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package seleniumProject;
import java.time.Duration;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
public class SeleniumProjectTest {
    WebDriver driver;

    public void launchBrowser() throws InterruptedException{
        System.setProperty("webdriver.chrome.driver","C:\\Users\\j.
satya\\Downloads\\chromedriver_win32\\chromedriver.exe");
        driver =new ChromeDriver();
        driver.get("https://www.makemytrip.com/railways/");
        String title = driver.getTitle();
        System.out.println("Title of the page is:"+title);
        String url = driver.getCurrentUrl();
        System.out.println("uRL of the page is:"+url);

        driver.findElement(By.xpath("//*[@id='root']/div/div[2]/div/div/div/div[2]/div/div[1]/
label/span")).click();
        Thread.sleep(1000);

        driver.findElement(By.xpath("//*[@id='root']/div/div[2]/div/div/div/div[2]/div/div[1]/
div[1]/div[1]/div/div/div/input")).sendKeys("Delhi");
        Thread.sleep(2000);
        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));
        int length = driver.findElements(By.cssSelector("ul.react-
autosuggest_suggestions-list>li")).size();
        System.out.println("Length of the list is:"+length);
        for(int i=0;i<length;i++) {
            String element =driver.findElements(By.cssSelector("ul.react-
autosuggest_suggestions-
list>li>div>div>p.searchedResult.font 14.darkText>span")).get(i).getText();
            System.out.println("element is:"+element);
            if(element.equals("Delhi")) {
                driver.findElements(By.cssSelector("ul.react-autosuggest_suggestions-
list>li>div>div>p.searchedResult.font 14.darkText>span")).get(i).click();
                break;
            }
        }

        driver.findElement(By.xpath("//*[@void='root']/div/div[2]/div/div/div/div[2]/div/div[
2]/label/span")).click();
        Thread.sleep(1000);

        driver.findElement(By.xpath("//*[@id='root']/div/div[2]/div/div/div/div[2]/div/div[2]/
div[1]/div/div/div/input")).sendKeys("Lucknow");
        Thread.sleep(2000);
        length = driver.findElements(By.cssSelector("ul.react-autosuggest_suggestions-
list>li")).size();
    }
}

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        System.out.println("Length of the list is :"+length);
        for(int i=0;i<length;i++) {
            String element = driver.findElements(By.cssSelector("ul.react-
autosuggest_suggestions-
list>li>div>div>p.searchedResult.font14.darkText>span")).get(i).getText();
            System.out.println("Element is:"+element);
            if(element.equals("Lucknow")) {
                driver.findElements(By.cssSelector("ul.react-autosuggest_suggestions-
list>li>div>div>p.searchedResult.font14.darkText>span")).get(i).click();
                break;
            }
        }
        Thread.sleep(2000);

        driver.findElement(By.xpath("//*[ @id='root']/div/div[2]/div/div/div/div[2]/div/div[3]"
)).click();
        Thread.sleep(2000);

        driver.findElement(By.xpath("//*[ @id='root']/div/div[2]/div/div/div/div[2]/div/div[3]/
div[1]/div/div/div/div[2]/div/div[2]/div[1]/div[3]/div[3]/div[6]")).click();
        Thread.sleep(2000);

        driver.findElement(By.xpath("//*[ @id='root']/div/div[2]/div/div/div/div[2]/div/div[4]"
)).click();
        length=driver.findElements(By.cssSelector("ul.travelForPopup>li")).size();
        System.out.println("Length of the list is:"+length);
        for(int i=0;i<length;i++) {
            String element=
driver.findElements(By.cssSelector("ul.travelForPopup>li")).get(i).getText();
            System.out.println("Element is:"+element);
            if(element.equals("Third AC")) {
                driver.findElements(By.cssSelector("ul.travelForPopup>li")).get(i).click();
                break;
            }
        }
        Thread.sleep(2000);

        driver.findElement(By.xpath("//*[ @id='root']/div/div[2]/div/div/div/div[2]/p/a")).cl
ick();
        driver.close();
    }
    public static void main(String args[]) throws InterruptedException {
        SeleniumProjectTest obj =new SeleniumProjectTest();
        obj.launchBrowser();
    }
}

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