Coding Dojo / SDA

Belt Exam NO. 2

Legal zoom website testing

Sarah Albaradei

7-29-2021

Legal zoom website testing

1 Introduction:

This test is done for software testing bootcamp second belt exam, which is test some features on legal zoom website such as creating Living trust and complete the questionnaire.

2 Resource & Environment:

- Eclipse
- Java
- Selenium
- TestNG
- Google Chrome browser
- Google Chrome Driver

3 Test Cases:

Test ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
Tc_ID1	Check if Wills and trusts button is clickable.	Click on Wills and trusts button.	-	Wills and trusts page is opened.	Wills and trusts page is opened.	Pass
Tc_ID2	Check if Living trust learn more button is clickable.	Click on Living trust learn more button.	-	Living trust learn more page is opened.	Living trust learn more page is opened.	Pass
Tc_ID3	Check if get started button for Basic Living Trust is clickable	Click on get started button for Basic Living Trust.	-	Questionnaire page is opened.	Questionnaire page is opened.	Pass
Tc_ID4	Check if save and continue button is clickable.	Click on save and continue button.	-	Move to the next page.	Move to the next page.	Pass
Tc_ID5	Check if the options are checkable.	Click on the first check box.	-	The checkbox is checked.	The checkbox is checked.	Pass
Tc_ID6	Check if the text field for first name is working properly.	Enter a text-on-text fields.	Sarah	The Text is entered.	The Text is entered.	Pass
Tc_ID7	Check if the text field for last name is working properly.	Enter a text-on-text fields.	Albaradei	The Text is entered.	The Text is entered.	Pass

Tc_ID7	Check if the drop down list for (Are you married?) question is working properly.	Choose one of the options.	No	The option is chosen.	The option is chosen.	Pass
Tc_ID8	Check if the drop down list for (Do you have children?) question is working properly.	Choose one of the options.	No	The option is chosen.	The option is chosen.	Pass
Tc_ID9	Check if the State of Residence drop-down list is working properly.	Choose one of the options.	Alabama	The option is chosen.	The option is chosen.	Pass
Tc_ID10	Check if the options are checkable.	Click on the first check box.	Real Estate	The checkbox is checked.	The checkbox is checked.	Pass
Tc_ID11	Check if the text field for "Give this percentage" is working properly.	Enter a text-on-text fields.	100	The Text is entered.	The Text is entered.	Pass
Tc_ID12	Check if the text field for "To" is working properly.	Enter a text-on-text fields.	Jack	The Text is entered.	The Text is entered.	Pass
Tc_ID13	Check if the Full Name text field for a successor is working properly.	Enter a text-on-text fields.	Sarah	The Text is entered.	The Text is entered.	Pass
Tc_ID14	Check if continue button is clickable.	Click on continue button.	-	Move to the next page.	Move to the next page.	Pass
Tc_ID15	Check if the first name for contact information is working properly.	Enter a text-on-text fields.	Sarah	The Text is entered.	The Text is entered.	Pass
Tc_ID16	Check if the last name for contact information is working properly.	Enter a text-on-text fields.	Albaradei	The Text is entered.	The Text is entered.	Pass
Tc_ID17	Check if the email for contact information is working properly.	Enter a text-on-text fields.	Sarah@gmail.com	The Text is entered.	The Text is entered.	Pass
Tc_ID18	Check if the phone number for contact information is working properly.	Enter a text-on-text fields.	8885128394	The Text is entered.	The Text is entered.	Pass
Tc_ID19	Check if the address for contact	Enter a text-on-text fields.	ANDREA GARCIA 47 ANYVILLE RD	The Text is entered.	The Text is entered.	Pass

			NW #2 ANYTOWN AZ 01234			
Tc_ID20	Check if the zip code for contact information is working properly.	Enter a text-on-text fields.	12345	The Text is entered.	The Text is entered.	Pass
Tc_ID21	Check if the city for contact information is working properly.	Enter a text-on-text fields.	NYC	The Text is entered.	The Text is entered.	Pass
Tc_ID22	Check if the State drop down list is working properly.	Choose one of the options.	AK	The option is chosen.	The option is chosen.	Pass
Tc_ID23	Check if the first name for payment information is working properly.	Enter a text-on-text fields.	Sarah	The Text is entered.	The Text is entered.	Pass
Tc_ID24	Check if the last name for payment information is working properly.	Enter a text-on-text fields.	Albaradei	The Text is entered.	The Text is entered.	Pass
Tc_ID25	Check if the card number for payment information is working properly.	Enter a text-on-text fields.	123456	The Text is entered.	The Text is entered.	Pass
Tc_ID26	Check if the month drop down list is working properly.	Choose one of the options.	May	The option is chosen.	The option is chosen.	Pass
Tc_ID27	Check if the year drop down list is working properly.	Choose one of the options.	2023	The option is chosen.	The option is chosen.	Pass
Tc_ID28	Check if the zip code for payment information is working properly.	Enter a text-on-text fields.	12345	The Text is entered.	The Text is entered.	Pass
Tc_ID29	Check if the cvv for payment information is working properly.	Enter a text-on-text fields.	123	The Text is entered.	The Text is entered.	Pass
Tc_ID30	Check if the agreement option is checkable.	Click on the check box.	-	The checkbox is checked.	The checkbox is checked.	Pass
Tc_ID31	Check if Agree & place order button is clickable	Click on Agree & place order button	-	Error message for invalid credit card will appear.	Error message for invalid credit card will appear.	Pass

4   The code:

```java
import org.testng.annotations.Test;
import org.openqa.selenium.*;
import org.openqa.selenium.chrome.*;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.Select;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.Reporter;
import org.testng.Assert;

public class legalzoom {
        @Test
        public void testLegalzoom() throws InterruptedException {

                System.setProperty("webdriver.chrome.driver",
"C:\\Users\\Sarah\\Downloads\\chromedriver.exe");
                // Open chrome browser
                WebDriver driver = new ChromeDriver();
                Reporter.log("The browser is opened now");

                // Maximize The window
                driver.manage().window().maximize();
                Reporter.log("The browser is maximized");

                // Open legal zoom website
                driver.get("https://www.legalzoom.com/");
                Reporter.log("The legal zoom website is opened now");

                // Click on Will and trusts button using absolute path
                WebElement Willandtrusts = driver

        .findElement(By.xpath("/html/body/section[1]/div[1]/div[3]/div[1]/div/d
iv[2]/a"));
                Willandtrusts.click();
                Reporter.log("The Wills and trusts button is clicked");

                // Click on Living trust learn more button using xpath
                new WebDriverWait(driver, 20).until(ExpectedConditions

        .elementToBeClickable(By.xpath("//a[@href='/personal/estate-
planning/living-trust-overview.html']")))
                                .click();
                Reporter.log("The Living trust learn more button is clicked");

                // Click on get started button using xpath
                WebElement getStarted = driver
                                .findElement(By.xpath("//a[@data-ga-
label='pricing_basic_lt_get_started_button']"));
                JavascriptExecutor js = (JavascriptExecutor) driver;
                js.executeScript("arguments[0].click();", getStarted);
                Reporter.log("The get started button for Basic Living Trust is
clicked");
                Reporter.log("The questionnaire page is opened");

                // Click on save and continue button using id
```

```java
driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();
        Reporter.log("The save and continue button is clicked");

        // Select Me only option
        WebElement optionMe =
driver.findElement(By.id("chkctlgrantor_selfonly_CB"));
        optionMe.click();
        Reporter.log("The option is checked");

        // Click on save and continue button

driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        // Enter first name
        WebElement fname =
driver.findElement(By.name("grantor_first|290240"));
        fname.sendKeys("Sarah");
        Reporter.log("The first name is entered");

        // Enter last name
        WebElement lname =
driver.findElement(By.name("grantor_last|290242"));
        lname.sendKeys("Sarah");
        Reporter.log("The last name is entered");

        // Select No option
        Select marry = new
Select(driver.findElement(By.name("grantor_married_MC|290244")));
        marry.selectByVisibleText("No");
        Reporter.log("The no option is selected");

        // Select No option
        Select children = new
Select(driver.findElement(By.name("grantor_children_MC|290247")));
        children.selectByVisibleText("No");
        Reporter.log("The no option is selected");

        // Click on save and continue button

driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        // Select Alabama option
        Select state = new
Select(driver.findElement(By.name("grantor_state|290264")));
        state.selectByVisibleText("Alabama");
        Reporter.log("The Alabama option is selected");

        // Click on save and continue button

driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        // Select Real Estate option
        WebElement property =
driver.findElement(By.id("chkctlproperty_realestate_CB"));
```

```java
            property.click();
            Reporter.log("The Real Estate option is checked");

            // Click on save and continue button

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

            // Enter the general gift percentage
            WebElement give =
driver.findElement(By.name("grantor_heir_info_percent_1|-89676"));
            give.sendKeys("100");
            Reporter.log("The 100% is entered");

            // Enter the name of gift receiver
            WebElement to =
driver.findElement(By.name("grantor_heir_info_name_1|-89677"));
            to.sendKeys("Jack");
            Reporter.log("The Jack is entered");

            // Click on save and continue button

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

            // Enter the successor name
            WebElement successor =
driver.findElement(By.name("first_successor_trustee|290415"));
            successor.sendKeys("Sarah Albaradeei");
            Reporter.log("The successor is entered");

            // Click on save and continue button

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

        driver.findElement(By.id("ctl00_cphMainContent_btnContinue2")).click();

            // Click on continue button
```

```java
            WebElement Continue =
driver.findElement(By.xpath("//input[@value='Continue']"));
            Continue.click();
            WebElement Continue2 =
driver.findElement(By.xpath("//input[@value='Continue']"));
            Continue2.click();
            WebElement Continue3 = driver.findElement(By.id("button-next"));
            Continue3.click();
            Reporter.log("The continue button is clicked");
            Reporter.log("The Complete your order is opened");

            // Enter fist name for contact information
            WebElement Fname =
driver.findElement(By.name("ctl00$cphMainContent$txt_ContactInfo_FName"));
            Fname.sendKeys("Sarah");
            Reporter.log("The first name for contact information is
entered");

            // Enter last name for contact information
            WebElement Lname =
driver.findElement(By.name("ctl00$cphMainContent$txt_ContactInfo_LName"));
            Lname.sendKeys("Albaradeei");
            Reporter.log("The last name for contact is entered");

            // Enter email for contact information
            WebElement email =
driver.findElement(By.name("ctl00$cphMainContent$txt_ContactInfo_EmailAddress
"));
            email.sendKeys("Sarah@gmail.com");
            Reporter.log("The email is entered");

            // Enter phone number for contact information
            WebElement phone =
driver.findElement(By.name("ctl00$cphMainContent$txt_ContactInfo_PhoneNumber"
));
            phone.sendKeys("8885128394");
            Reporter.log("The phone number is entered");

            // Enter Address for contact information
            WebElement Address =
driver.findElement(By.name("ctl00$cphMainContent$txt_ContactInfo_Street1"));
            Address.sendKeys("ANDREA GARCIA 47 ANYVILLE RD NW #2 ANYTOWN AZ
01234");
            Reporter.log("The address is entered");

            // Enter zip code for contact information
            WebElement zip =
driver.findElement(By.name("ctl00$cphMainContent$txt_ContactInfo_ZipCode"));
            zip.sendKeys("12345");
            Reporter.log("The zip code is entered");

            // Enter city for contact information
            WebElement city =
driver.findElement(By.name("ctl00$cphMainContent$txt_ContactInfo_City"));
            city.sendKeys("NYC");
            Reporter.log("The city is entered");
```

```java
			// Select the state
			Select State = new
Select(driver.findElement(By.name("ctl00$cphMainContent$ddl_ContactInfo_State
")));
			State.selectByVisibleText("AK");
			Reporter.log("The state option is selected");

			// Enter fist name for payment information
			WebElement payFname =
driver.findElement(By.name("ctl00$cphMainContent$txt_PaymentInfo_FName"));
			payFname.sendKeys("Sarah");
			Reporter.log("The first name for payment information is
entered");

			// Enter last name for payment information
			WebElement payLname =
driver.findElement(By.name("ctl00$cphMainContent$txt_PaymentInfo_LName"));
			payLname.sendKeys("Sarah Albaradeei");
			Reporter.log("The last name for payment information is entered");

			// Enter wrong card number for payment information
			WebElement cardNum =
driver.findElement(By.name("ctl00$cphMainContent$txt_CC_Number"));
			cardNum.sendKeys("123456");
			Reporter.log("The card nimber is entered");

			// Select the expiry month
			Select month = new
Select(driver.findElement(By.name("ctl00$cphMainContent$ddl_CC_ExpirationMont
h")));
			month.selectByVisibleText("May");
			Reporter.log("The month option is selected");

			// Select the expiry year
			Select year = new
Select(driver.findElement(By.name("ctl00$cphMainContent$ddl_CC_ExpirationYear
")));
			year.selectByVisibleText("2023");
			Reporter.log("The year option is selected");

			// Enter zip code for payment information
			WebElement payZip =
driver.findElement(By.name("ctl00$cphMainContent$txt_CC_ZipCode"));
			payZip.sendKeys("12345");
			Reporter.log("The zip code for payment information is entered");

			// Enter cvv number
			WebElement cvv =
driver.findElement(By.name("ctl00$cphMainContent$txt_CC_SecurityCode"));
			cvv.sendKeys("123");
			Reporter.log("The cvv is entered");

			// Check the agreement
			WebElement agree =
driver.findElement(By.xpath("//label[contains(text(),'I understand')]"));
			agree.click();
			Reporter.log("The agreement is checked");
```

```java
			// Click on Agree & place order button
			WebElement placeOrder =
driver.findElement(By.id("ctl00_cphMainContent_imgbtn_CheckOut"));
			placeOrder.click();
			Reporter.log("The Agree & place order is clicked");

			// expected error text
			String exp = "Invalid Credit Card Number";
			// identify actual error message
			WebElement m =
driver.findElement(By.id("ctl00_cphMainContent_cv_txt_CC_Number"));
			String act = m.getText();
			System.out.println("Error message is: " + act);
			// verify error message with Assertion
			Assert.assertEquals(exp, act);

			Thread.sleep(5000);
			driver.close();
		}
}
```
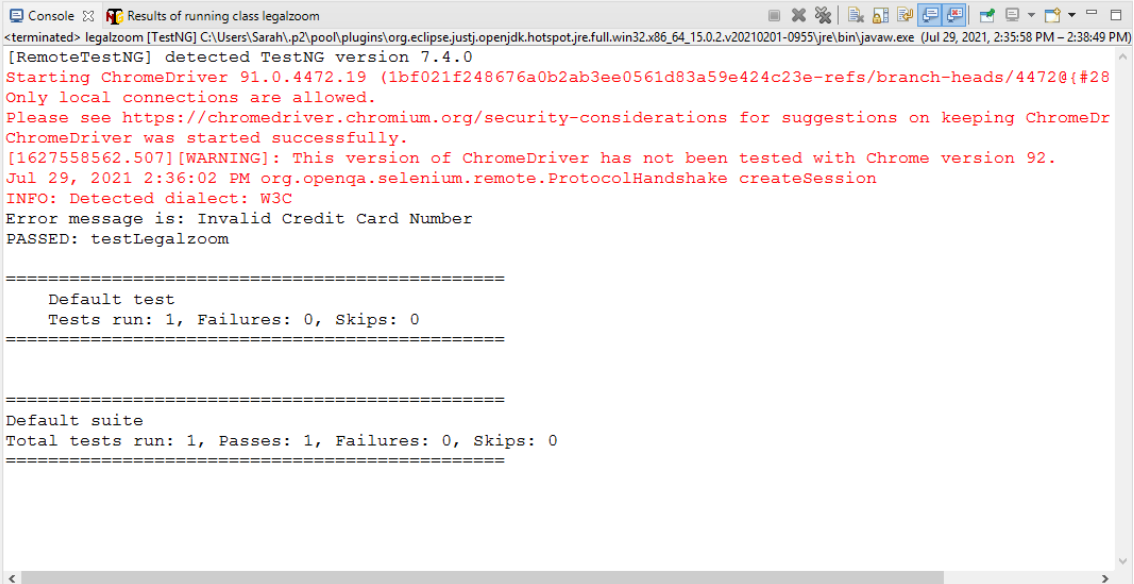
5 The output:

a. Java console:

b. TestNG result:
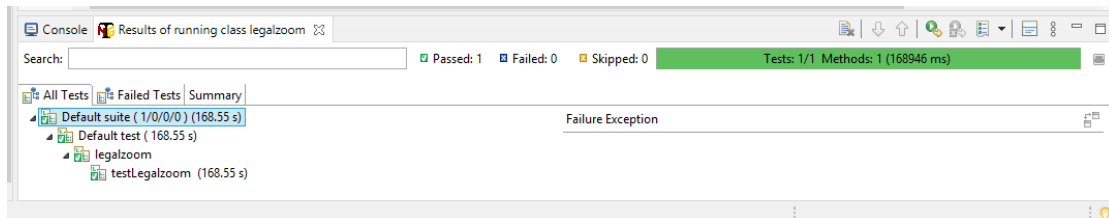
c. Emailable report:

Window Help

testng.xml | TestNG1.java | annTestNG.java | CrossBrowse... | frame.java | cal.groovy | legalzoom.java | TestNG Report

file:///C:/Users/Sarah/eclipse-workspace/TestNG/test-output/emailable-report.html#summary

Test	# Passed	# Skipped	# Retried	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite							
Default test	1	0	0	0	168,597		

Class	Method	Start	Time (ms)
Default suite			
Default test — passed			
legalzoom	testLegalzoom	1627558560110	168550

Default test

legalzoom#testLegalzoom

Messages
The browser is opened now
The browser is maximized
The legal zoom website is opened now
The Wills and trusts button is clicked
The Living trust learn more button is clicked
The get started button for Basic Living Trust is clicked
The questionnaire page is opened
The save and continue button is clicked
The option is checked
The first name is entered
The last name is entered
The no option is selected

The no option is selected
The Alabama option is selected
The Real Estate option is checked
The 100% is entered
The Jack is entered
The successor is entered
The continue button is clicked
The Complete your order is opened
The first name for contact information is entered
The last name for contact is entered
The email is entered
The phone number is entered
The successor is entered
The zip code is entered
The city is entered
The state option is selected
The first name for payment information is entered
The last name for payment information is entered
The card nimber is entered
The month option is selected
The year option is selected
The zip code for payment information is entered
The cvv is entered
The agreement is checked
The Agree & place order is clicked

back to summary

d. Testing Video

https://www.dropbox.com/s/13vq97ps3gdyy0a/legal%20zoom%20test.mp4?dl=0