**Travel Agency**

Online travel agency is web application which gives the facility to book only the airline ticket if we want or whole tour package to travel. It also makes easier to those who want to travel outside the country and facing problem on getting airline ticket. In this system, there are three actors and they are:-

1. Travel agent
2. Customer
3. Airline company

Use cases for the actor are given below:-

1. Book airline ticket
2. Book tour
3. Deliver airline ticket
4. Arrange tour
5. Reserve seat
6. Pay travel agent
7. Pay for online ticket
8. Travel agent commission
9. Pay for tour

This system is generally divided into two main parts:

1. Booking

In this part, the travel agent or the customer will book airline ticket and then they would have been given a choice to book a tour which is optional (which is represented by extend relationship which is clearly shown in use case diagram given below). If we booked the ticket, we must visit the airline company site once from where we can reserve our seat to travel. If the travel agent deliver the airline ticket it is optional to arrange a tour which is presented by extend relationship.

1. Paying

In this section, if we pay travel agent it is compulsory to give travel agent commission and it is also compulsory to pay for online ticket which is represented by include relationship in the use case diagram. And it is optional to pay for whole package of a tour

