## **2.6 Natural Language Analysis**

Airline Reservation System is a project that focuses on marketing the companies of airlines related to its best facilities on booking flights. Statistics shows that air way is one of the most use of transportation in this 21st century. Whether it be a short distance or a long distance air way is chosen by many people.

The companies are looking ahead for some better airline reservation system. The system should permit admin and users to register their new account inserting their personal details and after that they can login into the system. Incase if any of the user are facing the problem in technologies, the admin can add users and help them in reservation flights. User should have ability to manage their account by editing or updating in their account only after login. Admin should also have that ability to manage their account and also have to view all the user that are registered and can delete users account in case they act in a vulnerable way to the company. The feature of creating new password must be available so that if the password is forgot a new can be created easily and can be logged into the system.

Once the user is login into the system it must allow the user to update profile, search flight, view flight details and book flights tickets. More importantly the user must also have the ability to cancel their reservation. For payment it is done after receiving the ticket.

For the system to be highly efficient some details are needed. They are given below:

* Admin and User name, email, contact number, nationality.
* Flights name, departure time, arrival time, seats number.

This project will be online based which will solve the problems mentioned above and provide better Airline Reservation System to the computer.



**Initial Class Diagram**

Initial class diagram is a standardized model that explain an object oriented programming approach. It shows data models for information system whether it is simple or complex. It representing system’s attributes, classes, operations and the relationships between objects. It can be used by business analyst to model system from business thoughts.

