TEAM 16

DAMG6210 16152 -Data Management & Database Design
Team Formation, Database Topic and Mission Statement/Objectives

Group Members: -

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Database Topic:
Airport operation and luggage management system

Mission statement:
Surging air travel demand and airport staffing shortages have made this a troublesome season which is further exacerbated by frequent flight delays and missing luggage instances. The mounting global crisis shows no sign of letting up. The Purpose of the database is to maintain data on flights, passengers, and passenger luggage. These data will be used by the operation team to support air and ground traffic control to avoid flight delays, and by the administrative team to accurately track passenger luggage to avoid missing luggage instances.

Mission Objectives:

- To maintain (enter, update, and delete) data on Flights.
- To maintain (enter, update, and delete) data on Passengers.
- To maintain (enter, update, and delete) data on luggage.
- To maintain (enter, update, and delete) data on staff.

- To track luggage transfer status.
- To track flight schedules and delay.
- To track runway occupancy and utilization.

- To perform search on missing luggage.
- To perform search on available runway.
- To perform search on available staff.
- To perform search on busiest counters which lead to staff shortages.

- To report on flight delays and reason for the delays.
- To report on missing luggage.
- To report on runway utilization.