Airport Management System

Worked By:

Group 1

2025

Project Overview

The airport management system is software that helps airports run smoothly.

Project Objectives

- Scheduling and monitoring flight arrivals and departures.
- Ensuring optimal use of airport resources.
- Tracking and managing the movement of baggage.
- Create a system that plans the best times for flights based on provided resources such as gates and crew.
- Ensure that our system communicates effectively with air traffic control systems.
- Implement authentication for secure passenger and staff access to restricted areas.
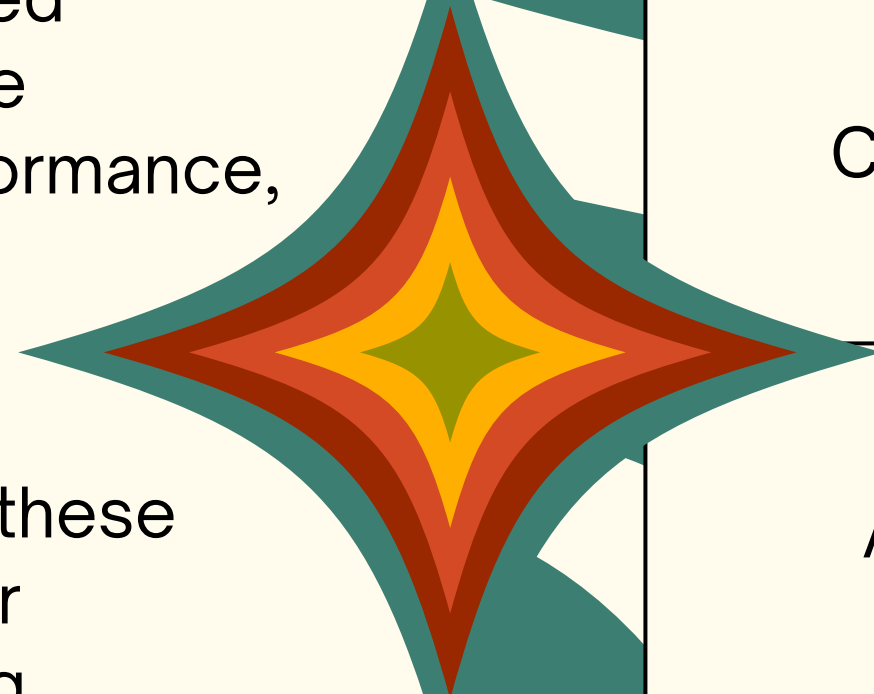
Description

Our platform aims to streamline primary airport operations such as passenger processing, baggage assigning and handling, arrival/departure operations, departure control systems, information distribution, and air traffic control.

Stakeholders

Are individuals, groups, or organizations with a vested interest or influence in the airport's operations, performance, or future development.

Identifying and engaging these stakeholders is crucial for aligning goals, addressing concerns, and fostering collaboration.

Passengers	Airlines
Cargo operators	Airport owner
Administrators	Managers
Employees	Aviation authorities