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Airlines Management System

1. **Introduction**

The project “Airline Management System” comprises of a large number of flights which belong to a particular airline. Using PHP for Front-end and MySql for managing data. The system we have implemented manages different objects viz.

* Airline
* Customers/Traveller

1. **Database schema and database creation**

* My SQL is used for designing our database.

The following tables are created in the database airline

* users
* airport
* flights
* booking

1. **Functional Requirements Implemented**
   * Create a new Customer
   * Login a new Customer
   * Login an existing Customer
   * Search flight between two Destinations
   * Create a new reservation
   * Issue a flight ticket
   * Print Ticket / Save as Pdf
   * List all customers known by the system ~
   * List all reservation known by the system ~
   * List all flights known by the system ~
   * Display information about a traveler. ~
   * Display information about a flight. ~
2. **Database creation Scripts**

mysql> create database airline\_data;

Query OK, 1 row affected (0.02 sec)

mysql> use airlines\_data;

Database changed

1. **Observations and lessons learned**

* It is important to finalize the database design well in advance. Though we managed to discuss the design, we ended up making changes in the way of adding or deleting fields and figuring out referential integrity issues which consumed quite a lot of time.
* Communication between people is a key aspect of creation of any project. It becomes more important when they all are working to achieve a common goal.

1. **GitHub ~** [**https://github.com/rajchordia14/Milkyway\_Airlines**](https://github.com/rajchordia14/Milkyway_Airlines)
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