

DBMS PROJECT – CS2011E

Winter Semester 2025

BATCH 20

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|----------|----------------|-----------|------|
| Members: | Aswin S | B230215CS | CS03 |
| | Aakansh K Anil | B230117CS | CS03 |
| | Jesvin Jaison | B230359CS | CS03 |
| | P Gowri Sankar | B230477CS | CS04 |

TITLE: AIRPORT MANAGEMENT SYSTEM

Problem Definition:

This Airport Management System deals with managing the workings of a single airport. The System keeps track of all the airplanes currently in the airport and their arrival time, departure time and their current status. This also helps in the scheduling of the airplanes.

Each airline has different planes that are restricted to specific terminals based on the size.

The System keeps track of all the passengers in the airport, including the details not limited to name, phone number, passport number, nationality, flight details and destination. It also helps manage the baggage of passengers as well. The DBMS also maintains a list of passengers on the No-Fly List to ensure airport security remains at an optimal level. The system also keeps track of all the employees of the airport and the employees

that are currently on duty.