**PROJECT TOPIC: Airline Reservation System**

**Project Group Members:**

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**Introduction to the Topic**

The “Airline Reservation System” has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and in some cases reduce the hardships faced by this existing system. Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

Our project is an example of a client Interface based application. It is a real-time and multi-platform application and can be used by many users. It is an implementation of Airline Reservation System which provide all the details related to user interface and user experience. It is a multi page website application which will run on user pc , mobiles and tablets. It takes reference from different Airline Services but all coding and design will be ours.

**Problem Statement**

In a few countries if a person wants to book a flight ticket, he use to follow one of these things:

* Manually goes to the Airport and book his ticket.
* Downloading the ticket form as paper document, filling it manually and submitting it at Airport.
* Fill the Ticket form on system and get the print out as paper documents to submit it at Airport.
* Booking the Ticket at some particular registered ticket counters in online.
* Even above approaches make a ticket booking online, it was not completely done on online. Passengers may not have freedom over this approach.
* Hence the Passengers may or may not be satisfied with this approach as it includes manual intervention like travelling to Airport for booking his ticket.
* Cannot Upload and Download the latest updates.
* No use of Web Services and Remoting.
* Risk of mismanagement and of data when the project is under development.
* Less Security
* No proper coordination between different Application and Users.
* Fewer Users-Friendly.

**Objective**

The main objective of the Project on Airlines Reservation System is to manage the details of Airlines Tickets, Flights, Booking, Customers, Booking Counter, Airlines Tickets . The Projects is totally

Built at administrative end and thus only the administration is guaranteed the access. The Purpose of the project is to build an application program to reduce the manual work for managing the Airlines Tickets, Flights, Vendors, Booking. It tracks all the details about Booking, Customers, Booking Counter**.**

**Working Methodology**

* Firstly we will draw a UI Wireframe for the Airline Reservation System.
* Then we will code the Entire Website using HTML5.
* Using CSS3 we will add creativity and style to the Webpage and we will also take help of Bootstrap.
* Using JavaScript we will add interactivity to the Web page and give the final touch up with the help of jQuery.

**Hardware Requirements**

* Processor : Minimum 3rd Generation Intel processor or AMD
* Operating System : Windows
* RAM : 128 MB or higher.
* Hardware Devices : PC or Laptop
* Hard disk : 20GB

**Software Requirements**

* Technology Implemented : Web Development
* Language Used : HTML, CSS, JavaScript
* Web Browser : Google Chrome (Version: 84.0.4147.135 or above)
* Code editor : Windows Visual Studio (Version: 16.0 or above)

**Team Contribution**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Member** | **Wireframe** | **HTML** | **CSS** | **JavaScript** |
| **Md Rashid** |  |  |  |  |
| **Suraj Garg** |  |  |  |  |
| **Pulkit Ranjan** |  |  |  |  |

**Limitation**

* It will require Laptop, PC, Tablets.
* It will require Internet Connect.
* It will require basic Knowledge of Payment.

**Online Git Repository**

**https://github.com/mdrashidcs18/FullStackProject**

**Conclusion**

* A description of the background and context of the project and its relation to work already done in the area.
* Made statement of the aims and objectives of the project.
* We have defined the problem on which we are working in the project.
* We describe the requirements Specificatiton of the system, which describes operations that can be performed on the system.
* We included features and operations in details, including screen layouts.
* We designed user interface and security issues related to system.
* Finally the system is implemented and tested according to test cases.

**References**

* <https://www.geeksforgeeks.org/>
* <https://www.beta-labs.in/>
* <https://www.w3schools.com/>