Scenarios - :

* **Book a ticket with airline**
  + Make flight status as BookingOpen

|  |
| --- |
| **A1:**  **UpdateFlightStatus**  "A11","220314",0 |

* + Make a booking

|  |
| --- |
| **U1:**  **loadToWallet**  75 ETHER  **checkAvailability**  "A11","220314"  **book**  "A11","220314",1  **getWalletBalance** |

* + Eth should be given to airline account

|  |
| --- |
| **A1:**  **getWalletBalance** |

* **Cancel ticket before 2 to 24 hours**
  + Cancel booked ticket with airline with option 1

|  |
| --- |
| **U1:**  **cancel**  "A11","220314",1 |

* + Airline Clears dues

|  |
| --- |
| **A1:**  **clearDues**  **getWalletBalance** |

* + Eth should be given back to customer based on implemented %

|  |
| --- |
| **U1:**  **getWalletBalance** |

* **Cancel ticket before 24 to 96 hours**
  + Make flight status as BookingOpen

|  |
| --- |
| **A1:**  **UpdateFlightStatus**  "A11","220316",0 |

* + Cancel booked ticket with airline with option 2

|  |
| --- |
| **U2:**  **checkAvailability**  "A11","220316"  **loadToWallet**  75 ETHER  **book**  "A11","220316",1  **cancel**  "A11","220316",2 |

* + Airline Clears dues

|  |
| --- |
| **A1:**  **clearDues**  **getWalletBalance** |

* + Eth should be given back to customer based on implemented %`

|  |
| --- |
| **U2:**  **getWalletBalance** |

* **Delay flight**
  + Make flight status as BookingOpen

|  |
| --- |
| **A2:**  **UpdateFlightStatus**  "A21","220313",0 |

* + Make a booking

|  |
| --- |
| **U1:**  **checkAvailability**  "A21","220313"  **book**  "A21","220313",1  **getWalletBalance** |

* + Eth should be given to airline account

|  |
| --- |
| **A2:**  **getWalletBalance** |

* + Make flight status as delayed

|  |
| --- |
| **A2:**  **UpdateFlightStatus**  "A21","220313",2 |

* + Customer claim refunds from airline

|  |
| --- |
| **U1:**  **claimRefund**  "A21","220313” |

* + Airline to Clear dues

|  |
| --- |
| **A2:**  **clearDues** |

* + Eth should be given back to customer based on implemented %

|  |
| --- |
| **U2:**  **getWalletBalance** |

* **Flight Cancel**
  + Make flight status as BookingOpen

|  |
| --- |
| **A2:**  **UpdateFlightStatus**  "A22","220315",0 |

* + Make a booking

|  |
| --- |
| **U2:**  **checkAvailability**  "A22","220315"  **book**  "A22","220315",1  **getWalletBalance** |

* + Eth should be given to airline account

|  |
| --- |
| **A2:**  **getWalletBalance** |

* + Make flight status as cancelled

|  |
| --- |
| **A2:**  **UpdateFlightStatus**  "A21","220315",5 |

* + Customer claim refunds from airline

|  |
| --- |
| **U2:**  **claimRefund**  "A21","220315” |

* + Airline to Clear dues

|  |
| --- |
| **A2:**  **clearDues**  **getWalletBalance** |

* + Eth Should be give to the account

|  |
| --- |
| **U2:**    **getWalletBalance** |

* **Cancel Ticket post flight completion (Negative)**
  + Make flight status as BookingOpen

|  |
| --- |
| **A1:**  **UpdateFlightStatus**  "A12","220314",0 |

* + Make a booking

|  |
| --- |
| **U1:**  **book**  "A12","220314",1    **getWalletBalance** |

* + Make flight status as Landed

|  |
| --- |
| **A1:**  **UpdateFlightStatus**  "A12","220314",4 |

* + Customer attempt to cancel the flight

|  |
| --- |
| **U1:**  **cancel**  "A12","220314",0 |

* + Error out with invalid Status
* **Book Ticket with insufficient funds (Negative)**
  + Make flight status as BookingOpen

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| --- |
| **A1:**  **UpdateFlightStatus**  "A13","220316",0 |

* + Make a booking

|  |
| --- |
| **U1:**  **book**  "A13","220316",2 |

* + Error out - Insufficient balance in account
* **Cancel Ticket with ticket status BookingClosed(Negative)**
  + Make flight status as BookingClosed

|  |
| --- |
| **A1:**  **UpdateFlightStatus**  "A13","220316",1 |

* + Make a booking

|  |
| --- |
| **U1:**  **UpdateFlightStatus**  "A13","220316",1 |

* + Error out - status is Booking closed
* **Ticket booking with Airline account** **(Negative)**
  + Make flight status as BookingOpen

|  |
| --- |
| **A1:**  **UpdateFlightStatus**  "A13","220317",0 |

* + Make a booking from airline account

|  |
| --- |
| **A1:**  **book**  "A13","220317",1 |

* + Error out - only traveller can book the ticket
* **Flight schedule with Traveller accounts (Negative)**
  + Make flight status as BookingOpen from traveller account

|  |
| --- |
| **U1:**  **UpdateFlightStatus**  "A13","220317",0 |

* + Error out - only airline can Perform this operation