package Alltests;

import org.testng.annotations.Test;

import org.testng.asserts.SoftAssert;

import io.github.bonigarcia.wdm.WebDriverManager;

import static org.testng.Assert.assertEquals;

import java.time.Duration;

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.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.Select;

import org.openqa.selenium.support.ui.WebDriverWait;

import org.testng.annotations.AfterClass;

import org.testng.annotations.BeforeClass;

public class NewTest {

WebDriver driver;

public static String fullid;

public static String id;

SoftAssert softassert = new SoftAssert();

@BeforeClass

public void Beforeclass() throws InterruptedException {

System.out.println("All tests Started");

ChromeOptions ops = new ChromeOptions();

ops.addArguments("--disable-notifications");

ops.addArguments("start-maximized");

WebDriverManager.chromedriver().setup();

driver = new ChromeDriver(ops);

Thread.sleep(1000);

driver.get("https://unergia-saas-staging-solarladder.vercel.app/login");

}

@Test(priority = 1)

public void Login() {

try {

System.out.println("Login Test Started");

By email = By.xpath("//input[@type='email']");

By pass = By.xpath("//input[@type='password']");

By signin = By.xpath("//button[@type='submit']");

driver.findElement(email).sendKeys("janeshkhanna97@gmail.com");

driver.findElement(pass).sendKeys("password");

driver.findElement(signin).click();

Thread.sleep(5000);

String Title = driver.getTitle();

softassert.assertEquals(Title, "Solar Ladder | Projects");

softassert.assertAll();

System.out.println("Login Test Ended");

}

catch (Exception e) {

System.out.println("Exception caught is" + e.getMessage());

}

}

@Test(priority = 2, enabled = false)

public void AddProject() {

try {

System.out.println("Add Project Test Started");

By addpro = By.xpath("(//span[@class='MuiButton-label'])[2]");

driver.findElement(addpro).click();

WebDriverWait wait = new WebDriverWait(driver,Duration.ofSeconds(15));

By size = By.xpath("//input[@type='number']");

wait.until(ExpectedConditions.visibilityOfElementLocated(size));

By Cname = By.xpath("//input[@name='customerName']");

By Cemail = By.xpath("//input[@name='customerEmail']");

By clickaddpro = By.xpath("//button[@type='submit']");

// Actions action = new Actions(driver);

// action.moveToElement(addpro).click().perform();

Thread.sleep(5000);

driver.findElement(size).sendKeys("6");

driver.findElement(Cname).sendKeys("AutoTest");

driver.findElement(Cemail).sendKeys("autotest123@yopmail.com");

// Select select1 = new Select(lane);

// select1.selectByVisibleText("Automation");

driver.findElement(clickaddpro).click();

By success = By.xpath("//span[contains(.,'Successfully created project!')]");

wait.until(ExpectedConditions.visibilityOfElementLocated(success));

WebElement s = driver.findElement(By.xpath("//span[contains(.,'Successfully created project!')]"));

String sucessM = s.getText();

softassert.assertEquals(sucessM, "Successfully created project!");

By fid = By.xpath("(//div[@class='crm-projectcard-top-title-maintitle'])[1]");

WebElement e = driver.findElement(fid);

fullid = e.getText();

id = fullid.substring(4);

softassert.assertAll();

System.out.println("Add Project Test Ended");

}

catch (Exception e) {

System.out.println("Exception caught is here" + e.getMessage());

}

}

@Test(priority = 3, enabled = false)

public void EditCustomer() {

try {

System.out.println("EditCustomer Test Started");

WebDriverWait wait = new WebDriverWait(driver,Duration.ofSeconds(15));

By pro = By.xpath("(//div[normalize-space()='AutoTest'])[1]");

wait.until(ExpectedConditions.visibilityOfElementLocated(pro));

WebElement a = driver.findElement(pro);

assertEquals(a.getText(), "AutoTest");

driver.findElement(pro).click();

By editcustomer = By.xpath("//a[normalize-space()='Edit Customer']");

wait.until(ExpectedConditions.visibilityOfElementLocated(editcustomer));

driver.findElement(editcustomer).click();

By custphone = By.xpath("//input[@placeholder=\"Enter Customer's Phone Number\"]");

wait.until(ExpectedConditions.visibilityOfElementLocated(custphone));

driver.findElement(custphone).sendKeys("5566778899");

By success = By.xpath("//span[normalize-space()='Successfully updated project.']");

wait.until(ExpectedConditions.visibilityOfElementLocated(success));

WebElement s = driver.findElement(success);

String sucessM = s.getText();

softassert.assertEquals(sucessM, "Successfully updated project.");

By cross = By.xpath("//button[@class='MuiButtonBase-root MuiIconButton-root closeicon']");

driver.findElement(cross).click();

softassert.assertAll();

System.out.println("EditCustomer Test Ended");

}

catch (Exception e) {

System.out.println("Exception caught is" + e.getMessage());

}

}

@Test(priority = 4, enabled = false)

public void CreateProjectManagement() {

try {

System.out.println("CreateProjectManagement Test Started");

WebDriverWait wait = new WebDriverWait(driver,Duration.ofSeconds(15));

By pro = By.xpath("(//div[normalize-space()='AutoTest'])[1]");

wait.until(ExpectedConditions.visibilityOfElementLocated(pro));

WebElement a = driver.findElement(pro);

softassert.assertEquals(a.getText(), "AutoTest");

driver.findElement(pro).click();

By projectmanagement = By.xpath("//a[normalize-space()='Project Management']");

wait.until(ExpectedConditions.visibilityOfElementLocated(projectmanagement));

driver.findElement(projectmanagement).click();

By initilize = By.xpath("//span[normalize-space()='Initialize Project Management For This Project']");

wait.until(ExpectedConditions.visibilityOfElementLocated(initilize));

driver.findElement(initilize).click();

By choose = By.xpath("(//div[@class='projectmanagement-templatecard'])[1]");

wait.until(ExpectedConditions.visibilityOfElementLocated(choose));

driver.findElement(choose).click();

Thread.sleep(1500);

By createcollection = By.xpath("(//div[1])[27]/div[2]/form/button");

wait.until(ExpectedConditions.visibilityOfElementLocated(createcollection));

driver.findElement(createcollection).click();

Thread.sleep(1500);

driver.switchTo().alert().accept();

By success = By.xpath("//span[normalize-space()='Created Collection.']");

wait.until(ExpectedConditions.visibilityOfElementLocated(success));

WebElement s = driver.findElement(success);

String sucessM = s.getText();

softassert.assertEquals(sucessM, "Created Collection.");

By cross = By.xpath("//button[@class='MuiButtonBase-root MuiIconButton-root closeicon']");

driver.findElement(cross).click();

softassert.assertAll();

System.out.println("CreateProjectManagement Test Ended");

}

catch (Exception e) {

System.out.println("Exception caught is" + e.getMessage());

}

}

@Test(priority = 5, enabled = false)

public void CreateOnM() {

try {

System.out.println("CreateOnM Test Started");

WebDriverWait wait = new WebDriverWait(driver,Duration.ofSeconds(15));

By pro = By.xpath("(//div[normalize-space()='AutoTest'])[1]");

wait.until(ExpectedConditions.visibilityOfElementLocated(pro));

WebElement a = driver.findElement(pro);

softassert.assertEquals(a.getText(), "AutoTest");

driver.findElement(pro).click();

By onm = By.xpath("//a[@href='#'][normalize-space()='O&M']");

wait.until(ExpectedConditions.visibilityOfElementLocated(onm));

driver.findElement(onm).click();

driver.findElement(onm).click();

Thread.sleep(1000);

By add = By.xpath("//button[@class='MuiButtonBase-root MuiButton-root MuiButton-contained greenbutton MuiButton-containedPrimary']");

wait.until(ExpectedConditions.visibilityOfElementLocated(add));

driver.findElement(add).click();

By assignedto = By.xpath("//select[contains(@name,'assignedTo')]");

wait.until(ExpectedConditions.visibilityOfElementLocated(assignedto));

Select assignedtovalue = new Select(driver.findElement(assignedto));

assignedtovalue.selectByVisibleText("Janesh Pvt Ltd");

By startdate = By.xpath("//input[@name='startDate']");

wait.until(ExpectedConditions.visibilityOfElementLocated(startdate));

driver.findElement(startdate).sendKeys("12-27-2022");

By onmform = By.xpath("//select[contains(@name,'onmForm')]");

wait.until(ExpectedConditions.visibilityOfElementLocated(onmform));

Select onmformvalue = new Select(driver.findElement(onmform));

onmformvalue.selectByVisibleText("Form1");

By customerratingform = By.xpath("//select[contains(@name,'customerRatingForm')]");

wait.until(ExpectedConditions.visibilityOfElementLocated(customerratingform));

Select customerratingformvalue = new Select(driver.findElement(customerratingform));

customerratingformvalue.selectByVisibleText("Rating");

By onmapprovalform = By.xpath("//select[contains(@name,'onmApprovalForm')]");

wait.until(ExpectedConditions.visibilityOfElementLocated(onmapprovalform));

Select onmapprovalformvalue = new Select(driver.findElement(onmapprovalform));

onmapprovalformvalue.selectByVisibleText("AP 1");

By createonm = By.xpath("//button[@type='submit']");

wait.until(ExpectedConditions.visibilityOfElementLocated(createonm));

driver.findElement(createonm).click();

By success = By.xpath("//span[normalize-space()='Initialized O&M Successfully.']");

wait.until(ExpectedConditions.visibilityOfElementLocated(success));

WebElement s = driver.findElement(success);

String sucessM = s.getText();

System.out.println(sucessM);

softassert.assertEquals(sucessM, "Initialized O&M Successfully.");

By cross = By.xpath("//button[@class='MuiButtonBase-root MuiIconButton-root closeicon']");

driver.findElement(cross).click();

softassert.assertAll();

System.out.println("CreateOnM Test Ended");

}

catch (Exception e) {

System.out.println("Exception caught is" + e.getMessage());

}

}

@Test(priority = 6, enabled = true)

public void CreateTask() {

try {

System.out.println("CreateTask Test Started");

WebDriverWait wait = new WebDriverWait(driver,Duration.ofSeconds(15));

By fid = By.xpath("(//div[@class='crm-projectcard-top-title-maintitle'])[1]");

WebElement e = driver.findElement(fid);

fullid = e.getText();

id = fullid.substring(4);

By tasks = By.xpath("//a[normalize-space()='Tasks']");

wait.until(ExpectedConditions.visibilityOfElementLocated(tasks));

driver.findElement(tasks).click();

By addtask = By.xpath("//span[normalize-space()='Add Task']");

wait.until(ExpectedConditions.visibilityOfElementLocated(addtask));

driver.findElement(addtask).click();

Thread.sleep(1000);

By tasktitle = By.xpath("//input[@placeholder='Eg: Order Solar Panels']");

wait.until(ExpectedConditions.visibilityOfElementLocated(tasktitle));

driver.findElement(tasktitle).sendKeys("AutoTask");

By taskdesc = By.xpath("//textarea[@placeholder='Any extra details.']");

wait.until(ExpectedConditions.visibilityOfElementLocated(taskdesc));

driver.findElement(taskdesc).sendKeys("AutoTaskDesc");

By taskdate = By.xpath("//input[@name='dueDate']");

wait.until(ExpectedConditions.visibilityOfElementLocated(taskdate));

driver.findElement(taskdate).sendKeys("12-27-2022");

By projectuniqueid = By.xpath("//input[@name='projectUniqueId']");

wait.until(ExpectedConditions.visibilityOfElementLocated(projectuniqueid));

driver.findElement(projectuniqueid).sendKeys(id);

By createtask = By.xpath("//span[normalize-space()='Create Task']");

wait.until(ExpectedConditions.visibilityOfElementLocated(createtask));

driver.findElement(createtask).click();

By success = By.xpath("//span[normalize-space()='Created Task successfully.']");

wait.until(ExpectedConditions.visibilityOfElementLocated(success));

WebElement s = driver.findElement(success);

String sucessM = s.getText();

softassert.assertEquals(sucessM, "Created Task successfully.");

softassert.assertAll();

System.out.println("CreateTask Test Ended");

}

catch (Exception e) {

System.out.println("Exception caught is" + e.getMessage());

}

}

@AfterClass

public void Afterclass() {

System.out.println("All Tests Ended");

}

}