AGODA :TESTING APPLICATION

FUNCTIONAL TESTING TEST SCENARIOS

1.Text Field
- Verify that gmail field is active or not
- Verify by entering valid gmail into the text field
- Verify by entering invalid gmail
- Verify that gmail can accept mail contains only numbers
- Verify that gmail is accepting without any special symbols
- Verify by entering mix of alphanumeric and special symbols
- Verify that placeholder default value is visible
- Verify that cursor changes when we move towards the textfield
- Verify the border of the textfield is highlighted when entering the text into it
- Verify without entering any data

2.Data Picker
- Verify that we can enter the date manually
- Verify that we can enter the future dates
- Verify that we can enter the same date for start and end date of journey
- Verify the maximum days the journey we can book
- Verify that calendar and text in the field is properly aligned or not
- Verify that both start and end date calendars are visible by select anyone of date options
- Verify that calendar is properly visible completely
- Verify that today date is highlighted even journey date is not today

3.Button
- Verify the Cursor is changing its shape to hand icon
- Verify that we can able to click the button
- Verify that background is changing when moving on button
- Verify that text in button is visible
- Verify that text color is changing that when hover over button
- Verify that button is properly aligned at right place

4.Link
- Verify that we can able to click the link
- Verify that shape of cursor is changed to hand when moved on link
- Verify that text color is changed when cursor is hover on it
- Verify that text and link is connected or not

5.Dropdown
- Verify by clicking multiple options in the text field
- Verify that default text is "select one option" in placeholder
- Verify without selecting any option
- Verify that all the options are linked with label
- Verify by selecting option and it is visible in placeholder text
- Verify the alignment of dropdown when clicked
- Verify we can drag the slidebar

6.Range Slider
- Verify by selecting the same price in slider
- Verify by selecting max price is less than min price
- Verify the maximum range we can select
- Verify the minimum range we can select
- Verify the color is same for any range

7.Check box
- Verify that we can click more than one option
- Verify the tick mark is appeared once that option is clicked
- Verify without clicking the any button
- Verify the default check box option
- Verify the state after selecting and unselecting option
- Verify that all the options are properly aligned
- Verify the text color is changed after the option is selected

8.Radio Button
- Verify that buttons are able to click
- Verify the button color is changed once selected
- Verify by selecting more than one option
- Verify by selecting without any option
- Verify selecting two options and first option is automatically deselected or not
- Verify that text color is changed or not when option is selected

INTEGRATION TEST SCENARIOS

Home→Checkout→booking→order details→payment

- Verify the destination place in checkout page is same as destination place in home page after clicking the search button
- Verify the logo in home page remain same for other pages
- Verify the date in checkout page is same as date in home page after clicking the search button
- Verify the number of persons in checkout page is same as in home page after clicking the search button
- Verify the details of hotel in the hotel page is same as details in checkout page after clicking the respective hotel
- Verify the type of room is displayed in order details page is same as in booking page after clicking book
- Verify the amount displayed on checkout section is same as in booking section after clicking on the link
- Verify the room cost in order details section is same as room cost in booking section
- Verify the total amount in order details section is same as payment page after clicking pay in order details
- Verify the facilities in booking page is same as in checkout page after clicking the link
- Verify that hotel name in order details page is same as booking section after clicking the details
- Verify the order page after payment successfully and verify the order status after clicking the refresh button
- Verify the rating and reviews in booking section is same as rating and reviews in checkout section after clicking the rating icon
- Verify the author name in travel info section and travel trip is same after clicking a travel trip link
- Verify the language in payment page is same as language in home section after selecting new language
- Verify that all the hotels are belongs to same location after selecting the respective city accommodation link
- Verify that the coupon is applied in order details page that shown in checkout hotels page

SYSTEM SCENARIOS

- Verify by booking hotel by using online payment
- Verify by booking hotel by using check in payment
- Verify by rating for hotel
- Verify by ordering cab in airport transfer
- Verify by clicking flight and hotel at the same time
- Verify that coupon code is applicable during payment
- Verify by writing a review for the hotel
- Verify by booking an activity in activity section
- Verify by buying a esim for a country
- Verify by uploading the travel itenary

SMOKE SCENARIOS

- Verify that gmail field is active or not
- Verify by entering gmail into the text field
- Verify that buttons are able to click
- Verify the tick mark is appeared once that option is clicked
- Verify that we can able to click the link
- Verify that we can enter the date manually
- Verify that calendar is properly visible completely
- Verify by booking hotel by using online payment
- Verify that all the options are properly aligned

TEST CASES

INTEGRATION TESTCASES

1.IT_TC_01: 🖻 Manual Testing project

2.IT_TC_02: 🖻 Manual Testing project

3.IT_TC_03: 🖻 Manual Testing project

4.IT_TC_04: 🖻 Manual Testing project

5.IT_TC_05: 🖻 Manual Testing project

SYSTEM TESTCASES

1.ST_TC_01: 🖻 Manual Testing project

2.ST_TC_02: 🖻 Manual Testing project

3.ST_TC_03: 🖻 Manual Testing project

4.ST_TC_04: 🖻 Manual Testing project

IMPACT ANALYSIS

SIGN UP MODULE

If defect is found in sign up module these are the possible impact areas

- Signup
- Login
- Profile
- My Bookings
- Subscription
- Home
- Agoda Cash
- My reviews

- Payment
- Coupons
- Language

LOGIN MODULE

If defect is found in login module these are the possible impact areas

- Login
- Home
- Profile
- My Bookings
- Subscription
- Home
- Agoda cash
- My reviews

HOME MODULE

If defect is found in login module these are the possible impact areas

- Home
- Payment
- Checkout
- Booking
- My bookings
- Profile
- Top destinations
- Promotions
- Recommendations
- About

CHECKOUT MODULE

If defect is found in checkout module these are the possible impact areas

- Checkout
- Booking
- Payment
- My bookings
- Hotel Reviews
- Maps
- Coupons
- Flight booking
- Home
- Wish list
- About

BOOKING MODULE

If defect is found in booking module these are the possible impact areas

- Booking
- Payment
- My bookings
- Hotel admin
- Reviews
- Maps
- flights

PAYMENT MODULE

If defect is found in payment module these are the possible impact areas

- Payment
- Upi
- My booking
- Profile
- Sign out
- Coupons
- Booking
- Checkout
- Promotions

DEFECTS
DE_ID_01.

In Checkout module if we scroll to end of the page the filter options are collapsing with about section

DE_ID_02

In home page we cannot book ticket for more than 20 days

Defect report for DE_ID_01: 🖼 Manual Testing project
Defect report for DE_ID_02: 🖼 Manual Testing project

SOFTWARE TESTING LIFE CYCLE

1.SYSTEM STUDY

- I explore the application and find how the system works and what are the data flow branches present and how the application works end to end.

2.WRITE TEST PLAN

- Based on my understanding i find many test strategies and in that many things i figured out a test strategy that suitable for my project
- I completed writing test scenarios for the applications

3.WRITE TESTCASE
- Test case is a document which helps to identify the presence of defect
- It is a step by step procedure to test an application
- Based on the scenarios we prepared in the before phase we will write test case for every scenario and write till actual result
- After completing the writing test case we proceed to prepare the RTM

4.PREPARE RTM(REQUIREMENT TRACEABILITY MATRIX)

- RTM is a document which is used to identify that every requirement has at least one test case.
- This helps to avoid defect leakage into the production server
- Based on the documents such as CRS,SRS,Test Scenarios and test case i prepare an RTM

Requirement ID	Testcase ID
R_M1_01	TC_M1_01
R_M1_02	TC_M1_02
R_M1_03	TC_M1_03
R_M1_04	TC_M1_04

5.EXECUTE THE TEST CASE

- After the developers developing the application UI/GUI is prepared it is transferred into testing server
- Test Engineer will test the application and complete the test case such as actual result and status and comments
- If both actual result and expected result is same then it is pass
- If both actual result and expected result is not same then it is fail that means there is defect
- While i am executing the test case i find that actual and expected result is not same that means a defect is present is application

6.DEFECT TRACKING

- Defect tracking is process between the new /open status and closed status of the defect
- Whenever there is defect the test engineer will prepare the defect report
- Test Engineer will track the defect

7.TEST EXECUTION REPORT

- After completing the testing the test engineer will prepare the test execution report

- In this test execution report it consists of test coverage ,total number of test cases prepared, total number of test cases passed and total number of test cases failed
- All the activities that test engineer done during testing will include in it
- This agoda report is the example of test execution report which consists of all the activities we performed

8. RETROSPECTIVE MEETING

- It is the meeting conducted after testing done the test lead is the host of the meeting
- All the members who are involved in the testing will participate in the meeting
- They will discuss what are the difficulties they face during testing and what are the possible defects may occurred in the application after some time
- All this is discussed and prepare the document for future projects to reference