

Project Title: Airport Database

Group Members:

1. Brice
2. Ryan
3. Quinten
4. Gowri
5. Ronan
6. Abhinav
7. Tony

What you will be doing:

Manage airport operations such as flight schedules, passenger bookings, and ticket management. The system will track and store data for airlines, flights, passengers, airports, staff, and tickets. It will include functionality for querying, updating, and managing flight / passenger data.

Motivation:

By designing an airport management system, we can help manage the data for flights, services, and passengers. The system would be useful for airports to schedule and handle passenger and flight information.

Task Delegation:

Brice Duke - Create EER Diagram using a tool, ensuring it has 5 tables

Ryan Duxstad – Convert EER diagram into a relational schema

Quinten Gentry – Create the database tables based on relational schema

Gowri Nanda – Write and execute SQL for query, insert

Ronan Rao – Write and execute SQL for update, delete

Abhinav Soma – Develop SQL queries for subqueries

Tony Vo - Populate tables with at least 10 tuples and develop SQL queries for aggregates

Overall, each member should be helping each other, especially with the more complicated tasks.

Scholar Paper: Possible, but tentative as it is important to focus on building the database first before finding research applications of the database and ways to further enhance project. However, this is a possibility that some of the teammates would be interested in after completing the main database and assignment.

