ADACTING PROJECT USING DYNAMIC XPATH


```java
package com.genpact.testing;

import java.io.File;
import java.io.IOException;

import org.openqa.selenium.By;
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.io.FileHandler;
import org.openqa.selenium.support.ui.Select;

public class Adactin_Dynamic {
    public static void main(String[] args) throws InterruptedException, IOException {
        System.setProperty("webdriver.chrome.driver",
                "C:\\Users\\ELCOT\\eclipse-workspace\\Project\\chrome\\chromedriver.exe");
        WebDriver wb = new ChromeDriver();
        wb.get("https://adactinhotelapp.com/");

        WebElement email = wb
                .findElement(By.xpath("//span[@id='username_span']//preceding-sibling::input[@name='username']"));
        email.sendKeys("Gowtham2000");

        WebElement pass = wb
                .findElement(By.xpath("//span[@id='password_span']//preceding-sibling::input[@name='password']"));
        pass.sendKeys("@Gowtham");

        WebElement login = wb.findElement(By.xpath("//input[@name='login']"));
        login.click();

        WebElement location = wb
                .findElement(By.xpath("//span[@id='location_span']//preceding-sibling::select[@name='location']"));
        Select s = new Select(location);
        s.selectByValue("Melbourne");

        WebElement hotel = wb
                .findElement(By.xpath("//span[@id='hotel_span']//preceding-sibling::select[@name='hotels']"));
        Select s1 = new Select(hotel);
        s1.selectByValue("Hotel Sunshine");
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42
43      WebElement room = wb
44          .findElement(By.xpath("//span[@id='room_type_span']//preceding-sibling::select[@name='room_type']"));
45      Select s2 = new Select(room);
46      s2.selectByValue("Deluxe");
47
48      WebElement noroom = wb
49          .findElement(By.xpath("//span[@id='num_room_span']//preceding-sibling::select[@name='room_nos']"));
50      Select s3 = new Select(noroom);
51      s3.selectByValue("3");
52      WebElement checkin = wb
53          .findElement(By.xpath("//span[@id='checkin_span']//preceding-sibling::input[@name='datepick_in']"));
54      checkin.sendKeys("28.01.2022");
55
56      WebElement checkout = wb
57          .findElement(By.xpath("//span[@id='checkout_span']//preceding-sibling::input[@name='datepick_out']"));
58      checkout.sendKeys("30.01.2022");
59
60      WebElement adult = wb
61          .findElement(By.xpath("//span[@id='adults_room_span']//preceding-sibling::select[@name='adult_room']"));
62      Select s4 = new Select(adult);
63      s4.selectByValue("2");
64
65      WebElement child = wb
66          .findElement(By.xpath("//span[@id='child_room_span']//preceding-sibling::select[@name='child_room']"));
67      Select s5 = new Select(child);
68      s5.selectByValue("2");
69
70      wb.findElement(By.xpath("//input[@type='reset']//preceding-sibling::input[@name='Submit']")).click();
71      Thread.sleep(1000);
72      wb.findElement(By.xpath("//td[@bgcolor='#FFFFFF']//child::input[@name='radiobutton_0']")).click();
73
74      wb.findElement(By.xpath("//input[@type='button']//preceding-sibling::input[@type='submit']")).click();
75
76      wb.findElement(By.xpath("//label[@id='first_name_span']//preceding-sibling::input[@type='text']"))
77          .sendKeys("Vinoth");
78      wb.findElement(By.xpath("//label[@id='last_name_span']//preceding-sibling::input[@type='text']"))
79          .sendKeys("Venkatesh");
80
81      wb.findElement(By.xpath("//td[@align='right']//following::textarea[@name='address']"))
82          .sendKeys("60/a Thimmaraya samuthiram, T v Kovil, Trichy-5");
83
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83
84      wb.findElement(By.xpath("//td[@align='right']//following::input[@name='cc_num']")).sendKeys("1234567890212344");
85
86      WebElement cardtype = wb.findElement(By.xpath("//td[@align='right']//following::select[@name='cc_type']"));
87      Select s6 = new Select(cardtype);
88      s6.selectByVisibleText("American Express");
89
90      WebElement expmonth = wb.findElement(By.xpath("//td[@align='right']//following::select[@name='cc_exp_month']"));
91      Select s7 = new Select(expmonth);
92      s7.selectByValue("5");
93
94      WebElement expyear = wb.findElement(By.xpath("//td[@align='right']//following::select[@name='cc_exp_year']"));
95      Select s8 = new Select(expyear);
96      s8.selectByValue("2022");
97
98      wb.findElement(By.xpath("//td[@align='right']//following::input[@name='cc_cvv']")).sendKeys("123");
99      wb.findElement(By.xpath("//input[@type='button']//preceding::input[@name='book_now']")).click();
100     Thread.sleep(10000);
101     wb.findElement(By.xpath("//input[@name='my_itinerary']")).click();
102
103
104     TakesScreenshot ss = (TakesScreenshot) wb;
105     File r = ss.getScreenshotAs(OutputType.FILE);
106     File path = new File("C:\\Users\\ELCOT\\eclipse-workspace\\Project\\Common\\commons-io-2.11.0-src//a.png");
107     FileHandler.copy(r, path);
108
109     }
110 }
111
```

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☐	A84Z8R00D2	Cancel A84Z8R00D2	Hotel Sunshine	Melbourne	3 Rooms	Vinoth	Venkatesh	28/10/2022	29/10/2022	1 Days	Deluxe	AUD $ 375	AUD $ 424
☐	1P56727THS	Cancel 1P56727THS	Hotel Sunshine	Melbourne	3 Rooms	Vinoth	Venkatesh	28/10/2022	29/10/2022	1 Days	Deluxe	AUD $ 375	AUD $ 424
☐	8A18NQSL5A	Cancel 8A18NQSL5A	Hotel Sunshine	Melbourne	3 Rooms	Vinoth	Venkatesh	28/10/2022	29/10/2022	1 Days	Deluxe	AUD $ 375	AUD $ 424

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