**QA Testing GET**

**Module 1**

1. a) Any clarification required in user story acceptance criteria.

* What occurs if the user attempts to cancel on the day of the trip? Is it possible to cancel on the day of the trip (zero days in advance)?
* Should the entire ticket price or just the fare (not including taxes or service fees) be used to calculate refunds?
* In the event that the journey date has passed, what behavior is anticipated? Is the "Cancel Ticket" button going to be hidden or disabled?
* What occurs if the ticket is used by more than one passenger? Can I cancel in part?

b) Any questions for the scope of the requirements.

* What occurs if the user attempts to cancel on the day of the trip? Is it possible to cancel on the day of the trip ?
* Should the entire ticket price or just the fare (not including taxes or service fees) be used to calculate refunds?
* In the event that the journey date has passed, what behavior is anticipated? Is the "Cancel Ticket" button going to be hidden or disabled?

 What occurs if the ticket is used by more than one passenger? Can I cancel in part?

2. Create all Test Coverage Scenarios for the above User Story.

|  |  |
| --- | --- |
| Test Cases | Test Coverage |
| TC01 | Display "Cancel Ticket" button for tickets with journey date ≥ current date |
| TC02 | Hide "Cancel Ticket" button for tickets with journey date < current date |
| TC03 | Allow user to cancel ticket 61+ days before journey – refund 70% |
| TC04 | Cancel 60 to 30 days before journey – refund 50% |
| TC05 | Cancel 30 to 10 days before journey – refund 35% |
| TC06 | Cancel 10 to 1 day before journey – refund 20% |
| TC07 | Try canceling on journey date – verify behavior (as per clarification) |

3. Create Test Cases for the Refund Amount calculations for above user story:

|  |  |  |  |
| --- | --- | --- | --- |
| Test case Id | Days Before Journey | Expected Refund | Remarkes |
| TC1 | 61 days | 70% | Beyond 60 days threshold |
| TC2 | 60 days | 50% | Exact Boundary |
| TC3 | 45 days | 50% | Within 60-30 range |
| TC4 | 30 days | 35% | Exact boundary |
| TC5 | 20 days | 35% | Within 30-10 range |
| TC6 | 10 days | 20% | Exact Boundary |
| TC7 | 5 days | 20% | Within 10-1 range |
| TC8 | 1 day | 20% | Lower Boundary |
| TC9 | 0 | TBD | Needs Clarification |
| TC10 | -1 | 0% | No Refund |

4. For our use case:

a) Use boundary Value analysis technique and provide the set of

data which you will take for testing.

|  |  |  |
| --- | --- | --- |
| Test case Id | Days Before Journey | Expected Refund |
| TC1 | 61 days | 70% |
| TC2 | 60 days | 50% |
| TC3 | 59 days | 50% |
| TC4 | 30 days | 35% |
| TC5 | 29 days | 35% |
| TC6 | 10 days | 20% |
| TC7 | 9 days | 20% |
| TC8 | 1 day | 20% |
| TC9 | 0 | TBD |
| TC10 | -1 | 0% |

b) Use equivalence partitioning technique and create test data

which you will use for testing.

|  |  |  |
| --- | --- | --- |
| Partition | Days Before Journey | Expected Refund % |
| EP1(Valid > 60 days) | 70 | 70% |
| EP1(Valid 60 - 30 days) | 45 | 50% |
| EP1(Valid 30 -10 days) | 20 | 35% |
| EP1(Valid 10 - 1 day) | 5 | 20% |
| EP1(Valid > 60 days) | 0 | Not Refund |

**Assignment 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Condition | Wholesale Customer | Retail Customer | Cash on delivery | Order >=50 | Discount(%) |
| Wholesale Customer | Yes | No | Yes | Yes | 6% |
| Wholesale Customer | Yes | No | Yes | No | 4% |
| Retail Customer | No | Yes | Yes | Yes | 4% |
| Retail Customer | No | Yes | Yes | No | 2% |
| Wholesale Customer | Yes | No | No | Yes | 4% |
| Wholesale Customer | Yes | No | No | No | 2% |
| Retail Customer | No | Yes | No | Yes | 2% |
| Retail Customer | No | Yes | No | No | 0% |