Register Page:

package registration;

import java.text.SimpleDateFormat;

import java.util.Date;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

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

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

public class Registerpage {

public WebDriver driver;

public Registerpage(WebDriver driver)

{

this.driver=driver;

PageFactory.initElements(driver, this);

}

@FindBy(xpath="//a[text()='New Candidate Registration ']")

private WebElement reglink;

@FindBy(id="FirstName")

private WebElement fname;

@FindBy(id="LastName")

private WebElement lname;

@FindBy(id="DateOfBirth")

private WebElement dob;

@FindBy(id="AadhaarNumber")

private WebElement aadharnum;

@FindBy(id="PrimaryMobileNumber")

private WebElement prmrymno;

@FindBy(id="mobileotpVerify")

private WebElement otp;

@FindBy(id="submitOtpverificationcode")

private WebElement submit;

@FindBy(xpath="/html/body/div[1]/div/div[3]/div/div/div/div[2]/div[3]/form/div/button")

private WebElement successbtn;

@FindBy(id="btnGenerateResendOTP")

private WebElement resend;

//@FindBy(id="ReEnterPrimaryMobileNumber")

//private WebElement reprmrymno;

@FindBy(id="SecondaryMobileNumber")

private WebElement scndmno;

@FindBy(id="EmailId")

private WebElement email;

@FindBy(id="Password")

private WebElement password;

@FindBy(id="ConfirmPassword")

private WebElement cnfrmpassword;

@FindBy(id="btnRegister")

private WebElement registerbtn;

public void registerlink()

{

reglink.click();

}

public void firstName(String frstname)

{

fname.sendKeys(frstname);

}

public void lastname(String lstname)

{

lname.sendKeys(lstname);

}

public void dateobirth(Date dateofbrth)

{

SimpleDateFormat date1 = new SimpleDateFormat("dd-MM-yyyy");

String dob1=date1.format(dateofbrth);

dob.sendKeys(dob1);

}

public void aadharentry(String anum) throws InterruptedException

{

aadharnum.sendKeys(anum);

Thread.sleep(5000);

aadharnum.sendKeys(Keys.TAB);

}

public void primarymobile(double pno) throws InterruptedException

{

String pmobileno=Double.toString(pno);

prmrymno.sendKeys(pmobileno);

prmrymno.sendKeys(Keys.TAB);

Thread.sleep(5000);

otp.click();

Thread.sleep(15000);

submit.click();

driver.switchTo().activeElement();

Thread.sleep(5000);

successbtn.click();

/\*try {

WebDriverWait wait=new WebDriverWait(driver,10);

//wait.until(ExpectedConditions.elementToBeClickable(By.className("modal-footer")));

WebElement okbtn = wait.until(ExpectedConditions.elementToBeClickable(By.xpath("/html/body/section/div[3]/div/div/div/div[2]/div[3]/form/div/button[text()='OK']")));

okbtn.click();

}

catch (Exception ex) {

}\*/

}

/\*public void reenterprimarymobile(double repno)

{

String repmobileno=Double.toString(repno);

reprmrymno.sendKeys(repmobileno);

}\*/

public void secondarymobile(double smno)

{

String secndmno=Double.toString(smno);

scndmno.sendKeys(secndmno);

}

public void emailid(String emailadd)

{

email.sendKeys(emailadd);

}

public void password(String pwd)

{

password.sendKeys(pwd);

}

public void confirmpassword(String cpwd)

{

cnfrmpassword.sendKeys(cpwd);

}

public void register()

{

registerbtn.click();

}

}

Register Test:

package registration;

import java.io.File;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.text.SimpleDateFormat;

import java.util.Date;

import org.apache.commons.io.FileUtils;

import org.apache.poi.EncryptedDocumentException;

import org.apache.poi.openxml4j.exceptions.InvalidFormatException;

import org.apache.poi.ss.usermodel.Sheet;

import org.apache.poi.ss.usermodel.Workbook;

import org.apache.poi.ss.usermodel.WorkbookFactory;

import org.openqa.selenium.Alert;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

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

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

import org.testng.annotations.Test;

public class Scenario1

{

@Test(priority=1)

public void validRegdata() throws InterruptedException, EncryptedDocumentException, InvalidFormatException

{

System.setProperty("webdriver.gecko.driver", "C:/Users/swathyp/OneDrive - Campus Management Corp/Desktop/Selenium/SDMS/Drivers/geckodriver.exe");

//System.setProperty("webdriver.chrome.driver", "C:/Users/swathyp/OneDrive - Campus Management Corp/Desktop/Selenium/SDMS/Drivers/chromedriver.exe");

//WebDriver driver = new ChromeDriver();

WebDriver driver = new FirefoxDriver();

driver.get("http://dvetmh-test2.azurewebsites.net");

Registerpage r1=new Registerpage(driver);

try {

FileInputStream fis = new FileInputStream("C:/Users/swathyp/OneDrive - Campus Management Corp/Desktop/Selenium/Dvet/data/TestDataforDVET.xlsx");

Workbook workbook = WorkbookFactory.create(fis);

Sheet sheet = workbook.getSheet("CandidateRegValiddata");

r1.registerlink();

for (int i=1; i <= sheet.getLastRowNum(); i++)

{

String firstname = sheet.getRow(i).getCell(0).getStringCellValue();

r1.firstName(firstname);

String lastname = sheet.getRow(i).getCell(1).getStringCellValue();

r1.lastname(lastname);

Date dateofbirth = sheet.getRow(i).getCell(2).getDateCellValue();

r1.dateobirth(dateofbirth);

double anum=sheet.getRow(i).getCell(3).getNumericCellValue();

String aadhar=Double.toString(anum);

r1.aadharentry(aadhar);

double pno = sheet.getRow(i).getCell(4).getNumericCellValue();

r1.primarymobile(pno);

//double repno = sheet.getRow(i).getCell(4).getNumericCellValue();

// r1.reenterprimarymobile(repno);

double smno = sheet.getRow(i).getCell(5).getNumericCellValue();

r1.secondarymobile(smno);

String emailid = sheet.getRow(i).getCell(6).getStringCellValue();

r1.emailid(emailid);

String pwd = sheet.getRow(i).getCell(7).getStringCellValue();

r1.password(pwd);

String cpwd = sheet.getRow(i).getCell(8).getStringCellValue();

r1.confirmpassword(cpwd);

Thread.sleep(15000);

r1.register();

File src= ((TakesScreenshot)driver). getScreenshotAs(OutputType. FILE);

try {

FileUtils. copyFile(src, new File("C:/Users/swathyp/OneDrive - Campus Management Corp/Desktop/Selenium1/test\_" +System.currentTimeMillis()+ ".png"));

}

catch (IOException e)

{

}

Thread.sleep(3000);

driver.get("http://dvetmh-test2.azurewebsites.net");

Thread.sleep(6000);

r1.registerlink();

Thread.sleep(4000);

}

workbook.close();

fis.close();

}

catch (FileNotFoundException fnfe) {

fnfe.printStackTrace();

} catch (IOException ioe) {

ioe.printStackTrace();

}

}

/\*@Test(priority=1)

public void invalidRegdata() throws InterruptedException, EncryptedDocumentException, InvalidFormatException

{

System.setProperty("webdriver.gecko.driver", "C:/Users/swathyp/OneDrive - Campus Management Corp/Desktop/Selenium/SDMS/Drivers/geckodriver.exe");

WebDriver driver = new FirefoxDriver();

driver.get("http://dvetmh-test2.azurewebsites.net");

//driver.get("https://dvetmh-test.azurewebsites.net/");

Thread.sleep(3000);

driver.findElement(By.xpath("/html/body/header/div[3]/div/div[2]/ul/li[3]/a[text()='New Candidate Registration ']")).click();

Registerpage r1=new Registerpage(driver);

WebElement fname=driver.findElement(By.id("FirstName"));

WebElement lname=driver.findElement(By.id("LastName"));

WebElement dob=driver.findElement(By.id("DateOfBirth"));

WebElement primarymno=driver.findElement(By.id("PrimaryMobileNumber"));

//WebElement reenterprimarymno=driver.findElement(By.id("ReEnterPrimaryMobileNumber"));

WebElement scndrymno=driver.findElement(By.id("SecondaryMobileNumber"));

WebElement email=driver.findElement(By.id("EmailId"));

WebElement pwd=driver.findElement(By.id("Password"));

WebElement confirmpwd=driver.findElement(By.id("ConfirmPassword"));

//WebElement registerbtn=driver.findElement(By.id("btnRegister"));

try {

FileInputStream fis = new FileInputStream("C:/Users/swathyp/OneDrive - Campus Management Corp/Desktop/Selenium/Dvet/data/TestDataforDVET.xlsx");

Workbook workbook = WorkbookFactory.create(fis);

Sheet sheet = workbook.getSheet("CandidateRegInvaliddata");

for (int i=1; i <= sheet.getLastRowNum(); i++)

{

String firstname = sheet.getRow(i).getCell(0).getStringCellValue();

fname.sendKeys(firstname);

fname.sendKeys(Keys.TAB);

System.out.println("First name entered incorrectly -" + driver.findElement(By.id("error-FirstName")).getText());

String lastname = sheet.getRow(i).getCell(1).getStringCellValue();

lname.sendKeys(lastname);

lname.sendKeys(Keys.TAB);

System.out.println("Last name entered incorrectly -" + driver.findElement(By.id("error-LastName")).getText());

Date dateofbirth = sheet.getRow(i).getCell(2).getDateCellValue();

SimpleDateFormat date1 = new SimpleDateFormat("dd-MM-yyyy");

String dob1=date1.format(dateofbirth);

dob.sendKeys(dob1);

Thread.sleep(5000);

String str=driver.findElement(By.xpath("/html/body/div[4]/div/div/div[2]/div[@class='bootbox-body']")).getText();

System.out.println("invalid dob:" +str);

driver.findElement(By.xpath("/html/body/div[4]/div/div/div[3]/button[text()='OK']")).click();

double pno = sheet.getRow(i).getCell(3).getNumericCellValue();

String pmobileno=Double.toString(pno);

primarymno.sendKeys(pmobileno);

primarymno.sendKeys(Keys.TAB);

System.out.println("primarymobilenumber entered incorrectly -" + driver.findElement(By.id("error-PromaryMobileNumber")).getText());

double smno = sheet.getRow(i).getCell(5).getNumericCellValue();

String secndmno=Double.toString(smno);

scndrymno.sendKeys(secndmno);

scndrymno.sendKeys(Keys.TAB);

System.out.println("secondary mobile number incorrect -" + driver.findElement(By.id("error-SecondaryMobileNumber")).getText());

String emailid = sheet.getRow(i).getCell(6).getStringCellValue();

email.sendKeys(emailid);

email.sendKeys(Keys.TAB);

System.out.println("email incorrect-" + driver.findElement(By.id("error-EmailId")).getText());

String pswd = sheet.getRow(i).getCell(7).getStringCellValue();

pwd.sendKeys(pswd);

pwd.sendKeys(Keys.TAB);

System.out.println("password incorrect -" + driver.findElement(By.id("error-Password")).getText());

String cpwd = sheet.getRow(i).getCell(8).getStringCellValue();

confirmpwd.sendKeys(cpwd);

confirmpwd.sendKeys(Keys.TAB);

System.out.println("confirm password incorrect -" + driver.findElement(By.id("error\_ConfirmPassword")).getText());

r1.register();

System.out.println("when aadhar number is blank" + driver.findElement(By.xpath("/html/body/section/div[2]/div/div/div[2]/p")).getText());

driver.findElement(By.id("AadhaarReqModalOkBtn")).click();

}

workbook.close();

fis.close();

}

catch (FileNotFoundException fnfe) {

fnfe.printStackTrace();

} catch (IOException ioe) {

ioe.printStackTrace();

}

//driver.quit();

}\*/

}