Airline Reservation System

Chinmay Kulkarni, Shivshankar Kasapnor, Devesh Vyas , Kiran Birajdar

Diploma In computer Engineering,
Vishweshwarayya Abhiyantriki Padvika Mahavidyalaya, Almala.

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Abstract–Airline reservation system is a computerized system used to store and retrieve information and conduct transactions related to air travel. The project is aimed at exposing the relevance and importance of Airline Reservation Systems. It is projected towards enhancing the relationship between customers and airline agencies though the use of ARSs, and thereby making it convenient for the customers to book the flights as when they require such that they can utilize this software to make reservation.

The main purpose of this software is to reduce the manual errors involved in the airline reservation process and make it convenient for the customers to book the flights as when they require such that they can utilize this software to make reservation, modify reservations or cancel a particular reservation.

1.INTRODUCTION

Many people are travelling with airplanes, either as means of daily transportation and from work or when going on vacation, to mention few. To make reservation for such travels, airline companies websites lack the option for the user to set up specific requirements for travel, such as, minimal travel time or travel distance. The purpose of this project is to develop an easy o use airline reservation system, which accommodates these functionalities.

In addition the system should also be of use for travel agencies. These should have the same functionalities in the system as the private users, but with the difference of also having minimum spanning tree their disposal, this enabling them a greater understanding of the flight network.

2. Body of Paper

The user can easily purchase an e-ticket by going to the ticket sale website, searching and selecting the destination, entering the details such as name, way of travel, luggage information and dates and finally making the payment via bank transfer or through online payment companies. The e-ticket is then emailed or texted on the telephone of the customer.

While previously travel agents and airlines assisted customers in making ticket purchases, today with the improved internet system, it is getting easier and easier to book the flight on your own. After customer makes the purchase, the electronic record and the details of the ticket are saved into airlines database, The database is integrated with the passenger service system, which is then connected to the airports, airlines, travel agencies for sharing real time information.
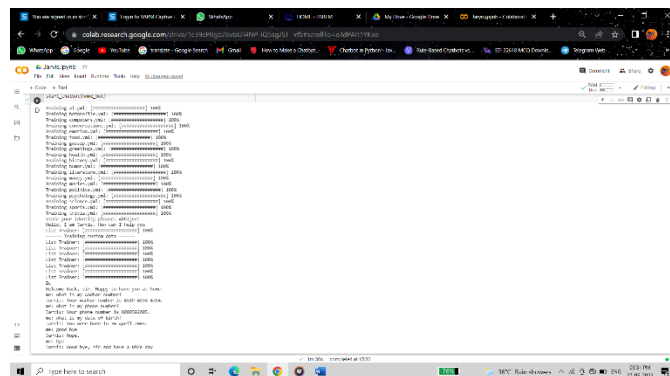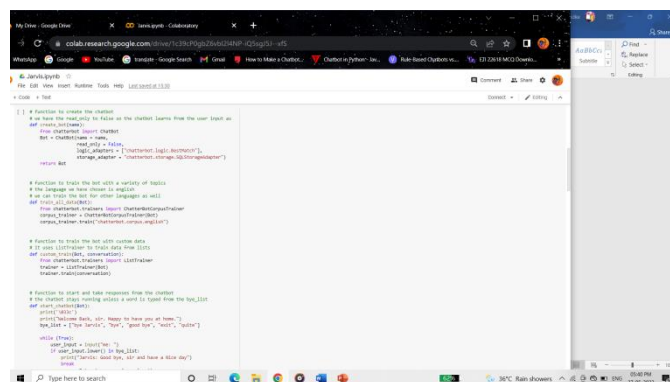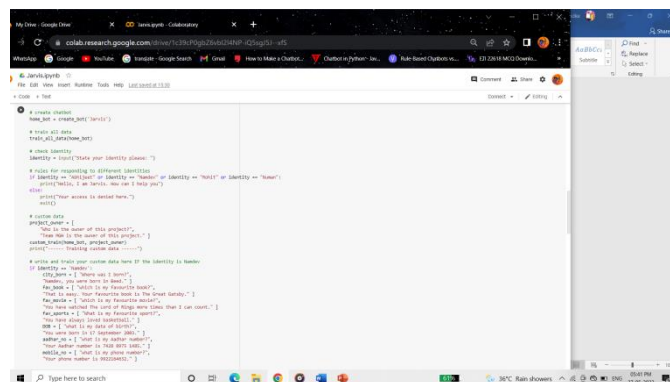

Fig -1: Figure

Fig -2: Figure

Fig -3: Figure

Fig -4: Figure

3. CONCLUSIONS

The software package "Airline Reservation System" provides convenient online uploading the report from executive and viewing that report by the managing director in an online fashion.

To input the data in a highly validated manner and generating the different reports, this involves complex process that was being done on based manner. This package is designed and developed in a compact manner, which is ready to meet the users specification and to serve them in an effective as well as in an enhanced manner. The actual problem has been observed with keen interest and it has been analyzed in such a way that it never cause choice to the user. More ever the limitation has been prevailing in the existing system had been prevailing in the existing system had been overcome to suit the need of the user.

4. ACKNOWLEDGEMENT

5. ADVANTAGES

- Online booking system save your staff time.
- Online booking system improve revenue.
- Its convenient and fast.
- Online booking system are time system.

6. DISADVANTAGES

- You need internet access.
- Can come at a cost.
- Not all online booking systems are created equal.
- You need to be ready for an influx of new customers.

7. FUTURE SCOPE OF PROJECT

The airline reservation system includes schedules, fares, passenger reservation and ticket records. Direct distribution of airlines works within their own reservation system and pushes information to GDS. The second type of direct distribution channel is a consumer who makes their own reservation using the internet or mobile application.

8. REFERENCES

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