Dfasdaho

Trip-booking-topic

(trip created)

Car :2

Flight:

2

Hotel:2

**TRIP BOOKING SERVICE**

**Car-booking-topic**

**Flight-booking-topic**

**hotel-booking-topic**

**CAR SERVICE**

**FLIGHT SERVICE**

**HOTEL SERVICE**

Trip-booking-status-topic

(trip cancelled/booked)

**HOW THE PROJECT WORKS**

1. FIRST WE have a trip booking service in which on the basis of his choice a person will maek his selections for a trip and adds it in his itinery.
2. 2.now when the trip is booked then a trip booked event is put into the TRIP EVENT.
3. The Trip event is listenened to by the car,flightannd hotel services and they will betaking the appropriate actions
4. Now when the hotel,car and flight service have booked the respective number of seats,beds resp. then they will put an event in their respective events.

* If flight is booked then flight booked kept on flight event.If not booked then an event flight booking cancelled kept in the flight event.
* When the no of beds in hotel is booked then an event is kept in the hotel event saying hotel booked an dif rooms not booked then an event of hotel boking cancelled kept in the hotel event.
* If car booking is doen then puts and evet car boked an dif no thten puts event car not boked.

5.All these events will be listened to by the trip booking service.

6.If trip booking service gets all the events as positive then it sets a confirmation of trip booked in the trip event and also will send a trip booked msg to the user.

7.If trip booking service get any one of the cancelled events then it puts a cancel trip event in the trip event.

8.The trip event will now be listened by the car, flight and hotel service who will take the appropriate actions to cancel the db operations they have preformed at their ends.

Car service

Hotel servcie

Flight Service

TRIP EVENT

(trip created/cancelled)

TRIP SERVICE