**SODV 2202**

**Final Project Proposal**

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Flight Management System

Description: I have decided to create a flight management system that manages flight schedules, bookings, and passenger and flight information.

Key Features

* Event-driven programming for booking updates and notifications.
* GUI to display flight schedules, book flights, and manage reservations.
* Data connection to store flight and passenger details in a database.
* Asynchronous operations to fetch real-time flight data or booking statuses.

Data Sources

* OpenFlight Database, a static dataset that can be downloaded and used locally. Provides detailed information about airlines, airports, and routes worldwide.

GUI (to be added)

A diagram of a flight

Description automatically generatedI have created a UML first and will work on the GUI next, the UML is attached below