**CSCI - 6638 Group Project 1**

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**Operating System related problem choice:**

Optimized Operating System for Real-Time Flight Management and Passenger Service

**Brief:**

This project aims to design an optimized operating system (OS) for airlines to improve real-time capabilities in flight management and passenger services.

The proposed OS will combine several airline operations into a single, efficient real-time system.

This system might include functions as in below:

* Real-Time Flight Tracking
* Dynamic Crew Scheduling
* Passenger Service Management: Real-time updates on flight status, gate changes, and baggage claim etc.
* In-Flight Communication improvement communication between air crew members

**Technologies might to be used for this application:**

* Determine the system architecture
* Module development
* Integration and testing
* Documentation and user training