import java.util.List;

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.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

import io.github.bonigarcia.wdm.WebDriverManager;

public class AmazonWebsiteAddressAutoSubmit {

public static void main(String[] args) {

ChromeOptions chromeOptions = new ChromeOptions();

WebDriverManager.chromedriver().setup();

WebDriver driver = new ChromeDriver(chromeOptions);

driver.manage().timeouts().pageLoadTimeout(15, TimeUnit.MINUTES);

// Launch the Online Store Website

try {

driver.get("https://www.amazon.in/a/addresses/add?ref=ya\_address\_book\_add\_post");

LoginPage login = new LoginPage(driver);

// Replace with your emailId

login.set\_username("tltxxx@gmail.com");

login.continueButtonClick();

// Replace with your password

login.set\_password("xxxx");

login.click\_button();

NewAddressDetails addAddress = new NewAddressDetails(driver);

// Replace the fields as per your requirement

addAddress.set\_fullname("xxxxx");

addAddress.set\_phonenumber("1234567890");

addAddress.set\_postalCode("625 016");

addAddress.set\_addressLine1("AddressLine1");

addAddress.set\_addressLine2("AddressLine2");

addAddress.set\_city("City");

// Actually state has to be set

// If not set, it will throw error while

// clicking on the next submit button

List<WebElement> allElements = driver.findElements(By.xpath("//input[@class='a-button-input']"));

WebElement clickableElement;

for (WebElement element : allElements) {

if (element.getAttribute("aria-labelledby").equals("address-ui-widgets-form-submit-button-announce")) {

clickableElement = element;

clickableElement.click();

}

}

// Edit address part

Thread.sleep(5000);

// We can check whether address

// got added successfully

driver.get("https://www.amazon.in/a/addresses");

Thread.sleep(5000);

// Print a Log In message to the screen

System.out.println("Successfully performed the operation of adding address");

Thread.sleep(5000);

} catch (InterruptedException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

// Close the driver

driver.quit();

// driver.close();

}

}

class LoginPage {

private WebDriver driver;

@FindBy(id = "ap\_email")

WebElement username;

@FindBy(id = "ap\_password")

WebElement password;

@FindBy(id = "signInSubmit")

WebElement button;

@FindBy(id = "continue")

WebElement continueButton;

public LoginPage(WebDriver driver) {

// initialize elements

PageFactory.initElements(driver, this);

}

public void set\_username(String usern) {

username.clear();

username.sendKeys(usern);

}

public void set\_password(String userp) {

password.clear();

password.sendKeys(userp);

}

public void click\_button() {

button.submit();

}

public void continueButtonClick() {

continueButton.submit();

}

}

class NewAddressDetails {

// private WebDriver driver;

@FindBy(id = "address-ui-widgets-enterAddressFullName")

WebElement fullName;

@FindBy(id = "address-ui-widgets-enterAddressPhoneNumber")

WebElement phoneNumber;

@FindBy(id = "address-ui-widgets-enterAddressPostalCode")

WebElement postalCode;

@FindBy(id = "address-ui-widgets-enterAddressCity")

WebElement city;

@FindBy(id = "address-ui-widgets-enterAddressLine1")

WebElement addressLine1;

@FindBy(id = "address-ui-widgets-enterAddressLine2")

WebElement addressLine2;

// @FindBy(id = "address-ui-widgets-enterAddressStateOrRegion")

@FindBy(className = "a-button-inner")

WebElement stateOrRegion;

@FindBy(className = "a-button-input")

// @FindBy(xpath = "//input[@class='a-button-input']")

WebElement button;

public NewAddressDetails(WebDriver driver) {

// initialize elements

PageFactory.initElements(driver, this);

}

public void set\_fullname(String fname) {

fullName.clear();

fullName.sendKeys(fname);

}

public void set\_phonenumber(String phnumber) {

phoneNumber.clear();

phoneNumber.sendKeys(phnumber);

}

public void set\_postalCode(String pcode) {

postalCode.clear();

postalCode.sendKeys(pcode);

}

public void set\_city(String cty) {

city.clear();

city.sendKeys(cty);

}

public void set\_addressLine1(String line1) {

addressLine1.clear();

addressLine1.sendKeys(line1);

}

public void set\_addressLine2(String line2) {

addressLine2.clear();

addressLine2.sendKeys(line2);

}

public void set\_stateOrRegion(String region) {

stateOrRegion.clear();

stateOrRegion.sendKeys(region);

}

public void click\_button() {

button.click();

/\*

\* Actions builder = new Actions(AutoFill.driver);

\* builder.moveToElement(button).click(button); builder.perform();

\*/

}

}

class EditAddressDetails1 {

private WebDriver driver;

@FindBy(className = "a-button-input")

WebElement button;

public EditAddressDetails1(WebDriver driver) {

// initialize elements

PageFactory.initElements(driver, this);

}

public void click\_button() {

button.submit();

}

}