**PROJECT PROPOSAL**

**(AIR TICKET RESERVATION SYSTEM)**

**PROBLEM STATEMENT :**

The most common mode of travelling now a days is travelling by air.

Internet has grown over past few years and it has provided many functionalities to the airlines and the to the users as well.

**But there are many problems in the current system and these are as:**

* Inability of passengers to select seat(s) for their chosen flight(s) from the existing reservation system
* The system does not give any notification to the user about the delay in the flights.
* No option for the passengers building their boarding pass in the existing system
* The existing system does not provide any information about the the aircraft or pilot and his history .
* The existing system can be tricky to use and a bit confusing .
* Transaction gets cancelled .
* Luggage gets misplaced .

**The proposed solution to the problems are given in our system**

* The passengers have the option to choose their seat in case it is not available they can choose their preferred seat from the available ones.
* The payment registration cancellation of the flights is done online.
* The system provides the users notification about the delay and cancellation in flights.
* The system provides the option for refund in case of cancellation of flight.
* All the information about the flight is provided
* The system is aimed to make it easy for the user to switch between various tasks

and menus .

* Provide information regarding the transaction status .
* Add luggage information during flight booking .

**Objective**

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| **General Objective:**   * The general objectives of the system is to add some functionalities to the current automated system as choosing seats,refunding process,luggage process and others mentioned.   **Specific Objective:**   * The passengers have the option to choose their seat in case it is not available. They can choose their preferred seat from the available ones. * The system provides the users notification about the delay and cancellation in flights. * All the information about the flight is provided. * Provide information regarding the transaction status. * Add luggage information during flight booking. * The system provides the option for refund in case of cancellation of flight. * The payment registration cancellation of the flights is done online |

**Scope of the Project**

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| * The system is a web based automated system and can be used anywhere anytime. * It is designed to provide user more functionalities and provide an easy interface to the users. |