo.click();

}

}

@Test (priority = 3)

public void personal\_deatils() {

//verify firstname box is visible and clickable

WebElement firstname =driver.findElement(By.name("firstName"));

assertTrue(firstname.isEnabled());

if(firstname.isEnabled()) {

firstname.click();

firstname.sendKeys("kunal");

}

//verify middlename box is vsisble and clickable

WebElement middlename =driver.findElement(By.name("middleName"));

assertTrue(middlename.isEnabled());

if(middlename.isEnabled()) {

middlename.click();

middlename.sendKeys("vijay");

}

//verify lastname box is visible and clickable

WebElement lastname =driver.findElement(By.name("lastName"));

assertTrue(lastname.isEnabled());

if(lastname.isEnabled()) {

lastname.click();

lastname.sendKeys("shejwal");

}

//verify nickname box is visible and clickable

WebElement nickname =driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/div/div[2]/div[1]/form/div[1]/div[2]/div/div/div[2]/input"));

assertTrue(nickname.isEnabled());

if(nickname.isEnabled()) {

nickname.click();

nickname.sendKeys("rocky");

}

//verify Employeeid box is visible and clickable

WebElement Employeeid =driver.findElement(By.cssSelector("#app > div.oxd-layout > div.oxd-layout-container > div.oxd-layout-context > div > div > div > div.orangehrm-edit-employee-content > div.orangehrm-horizontal-padding.orangehrm-vertical-padding > form > div:nth-child(3) > div:nth-child(1) > div:nth-child(1) > div > div:nth-child(2) > input"));

assertTrue(Employeeid.isEnabled());

if(Employeeid.isEnabled()) {

Employeeid.click();

Employeeid.sendKeys("123456789");

}

//verify otherid box is visible and clickable

WebElement otherid =driver.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div[2]/div[2]/div/div/div/div[2]/div[1]/form/div[2]/div[1]/div[2]/div/div[2]/input"));

assertTrue(otherid.isEnabled());

if(otherid.isEnabled()) {

otherid.click();

otherid.sendKeys("786262598");

}

//verify driver license number box verify and clickable

WebElement Driverlicenseno =driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/div/div[2]/div[1]/form/div[2]/div[2]/div[1]/div/div[2]/input"));

assertTrue(Driverlicenseno.isEnabled());

if(Driverlicenseno.isEnabled()) {

Driverlicenseno.click();

Driverlicenseno.sendKeys("786262598");

}

//verify LicenseExpiryDate visible and clickable

WebElement LicenseExpiryDate =driver.findElement(By.cssSelector("#app > div.oxd-layout > div.oxd-layout-container > div.oxd-layout-context > div > div > div > div.orangehrm-edit-employee-content > div.orangehrm-horizontal-padding.orangehrm-vertical-padding > form > div:nth-child(3) > div:nth-child(2) > div:nth-child(2) > div > div:nth-child(2) > div > div > input"));

assertTrue(LicenseExpiryDate.isEnabled());

if(LicenseExpiryDate.isEnabled()) {

LicenseExpiryDate.click();

LicenseExpiryDate.sendKeys("2026-08-26");

}

//verify SSNnumber visible and clickable

WebElement SSNnumber =driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/div/div[2]/div[1]/form/div[2]/div[3]/div[1]/div/div[2]/input"));

assertTrue(SSNnumber.isEnabled());

if(SSNnumber.isEnabled()) {

SSNnumber.click();

SSNnumber.sendKeys("786262598");

}

//verify SINnumber visible and clickable

WebElement SINnumber =driver.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div[2]/div[2]/div/div/div/div[2]/div[1]/form/div[2]/div[3]/div[2]/div/div[2]/input"));

assertTrue(SINnumber.isEnabled());

if(SINnumber.isEnabled()) {

SINnumber.click();

SINnumber.sendKeys("78626225");

}

//verify Nationality box is visible and clickable

WebElement Nationality =driver.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div[2]/div[2]/div/div/div/div[2]/div[1]/form/div[3]/div[1]/div[1]/div/div[2]/div/div/div[1]"));

assertTrue(Nationality.isEnabled());

if(Nationality.isEnabled()) {

Nationality.click();

Nationality.sendKeys("Namibian");

}

//virify maritalstatus box is visible and clickable

WebElement maritalstatus =driver.findElement(By.cssSelector("#app > div.oxd-layout > div.oxd-layout-container > div.oxd-layout-context > div > div > div > div.orangehrm-edit-employee-content > div.orangehrm-horizontal-padding.orangehrm-vertical-padding > form > div:nth-child(5) > div:nth-child(1) > div:nth-child(2) > div > div:nth-child(2) > div > div > div.oxd-select-text-input"));

assertTrue(maritalstatus.isEnabled());

if(maritalstatus.isEnabled()) {

maritalstatus.click();

maritalstatus.sendKeys("single");

}

//verify Dateofbirth box is visible and clickable

WebElement Dateofbirth =driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/div/div[2]/div[1]/form/div[3]/div[2]/div[1]/div/div[2]/div/div/input"));

assertTrue(Dateofbirth.isEnabled());

if(Dateofbirth.isEnabled()) {

Dateofbirth.click();

Dateofbirth.sendKeys("1996-05-05");

}

//verify gender box is visible and clickable

WebElement gender = driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/div/div[2]/div[1]/form/div[3]/div[2]/div[2]/div/div[2]/div[1]/div[2]/div/label/span"));

assertTrue(gender.isEnabled());

if(gender.isEnabled()) {

gender.click();

}

//verify miletryservice box is visible and clicakble

WebElement miletryservice =driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/div/div[2]/div[1]/form/div[4]/div/div[1]/div/div[2]/input"));

assertTrue(miletryservice.isEnabled());

if(miletryservice.isEnabled()) {

miletryservice.click();

miletryservice.sendKeys("Asian");

}

// verify smoker box is visible and clickable

WebElement smoker =driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/div/div[2]/div[1]/form/div[4]/div/div[2]/div/div[2]/div/label/span/i"));

assertTrue(smoker.isEnabled());

if(smoker.isEnabled()) {

smoker.click();

}

//verify save button is visible and clickable

WebElement savebtn =driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/div/div[2]/div[1]/form/div[5]/button"));

assertTrue(savebtn.isEnabled());

if(savebtn.isEnabled()) {

savebtn.click();

}

}

@Test(priority = 4)

public void Custom\_Fields() {

//verify blood type box is visible and clickable

WebElement Blood\_Type =driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/div/div[2]/div[2]/div/form/div[1]/div/div/div/div[2]/div/div/div[1]"));

assertTrue(Blood\_Type.isEnabled());

if(Blood\_Type.isEnabled()) {

Blood\_Type.click();

Blood\_Type.sendKeys("B");

}

//verify save button is visible and clickable

WebElement savebtn = driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/div/div[2]/div[2]/div/form/div[2]/button"));

assertTrue(savebtn.isEnabled());

if(savebtn.isEnabled()) {

savebtn.click();

}

}

@Test(priority = 5)

public void attchments() {

//verify add button is visible and clickable

WebElement Add =driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/div/div[2]/div[3]/div[1]/div/button"));

assertTrue(Add.isEnabled());

if(Add.isEnabled()) {

Add.click();

}

// verify select file is visible and clickable

WebElement SelectFile =driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/div/div[2]/div[3]/div/form/div[1]/div/div/div/div[2]/div/div[1]"));

assertTrue(SelectFile.isEnabled());

if(SelectFile.isEnabled()) {

SelectFile.click();

}

//verify comment box visible and clickable

WebElement comments =driver.findElement(By.xpath("/html/body/div/div[1]/div[2]/div[2]/div/div/div/div[2]/div[3]/div/form/div[2]/div/div/div/div[2]/textarea"));

assertTrue(comments.isEnabled());

if(comments.isEnabled()) {

comments.click();

comments.sendKeys("pass");

}

//verify save button is visible and clickable

WebElement savebtne =driver.findElement(By.cssSelector("#app > div.oxd-layout > div.oxd-layout-container > div.oxd-layout-context > div > div > div > div.orangehrm-edit-employee-content > div.orangehrm-attachment > div > form > div.oxd-form-actions > button.oxd-button.oxd-button--medium.oxd-button--secondary.orangehrm-left-space"));

assertTrue(savebtne.isEnabled());

if(savebtne.isEnabled()) {

savebtne.click();

}

}

@AfterTest

public void teardown() {

driver.quit();

}

}