**package** testCase;

**import** java.io.File;

**import** java.io.IOException;

**import** org.apache.commons.io.FileUtils;

**import** org.apache.log4j.Logger;

**import** org.openqa.selenium.Alert;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.JavascriptExecutor;

**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.support.ui.ExpectedConditions;

**import** org.openqa.selenium.support.ui.Select;

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

**import** helper.Logger.LoggerHelper;

**public** **class** LoginSpicejet {

WebDriver driver;

**private** **final** Logger log = LoggerHelper.*getLogger*(LoginSpicejet.**class**.getClass());

**public** **void** SpiceJetBrowserLunch() {

log.info("chrome Browser Lunching");

// getBrowser("chrome");

System.*setProperty*("webdriver.chrome.driver",System.*getProperty*("user.dir") + "/Driver/chromedriver.exe");

driver = **new** ChromeDriver();

log.info("Url Lunching...");

driver.get("http://spicejet.com/");

// driver.manage().window().maximize();

log.info("Waiting for 5 Sec...");

//implicitwait(5);

}

**public** WebElement waitforElement(WebDriver driver, **long** time,WebElement element) {

WebDriverWait wait = **new** WebDriverWait(driver, time);

**return** wait.until(ExpectedConditions.*elementToBeClickable*(element));

}

**public** **void** oneWayFlightSearch() **throws** InterruptedException, IOException {

driver.findElement(By.*xpath*("//label[contains(text(),'One Way')]/preceding-sibling::input")).click();

Thread.*sleep*(3000) ;

WebElement elementFrom = driver.findElement(By.*xpath*("//div[@id='marketCityPair\_1']/div/div[1]/select"));

elementFrom.click();

waitforElement(driver, 2, elementFrom);

Select fromSelect = **new** Select(elementFrom);

fromSelect.selectByVisibleText("Bengaluru (BLR)");

WebElement elementTo = driver.findElement(By.*xpath*("//label[contains(text(),'TO')]/ancestor::div[2]/select"));

// elementTo.click();

waitforElement(driver, 3, elementTo);

Select toSelect = **new** Select(elementTo);

toSelect.selectByVisibleText("Varanasi (VNS)");

// for calendar

WebElement dateElement = driver.findElement(By.*xpath*("//div[@id='ui-datepicker-div']/table/tbody/tr[5]/td[1]"));

waitforElement(driver, 3, dateElement);

dateElement.click();

log.info("Date Selected..");

Thread.*sleep*(3000);

// for Adult

WebElement adultElement = driver.findElement(By.*xpath*("//div[@class='row1 adult-infant-child']/p[1]/span/following-sibling::select"));

adultElement.click();

Select adultSelect = **new** Select(adultElement);

adultSelect.selectByVisibleText("1");

log.info("Adult Selected..");

// for Child

WebElement childElement = driver.findElement(By.*xpath*("//div[@class='row1 adult-infant-child']/p[2]/span/following-sibling::select"));

childElement.click();

Select childSelect = **new** Select(childElement);

childSelect.selectByValue("0");

log.info("Child Selected..");

// for INFANT

WebElement infantElement = driver.findElement(By.*xpath*("//div[@class='row1 adult-infant-child']/p[3]/span/following-sibling::select"));

infantElement.click();

Select infantSelect = **new** Select(infantElement);

infantSelect.selectByIndex(0);

log.info("Infant Selected..");

// Select for CURRENCY

WebElement countryElement = driver.findElement(By.*xpath*("//div[@class='currency-dropdown']/select"));

countryElement.click();

Select countrySelect = **new** Select(countryElement);

countrySelect.selectByVisibleText("INR");

// click on Select Button

driver.findElement(By.*xpath*("//input[@type='submit']")).click();

log.info("Flight Search Successful....");

//select flight

driver.findElement(By.*xpath*("//table[starts-with(@id,'availabilityTable')]/tbody/tr[4]/td[4]/p/input")).click();

//click on Button for move next page

Thread.*sleep*(4000);

WebElement buttonClick = driver.findElement(By.*xpath*("//div[@id='continue-to-contact-page']/span[1]"));

waitforElement(driver, 5, buttonClick);

buttonClick.click();

Thread.*sleep*(4000);

//details of pacenger

WebElement selectTitle = driver.findElement(By.*xpath*("//select[@class='wLrgs dropdown-caps required']"));

**new** Select(selectTitle).selectByVisibleText("Mr");

driver.findElement(By.*xpath*("//label[contains(text(),'First name')]/ancestor::div[1]/following-sibling::div/input[1]")).sendKeys("rohit");

driver.findElement(By.*xpath*("//label[contains(text(),'Last name')]/ancestor::div[1]/following-sibling::div/input[1]")).sendKeys("kumar");

driver.findElement(By.*xpath*("//label[contains(text(),'Preferred Mobile No.')]/ancestor::div[1]/following-sibling::div/span[2]/input")).sendKeys("9936898566");

driver.findElement(By.*xpath*("//label[contains(text(),'Email address')]/ancestor::div[1]/following-sibling::div/input")).sendKeys("demo123we@gmail.com");

WebElement selectCity = driver.findElement(By.*xpath*("//select[@class='cities\_india']"));

**new** Select(selectCity).selectByVisibleText("Bengaluru");

Thread.*sleep*(4000);

JavascriptExecutor js= (JavascriptExecutor)driver;

js.executeScript("window.scrollBy(0,350)", "");

driver.findElement(By.*xpath*("//div[starts-with(@id,'passengerInputContainer')]/p/input")).click();

WebElement titleSellect = driver.findElement(By.*xpath*("//p[@class='member\_input\_ctr title-block']/select"));

**new** Select(titleSellect).selectByVisibleText("Mr");

driver.findElement(By.*xpath*("//\*[@id='continue-to-addons-page']/span")).click();

//take screen shot

TakesScreenshot tkscreen = (TakesScreenshot)driver;

File src = tkscreen.getScreenshotAs(OutputType.*FILE*);

FileUtils.*copyFile*(src, **new** File(System.*getProperty*("user.dir")+"/src/screenShot/spicejet\_screenShot1.png"));

Thread.*sleep*(3000);

log.info("screen Shot taked Successfully..");

driver.findElement(By.*xpath*("//div[@id='continue-to-payment-page']/span")).click();

log.info("clicking on ADD ONS PAge");

//seat assignment

driver.findElement(By.*xpath*("//div[@id='continue-to-addons-page']/span[1]")).click();

log.info("clicking on SEAT ASSIGNMENT");

//popUp handling

//conmbo meals

log.info("PopUp Handeling start....");

String win1 = driver.getWindowHandle();

log.info("PopUp Handeling start 11111....");

WebElement comSelect = driver.findElement(By.*xpath*("//div[@id='SpiceMaxSeatPassengerTable']/table/tbody/tr[2]/td[2]/select"));

comSelect.click();

**new** Select(comSelect).selectByVisibleText("Vegetarian");

//combp meals 2B - PreferredSeat

WebElement comSelectDes = driver.findElement(By.*xpath*("//div[@id='SpiceMaxSeatPassengerTable']/table/tbody/tr[2]/td[3]/select"));

comSelectDes.click();

**new** Select(comSelectDes).selectByVisibleText("Non-vegetarian");

log.info("PopUp Handeling completed....");

WebElement popElement = driver.findElement(By.*xpath*("//button[@id='btnSMMConfirm']/span"));

popElement.click();

log.info("Navigating to payment page...");

File src1 = tkscreen.getScreenshotAs(OutputType.*FILE*);

FileUtils.*copyFile*(src1, **new** File(System.*getProperty*("user.dir")+"/src/screenShot/spicejet\_screenShot\_paymentpage.png"));

log.info("Payment page screen shot taken successfully...");

}

**public** **void** browserClose() {

driver.quit();

}

**public** **static** **void** main(String[] args) **throws** InterruptedException, IOException {

// **TODO** Auto-generated method stub

LoginSpicejet test = **new** LoginSpicejet();

test.SpiceJetBrowserLunch();

test.oneWayFlightSearch();

test.browserClose();

}

}