## Topic - Book one way outstation cab and display the lowest charges

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**Introduction to the Application:**

This is the ‘make my trip’ application where the user can avail various types of services on a single platform. The application provides information, pricing, availability, and booking facility for domestic and international air travel, domestic and international hotel bookings, holiday packages, buses, trains, in city activities, inter-city, and point-to-point cabs, homestays, and cruises. It also provides facility to order a gift card as per the user’s requirement.

**The testcase to be automated is:**

There are three different scenarios:

1.  Book one way outstation cab, From Delhi to Manali, Himachal Pradesh, give future date & time & Car type should be SUV; Display the lowest charges

1. Launch any browser ex: Chrome/Firefox.
2. Open the online website: <https://www.makemytrip.com/>
3. Navigate to home page of the application and click “Cabs” link.
4. Enter 'Delhi' in 'FROM' textbox and select the city from dropdown.
5. Enter 'Manali' in 'TO' textbox and select the destination from dropdown.
6. Select the departure date as appropriate from the 'DEPARTURE'
7. dropdown. Select the pick-up time as appropriate from the 'PICKUP'
8. dropdown. Click on 'SEARCH'.
9. Select the 'SUV' checkbox.
10. Print the available options on the console.

2. Find Corporate Gift Card in Gift Cards, fill card details & give invalid email; capture & display the error message

1. Launch any browser ex: Chrome/Firefox.
2. Open the online website : https://www.makemytrip.com/
3. Navigate to home page of the application and click “Gift Cards” link.
4. Scroll down the page and click on 'Corporate Gift Card'.
5. Click on 'E-Mail' to select 'Send Via' option.
6. Scroll down to fill the card details.
7. Enter the recipient's valid name in 'RECIPIENT'S NAME' textbox.
8. Enter the recipient's valid mobile number in 'RECIPIENT'S MOBILE NUMBER' textbox.
9. Enter the recipient's invalid email id in 'RECIPIENT'S E-MAIL ID' textbox.
10. Enter the sender's valid name in 'SENDER'S NAME' textbox.
11. Enter the sender's valid mobile number in 'SENDER'S MOBILE NUMBER' textbox.
12. Enter the sender's invalid email id in 'SENDER'S E-MAIL ID' textbox.
13. Click on 'BUY NOW' link.
14. Display and capture the error message.

3. On the Hotel booking page, extract all the numbers for adult persons and store in a List; Display the same

1. Launch any browser ex: Chrome/Firefox.
2. Open the online website: https://www.makemytrip.com/
3. Navigate to home page of the application and click “Hotels” link.
4. Click on 'ROOMS & GUESTS' link to see the number of adult persons.
5. Print the number of adult persons on the console.

**Framework used:**

We used Selenium web driver 3.141.59, Java, Maven Project to complete the automation for the case study. We have used POM framework to create method libraries. We have implemented the testcases in TestNG framework.

**Project Framework:**

Graphical user interface

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**Folder Structure in Framework:**

The maven project is “Hackathon”

It is having different repositories for different components in framework.

1. src/main/java > It has 3 different packages according to 3 scenarios.

‘com.mmp\_cabbooking.libraries’ > It has 3 classes according to 3

pages of the application.

‘com.mmp\_giftcard.libraries’ > It has 3 classes according to 3

pages of the application.

‘com.mmp\_hotelbooking.libraries’ > It has 1 page class.

2. src/test/java > ‘com.mmp.scripts’ is the package.

This package has 3 different test classes.

3.List of source folders in the framework is:

Drivers: This folder contains chrome and firefox driver.

ScreenShots: This folder contains the automated screenshot.

ObjectRepositories: This folder contains the URL and locator

Information in properties file for 3 test scenarios.

ExcelSheet: This folder contains excel sheets created as a result of

requirement of writing data to excel sheet.

ExtentReport: This folder contains the html report created after

execution of the project.

Resources: This folder contains log files of the test execution.

Testcase: This folder contains the test case in excel file.

4.testng.xml > This file contains the classes which we need to run as

TestNG suit.

**Steps to execute the script inside framework:**

Below are the steps which we need to follow while execution.

Step-1:

Open pom.xml, check the required dependencies.

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Clean and build the maven project from project menu of eclipse.

Crosscheck the content of the jars in “Maven dependencies” folder.

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Step-2:

Refresh the entire project.

Step-3:

Execute the entire project by running testng.xml files as a suite

**The console report is attached as below:**

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**The results of running suite is attached as below:**

Graphical user interface, application

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