**CHAPTER 1: INTRODUCTION**

The main purpose of this Project is to list the requirements of the Airline Database Website. This document also helps us to collect and analyze the ideas gathered for the project. This vision document will be subject to change, if more requirements are added to the project. This document is mainly prepared to set stage for the design phase of the project. The document being prepared is the first version of vision document for the Airline Database Website.

C#.NET is a new technology which is being used a lot in the IT field. My interest to learn this new technology has prompted me to take up this project, which would set the stage for the applications I would be developing in the future.

**1.1 Background**

In this 21st century of modern science and technology era, everything relies on the computer systems. Thus, building a website creates the easier environment to carry out with their day to day transactions. Using database Website will make recording

Procedures became easier, faster and more reliable. For every transaction to be safely handled and to be safely kept for future references, the use of this database website would be more beneficial. Over viewing the history of website development, the website on system was hardly dynamic. The programs C# is action oriented and does model the real world problems. Due to which the use of C# in the development of Airline database website would be a advance approach in the field of Web Development the similar system on C# or any other object oriented programming paradigm, this would surely hit the real world problems making an entity or an object and their related behavior defined in the class. The object oriented programming approach on Airline Database website handles the problems with easy and in a reliable manner.

This idea was generally generated in order to make a simple and useful website that records the Airline data and keep them in order to view them at the time of requirement. Mostly useful in programming base in computing so that record can be protected for future use.

This was our first attempt to make this program success. Past many such kind of recording program was made but most of them would not address real life program and unable to define in detail. Many ideas was unclear and many detail of the report was unclear but in our this there is every type

Of calculation that is success and able to address real life problem. And we have solve many problem .The following thing is added in our project

* Fuel calculation monthly.
* Easy editing the recorded data.
* Modify the data.
* Delete the data.

## 1.2 Problem Statement

Analyzing the history of the Airline Database website, it is found that in early days, the records and data transactions were kept in a register, in a copy or say in a hard copy file for future reference. Such system of keeping the records in a hard

file was tedious and troublesome to handle with ease. Writing down the every transaction and maintaining the data safely was a great risk keeping the records in hard copies and keeping it for reference for a considerable period of time may result in the wearing and tearing of pages. The hard copy records and its updating and editing may accidentally interchanged. There are also the chances of updating of incorrect data information. This website system provides the better solution for the keeping records of Airline as the website has the privilege for adding record, showing the record, updating the records and deleting the unwanted records

**1.3 Objectives**

The objective of this project is to prepare a website, which could maintain data & provide a user friendly interface for retrieving Airline database detail just in few seconds, with accuracy. Software is completely computerized, so it is not time consuming process.

The objective & goals of the proposed system are:

* It records the detail information of flight.
* It reduces time as most of the work done by computer.
* It provides greater speed.
* It increases the number of possible data. This will reduce the manual workload and give information instantly.
* The website needs some basic training for use but it is very easy to learn.

**1.4 Scope**

### In any Airline, as the day’s passes by, the number of new data keeps growing. Recording of such data in hard copy is not feasible for future reference and hence may bring difficulties in future. So, in order to solve these problems, Airline Database Website is projected. Airline database website is more easier and reliable way of recording information. This website is developed to be user friendly based on the real world objects which will provide user a unique and friendly environment to work on. This program is projected to use queries and provide faster access to the data. The program will be based on C# programming language which will further increase .The project has been designed in C#.NET technology and consists of a SQL server which acts as the database for the project using visual studio.The record can be added, updated, edited and deleted. The main target user of this project is the C# programmer who wants to make the project in C# and especially those who are interested in Database.

**CHAPTER 2: LITRATURE REVIEW**

At earlier times, the records were kept in hard copy file which is a great risk as it is prone to many calamities, wearing and tearing of pages etc. This loss of data due to physical deterioration provides less security to the result. Over viewing the history of website development, the software on this system was hard to find and most of them was hard to use and static type and which is also not accepted for official purpose. The project has been designed in C#.NET technology and consists of a SQL server which acts as the database for the project using visual studio. This approach is fruitful to every organization to keep the records of day to day daily record of data in Airline Database system. A combination of c# and asp.net will be used in this project. Where c# and asp.net will be used as the GUI interface between database and the user. This website will provide a convenient tool for user to retain flight information. Like other website this website can be used by the people who have basic internet skills.

**CHAPTER3: METHODOLOGY**

The project has been designed in C#.NET technology and consists of a SQL server which acts as the database for the project using visual studio. This project Airline Database website is a database system where SQL server acts as the database. It is done using the database insert, update, and delete method where required database is linked using connection string. The record of the Airline can be added, updated, edited and deleted.CSS is used in design. Bootstrap is also used to meet the different device requirement.

* **Microsoft word: we use the Microsoft word for the documentation for the beginning to end of the project. We also use the MS word to design some of the block diagrams.**

**CHAPTER 4: EXPECTED OUTPUT**

Airline Database website has simple login home page where firstly administrator can only login using unique password then after in order to create the user account administrator should give permission and when it is done all the entry can be viewed by local user .local account is created by administrator and it can be login by anyone who has necessary key. And administrator is responsible for editing, deleting and updating the database.

**CHAPTER 5: WORKING SCHEDULE**

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| **Week 1**  **Study and analysis**  **Discuss and topic selection** |
| **Week 2** |
| **Week 3**  **Design** |
| **Week 4** |
| **Week 5**    **Coding** |
| **Week 6** |
| **Week 7** |
| **Week 8**  **Testing** |
| **Week 9**  **Final report and conclusion** |
| **Week 10** |

**CHAPTER 6: REFERENCES**

The following references have been used by me, during all the phases of the Airline database website project:

1.[ttp://www.c-sharpcorner.com/](http://www.c-sharpcorner.com/)

2.<http://en.wikibooks.org/wiki/C_Sharp_Programming>