

PES1UG21CS081
PES1UG21CS093

Project Steps/Description

Description:

The project we chose to tackle was an airline management system, where flights, airports, and passengers and their respective details including their booking, luggage, and flight schedule etc are stored.

We have the following tables:

- Aircraft
- Airports
- Booking
- Crew
- Flight
- Gate
- Luggage
- Passenger
- Schedule
- Ticket

Each Table has various attributes, which will be listed in the ER Diagram and Schema, along with their respective Primary and Foreign Keys and constraints.

Steps:

- 1) Open the SQL File and execute all the commands. This will create a database, tables and insert one dummy value into each table.
- 2) Open app_test.py, find where you are connecting to the database, and change the username and password to your username and password.
- 3) Make sure python is installed on your system and make sure you pip install the following libraries:
 - a) pandas
 - b) streamlit
 - c) Mysql-connector
- 4) Open a terminal and go to the directory which app_test.py is. Now execute the following command:
 - streamlit run app_test.py
- 5) Now a window should open up in your browser and you can operate the frontend. We have implemented CRUD operations on all the tables.