QA-Assignment-1-And-2

Assignment-1

Answer-1:

1. Any clarification required in user story acceptance criteria.
    a. Is money to be refunded, if the user cancels the ticket on the same day of the journey? If yes, then how much percent of the ticket amount will be refunded?
    b. What will be the mode of payment of refund amount?
    c. What will be the format of cancellation mail or message sent to the user?
    d. Upper limit of the cancellation duration has to be included in which range?
    e. Is there an option of partial cancellation?
2. Any questions for the scope of the requirements.
    a. Is there any other means of communication to be provided to inform the user about successful/ failed cancellation of the ticket like through message on phone number, etc.?
    b. Do we need to show successful ticket cancellation message on screen?
    c. How will the money be refunded if ticket has been booked online or offline, i.e. in either of the cases?
    d. What is the process of money transfer, if the person doesn't have a bank account?
    e. What if cancellation is not successful? Do we need to send any mail in that case also?
    f. How can the user approach, if he doesn't get his refund amount back?
    g. What are the specified deadline or time limit/ duration to get ticket cancellation refund amount?
    h. What if the user doesn't have any email id?

Answer-2:

Test Coverage Scenarios

Positive test coverage scenario:-

Test coverage scenario id	Range	Expected output
1	Ticket cancellation date >Current date	Find difference between journey date and ticket cancellation date
1.1	>=60	70% refund
1.2	60 to 30	50% refund
1.3	30 to 10	35% refund
1.4	10 to 1	20% refund

Negative test coverage scenario:-

Test coverage scenario id	Range	Expected output
2	Ticket cancellation date < Current date	Invalid
2.1	> journey date	Invalid

Answer-3:

Test Cases for the Refund Amount calculations:-

Test Case ID	Test case summary	Test case description	Prerequisite for test case	Test steps	Expected Result	Test case result
1	If user cancel ticket 60 days prior to journey date	To test that 70% of the amount of ticket is refunded when user cancels the ticket 60 days prior to the journey date.	User log-in in the system.	1. Get all the ticket whose journey date is previous than current date. 2. Cancel ticket	70% of amount should be refunded	70% of amount refunded
2	If user cancels the ticket between 60-30 days prior to journey date.	To test that 50% of the amount of ticket is refunded when user cancels the ticket 60-30 days prior to the journey date.	User log-in in the system.	Same as above.	50% of amount should be refunded	50% of amount refunded
3	If user cancels the ticket between 30-10 days	To test that 35% of the amount of ticket is refunded when user cancels the ticket 30-10 days prior to the journey date.	User log-in in the system.	Same as above	35% of amount should be refunded	35% of amount refunded

4	If User cancels the ticket between 10-1 days	To test that 20% of the amount of ticket is refunded when user cancels the ticket 10-1 days prior to the journey date.	User log-in in the system .	Same as above	20% of the amount should be refunded.	20% of amount refunded

Answer-4:

1. **Use boundary Value analysis technique and provide the set of data which you will take for testing.**

Range	Limit	Value	Expected output
>=60	Lower limit	61	70% refund
		60	70% refund
		59	50% refund
59 to 30	Upper limit	60	70% refund
		59	50% refund
		58	50% refund
	Lower limit	31	50% refund
		30	50% refund
		29	35% refund
29 to 10	Upper limit	30	50% refund
		29	35% refund
		28	35% refund
	Lower limit	11	35% refund

		10	35% refund
		9	20% refund
9 to 1	Upper limit	10	35% refund
		9	20% refund
		8	20% refund
	Lower limit	2	20% refund
		1	20% refund
		0	invalid

b.) Use equivalence partitioning technique and create test data which you will use for testing.

Range	Invalid	Valid	Invalid
>=60	59	60, 67,70	121
59 to 30	29	59, 40, 45, 30	60
29 to 10	9	29, 20, 19, 10	30
9 to 1	0	9, 5, 3, 1	10

*** Assume 121 is upper limit for range >60.**

Assignment-2:

Here conditions & actions are specified as follows:-

Conditions:

- **Customer type (Values: Wholesaler and Retailer)**
- **Cash on Delivery (COD) (Values: Yes and No)**
- **Number of Units**

Actions:

- **No discount**
- **2% discount**
- **Additional 2% discount**

Type of customer	Wholesaler	Wholesaler	Wholesaler	Wholesaler	Retailer	Retailer	Retailer	Retailer
Cash on delivery	yes	yes	no	no	yes	yes	no	no
Number of items/ units	<50	>=50	<50	>=50	<50	>=50	<50	>=50
Total discount	4.00%	6.00%	2.00%	4.00%	2.00%	4.00%	0.00%	2.00%