Project on Spicejet Website to flight Booking

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SLA Testing Batch

ABSTRACT

1.Objective: Automation of the booking the flight tickets process SpiceJet using Selenium TestNG and Maven with Page object model in Eclipse.

2.Steps:

- Sign in with mobile no. and password.
- Booking round trip and selecting the from to locations Selecting the date and Adding Number of Passenger.
- Apply it then search for flights.
- Selecting Flight price.
- Filling the main details then filling each passenger details one by one then continue.
- Selecting the seats.
- Finally proceed to payment.

3.Purpose: Automated testing improves the productivity and accuracy of booking the flights on the Spicejet.

Testing Spicejet Website in browser

```
package Chome;

import java.io.File;
import java.io.IOException;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Keys;
import org.openqa.selenium.OutputType;
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.interactions.Actions;
import org.testng.Assert;
import org.testng.annotations.Test;
import com.google.common.io.Files;
import pageTest.Information;
import pageTest.BookSeat;
import pageTest.Booking;
import pageTest.Login;
import resources.Base;

public class MainPage extends Base {

   public WebDriver driver;
   @Test
   public void loginBase() throws  InterruptedException, IOException {
      driver = initializeDriver();
      driver.get(pro.getProperty("url"));


      //Login Process
      Login log = new Login(driver);
      Thread.sleep(2000);
      log.Loginbtn().click();
      log.Phone().sendKeys("8610170598");
      log.Password().sendKeys("Hello");
      Thread.sleep(2000);
      log.Loginbtn1().click();

      if(log.Failure().isDisplayed()) {
           log.Phone().sendKeys(Keys.CONTROL + "a");
           log.Phone().sendKeys(Keys.DELETE);
           log.Password().sendKeys(Keys.CONTROL + "a");
           log.Password().sendKeys(Keys.DELETE);

           Thread.sleep(4000);
```

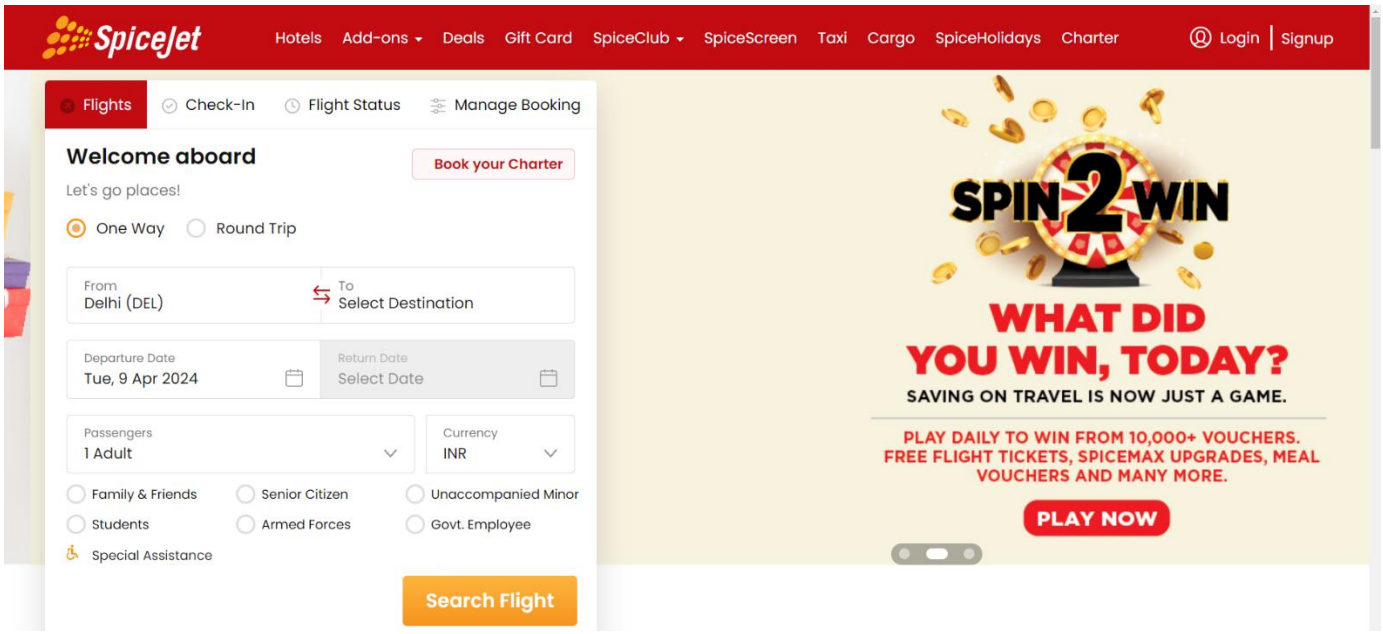
```
    log.Phone().sendKeys("8610170598");
   log.Password().sendKeys("#Naruto2002");
   File src1 = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
   Files.copy(src1, new File("E:\\Code\\Selenium\\Spicejet.com\\ScreenShot\\1.Login.png"));
   log.Loginbtn1().click();
}
//Booking process
Booking book = new Booking(driver);
Actions act = new Actions(driver);
Thread.sleep(5000);
act.click(book.RoundTrip()).perform();
book.From().sendKeys("MAA");
Thread.sleep(1000);
book.To().sendKeys("DEL",Keys.ENTER);
Thread.sleep(2000);
book.Date1().click();
book.Date2().click();
book.Passengers().click();
for (int i = 1;i<4;i++) {
   book.Adultbtn().click();
}
int i = 1;
while(i<=2){
   book.ChildBtn().click();
   book.Infantbtn().click();
   i++;
}
book.Donebtn().click();

Assert.assertEquals(book.Check().getText(),"4 Adults, 2 Children, 2 Infants");
File src2 = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
Files.copy(src2, new File("E:\\Code\\Selenium\\Spicejet.com\\ScreenShot\\2.Information.png"));
book.Searchbtn().click();

JavascriptExecutor js = (JavascriptExecutor) driver;
File src3 = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
Files.copy(src3, new File("E:\\Code\\Selenium\\Spicejet.com\\ScreenShot\\3.Check.png"));
Thread.sleep(6000);
book.Continue().click();
    //Filling the personal details
    Information info = new Information(driver);
    Thread.sleep(8000);
   info.City().sendKeys("Chennai");
   File src4 = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
   Files.copy(src4, new File("E:\\Code\\Selenium\\Spicejet.com\\ScreenShot\\4.Contact.png"));

    String[] texts = {"9972798419","8672076111","6482056839","9471503592"};
    info.P1First().sendKeys("Vignesh");
    info.P1Last().sendKeys("Raj");
```

```
WebElement input1 = info.Tickbox().get(0);
input1.sendKeys(texts[0]);
Thread.sleep(2000);
info.Infobtn().click();

info.P2First().sendKeys("Ram");
info.P2Last().sendKeys("Sunder");
WebElement input2 = info.Tickbox().get(0);
input2.sendKeys(texts[1]);
Thread.sleep(2000);
info.Infobtn().click();

js.executeScript("window.scrollBy(0,100)");
info.Default().click();
info.Select2().click();
info.P3First().sendKeys("Naisha");
info.P3Last().sendKeys("Karan");
WebElement input3 = info.Tickbox().get(0);
input3.sendKeys(texts[2]);
Thread.sleep(2000);
info.Infobtn().click();

info.Default().click();
info.Select2().click();
js.executeScript("window.scrollBy(0,100)");
info.P4First().sendKeys("Priyanka");
info.P4Last().sendKeys("Sarala");
WebElement input4 = info.Tickbox().get(0);
input4.sendKeys(texts[3]);
Thread.sleep(2000);
info.Infobtn().click();

info.Default().click();
info.Selectop2().click();
info.P5First().sendKeys("Ravi");
info.P5Last().sendKeys("Kannan");
Thread.sleep(2000);
info.Infobtn().click();

info.Default().click();
info.Selectop1().click();
info.P6First().sendKeys("Kavi");
info.P6Last().sendKeys("Shree");
Thread.sleep(2000);
info.Infobtn().click();

info.Title1().click();
info.Selectop2().click();
info.P7First().sendKeys("Saran");
```

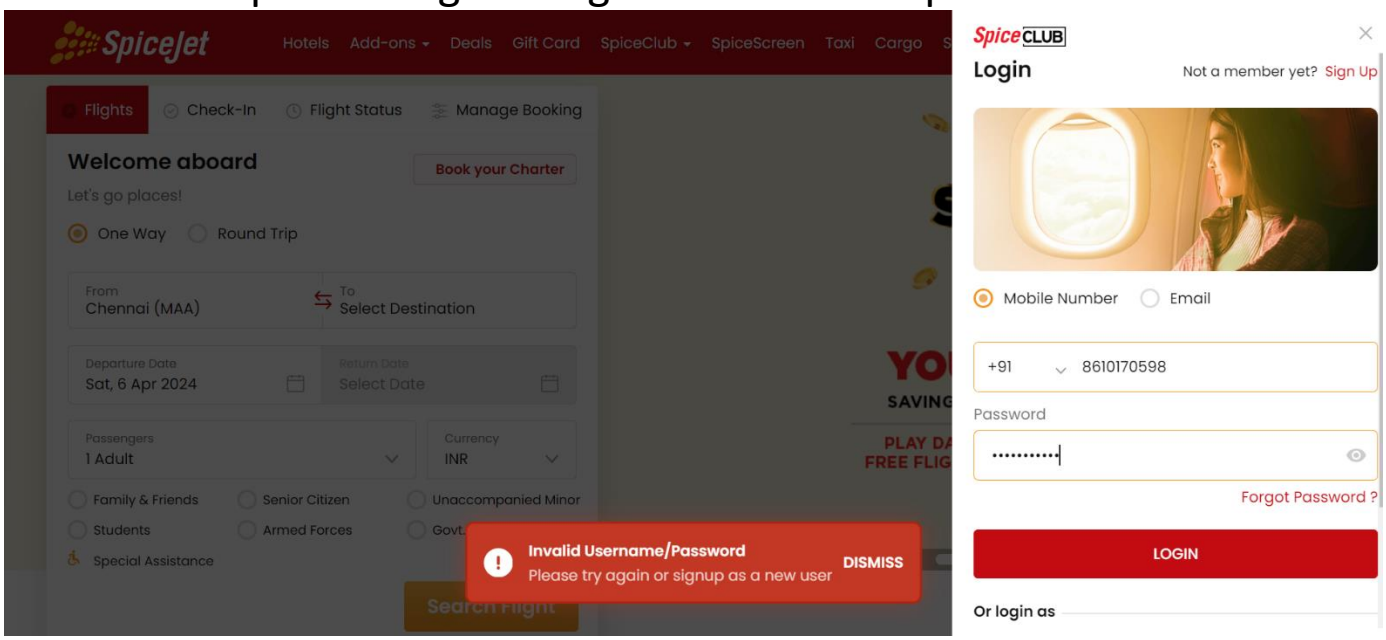
```
            info.P7Last().sendKeys("Vel");
            info.Birth().click();
            info.Year().click();
            info.Month().click();
            info.Date().click();
            info.Travel1().click();
            info.Pick1().click();
            Thread.sleep(2000);
            info.Infobtn().click();

            js.executeScript("window.scrollBy(0,100)");
            info.Title1().click();
            info.Selectop1().click();
            info.P8First().sendKeys("Karishma");
            info.P8Last().sendKeys("Shree");
            info.Birth().click();
            info.Year().click();
            info.Month().click();
            info.Date().click();
            info.Travel2().click();
            info.Pick2().click();
            js.executeScript("window.scrollBy(0,-300)");
            info.Justbtn().click();
          File src5 = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
          Files.copy(src5, new File("E:\\Code\\Selenium\\Spicejet.com\\ScreenShot\\5.Information.png"));
            Thread.sleep(4000);
            info.Con().click();

            //Booking the seats
            BookSeat seat=new BookSeat(driver);
            Thread.sleep(2000);
            seat.PreBook().click();
            Thread.sleep(4000);
            seat.Seat1().click();
            seat.Seat4().click();
            seat.Seat2().click();
            seat.Seat5().click();
            seat.Seat3().click();
            seat.Seat6().click();
            Thread.sleep(5000);
            seat.Done().click();
            js.executeScript("window.scrollBy(0,950)");
            Thread.sleep(5000);
            seat.Continue().click();
            Thread.sleep(4000);
          File src6 = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
          Files.copy(src6, new File("E:\\Code\\Selenium\\Spicejet.com\\ScreenShot\\6.Payment.png"));
    }
}
```

Booking the flight tickets in spicejet

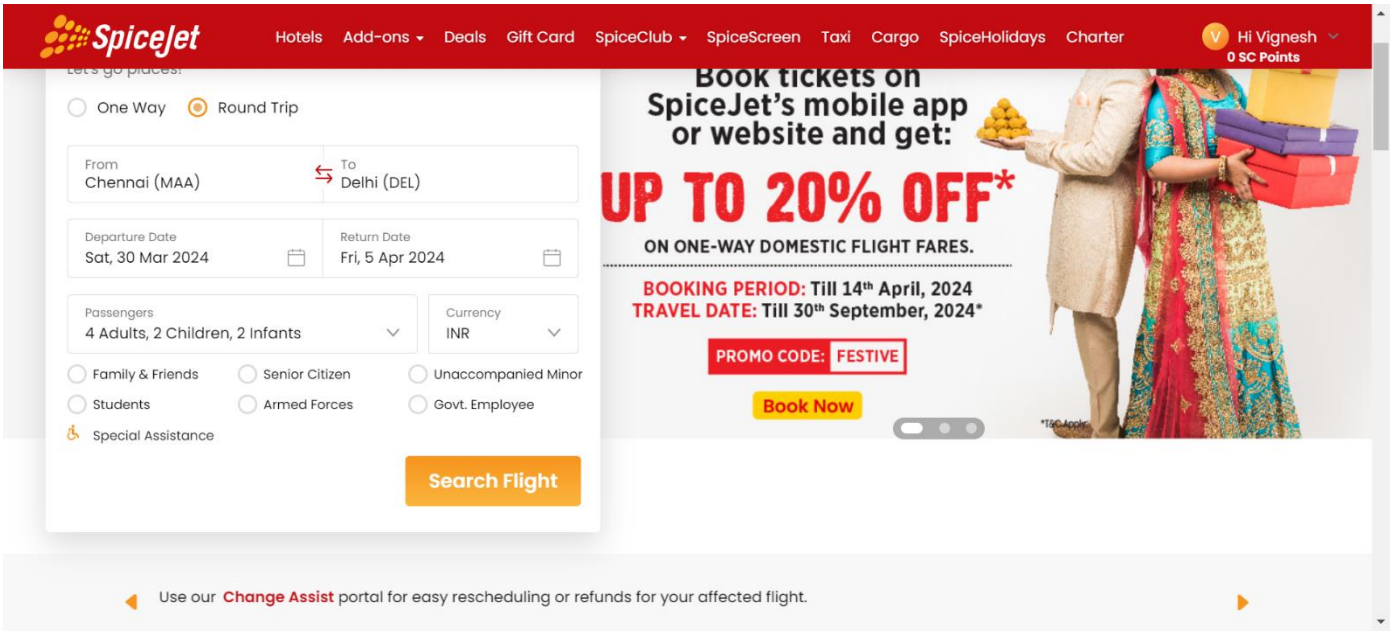
1.After the automated code runs



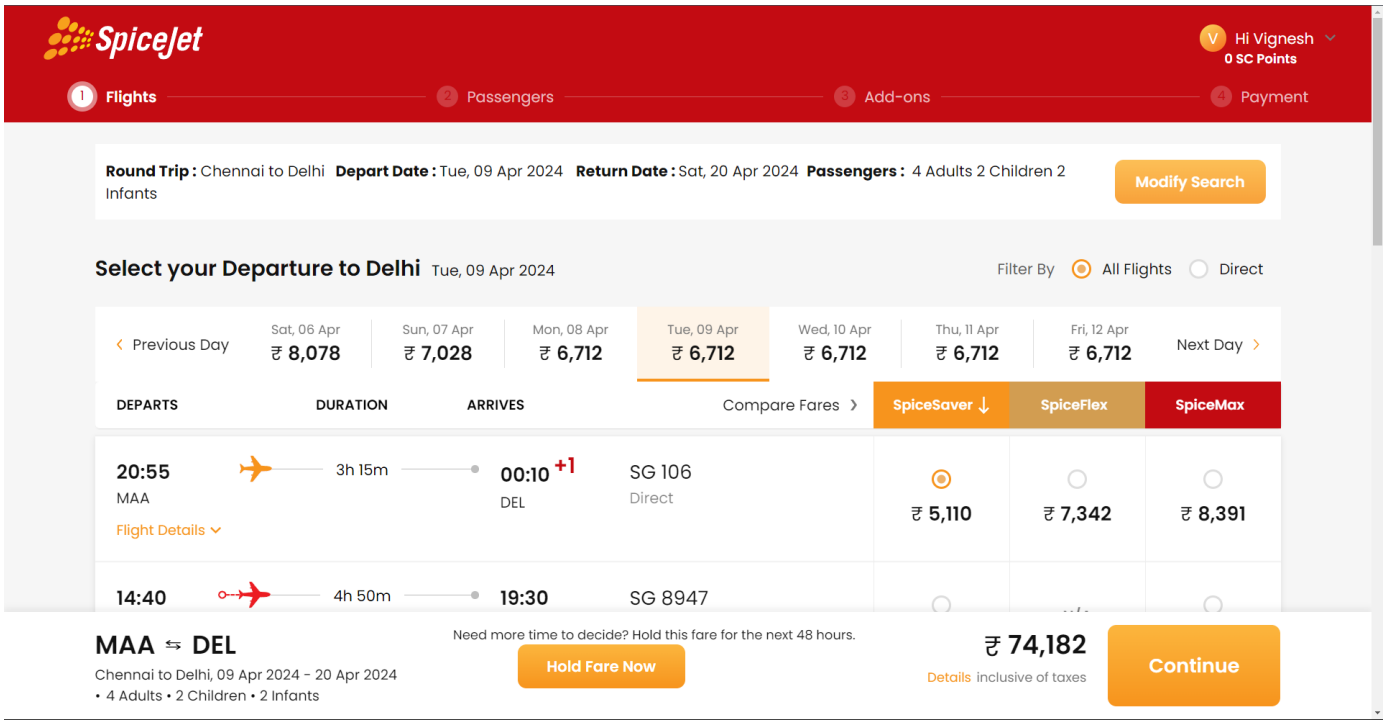
2.Second step it will login using mobile no. and password



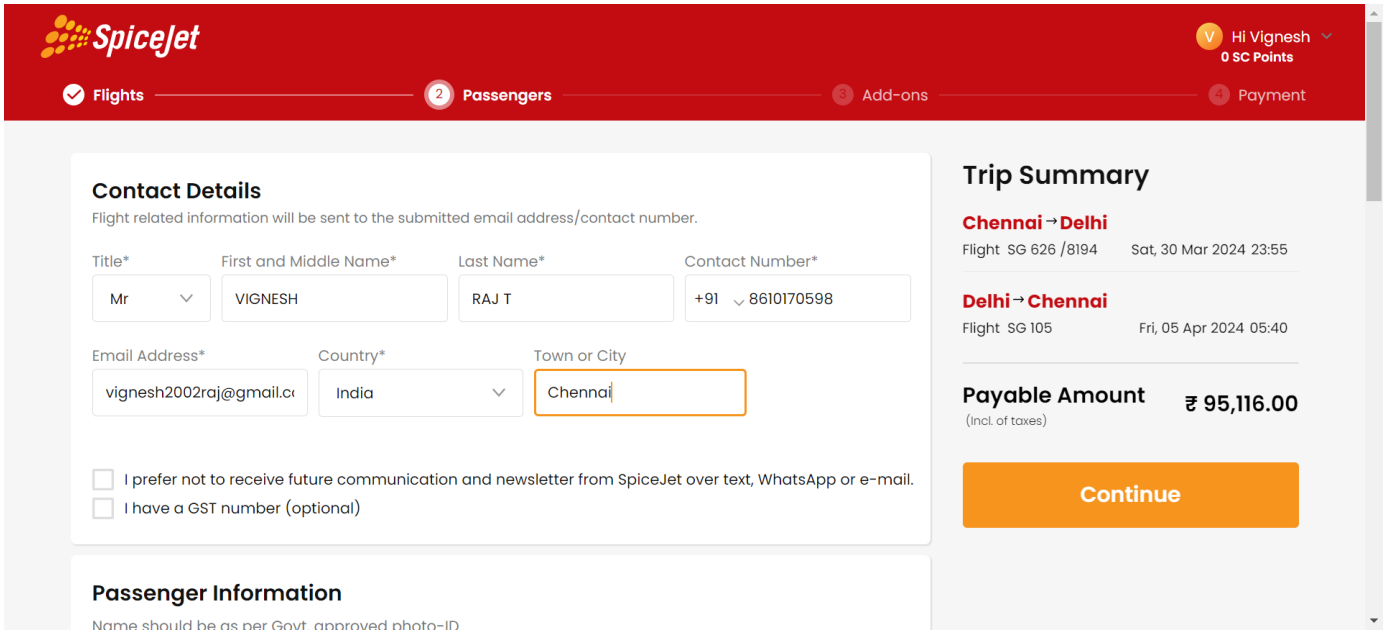
3.It will book the ticket



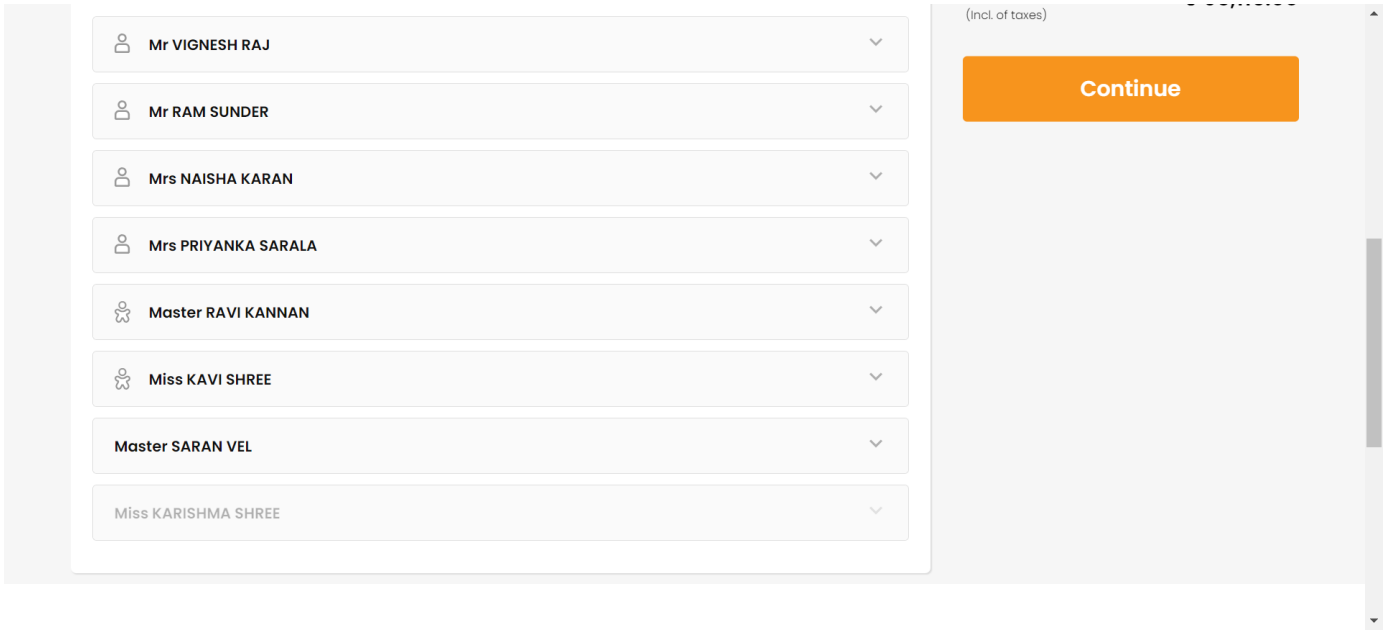
4.Checking the flight price



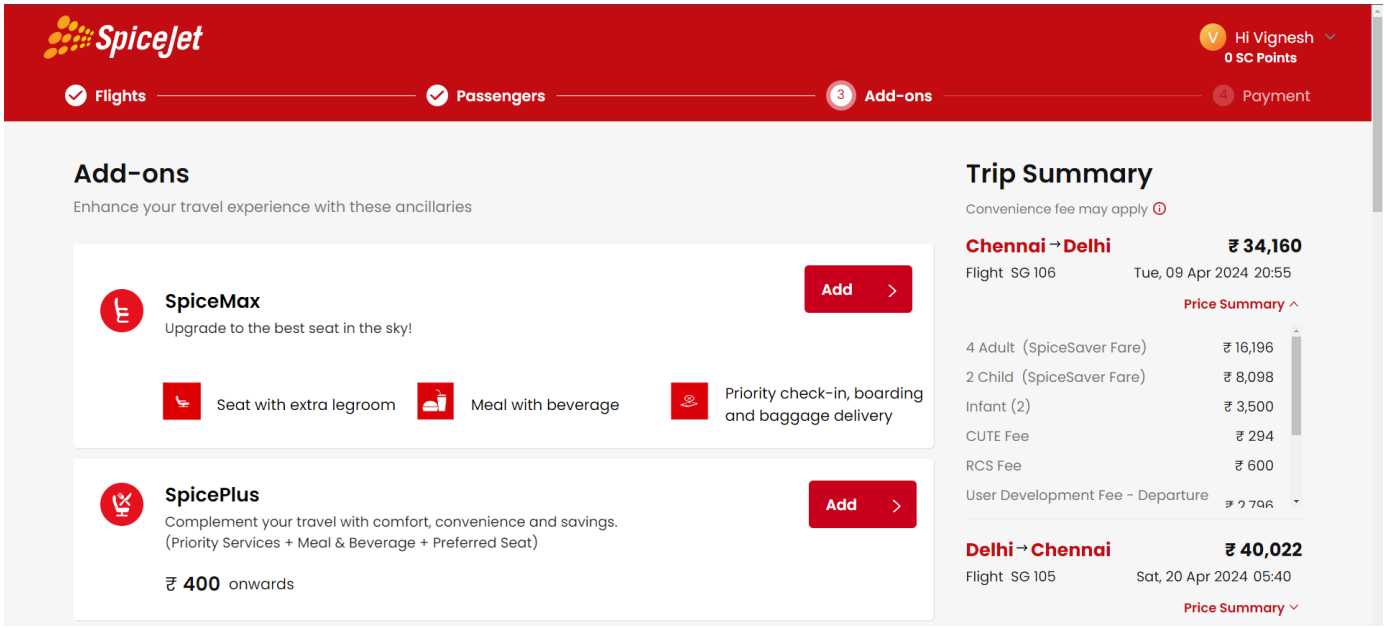
5.Filling the details

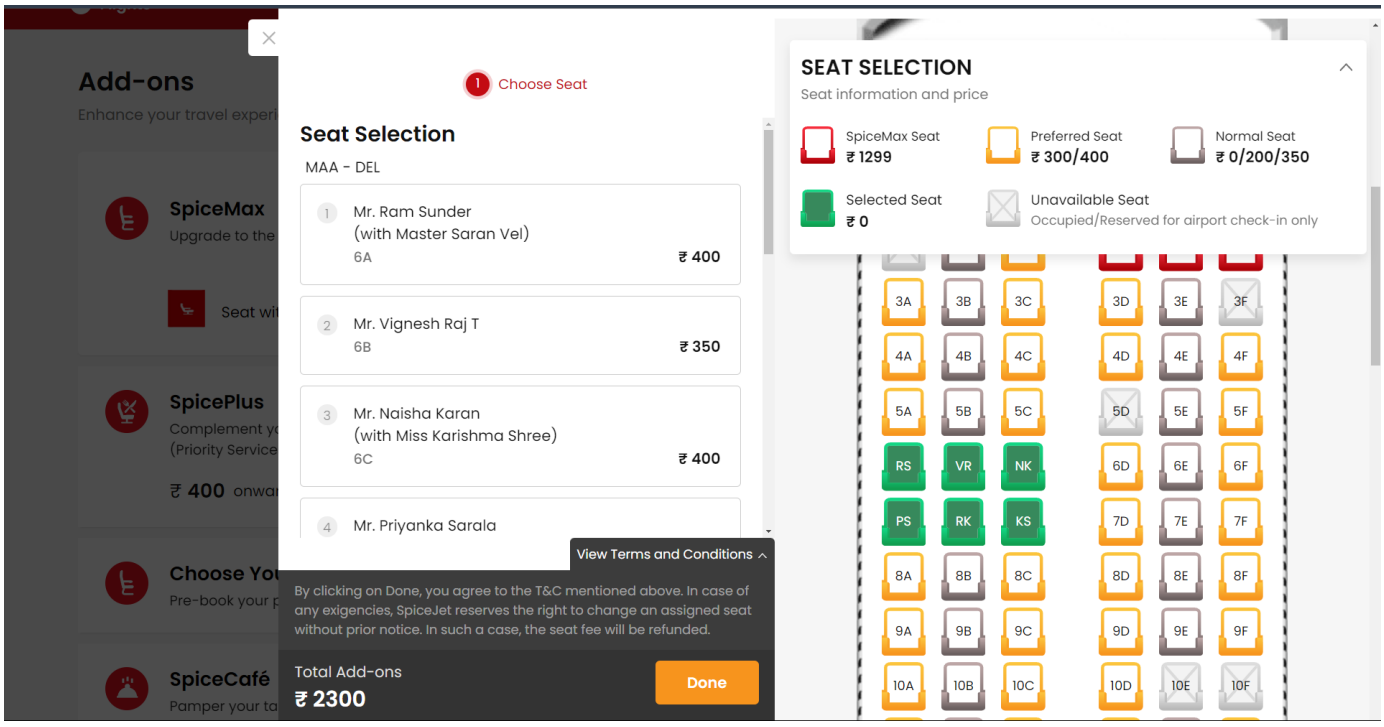


6.Filling the all passenger details

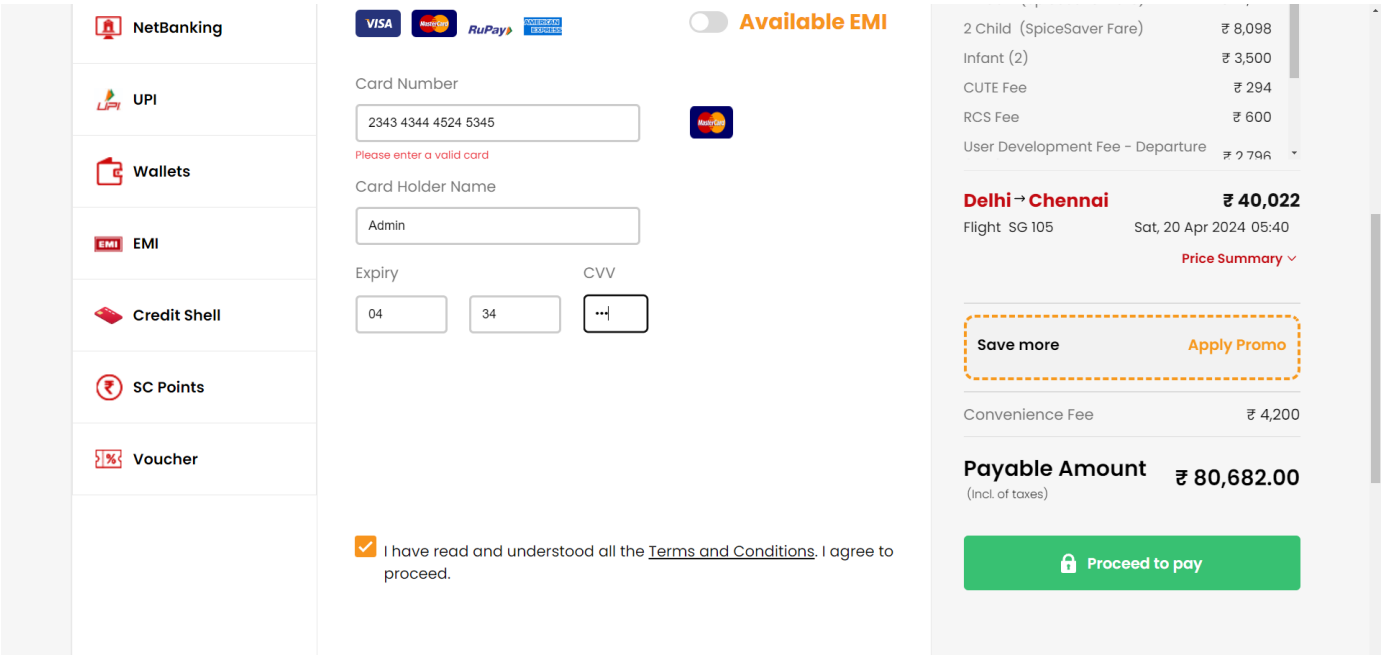


7.Booking the seats





8.Then it goes payment page



CONCLUSION

1.Outcome: Successful demonstration of streamlined automation for ordering laptops on spicejet.

2.Tools Used: Selenium in Eclipse.

3.Advantages: Improved efficiency in the ordering process. Reduction in manual errors during the transaction.

4.Resulting in: By using test automation, the project creates the foundation for future developments in online flight ticket booking experience optimization.