Problem Statement:

The city's international airport is developing a new digital system to organize its daily activities. The system must keep track of the different journeys that take place each day, including their unique identifiers, departure and arrival details, as well as the status of each journey. For every journey, a specific aircraft is assigned. Each aircraft has its own registration code, model information, seating capacity, and maintenance record. The journeys cannot operate without licensed professionals who are responsible for operating the aircraft; these professionals are uniquely identified, have licensing details, and accumulate experience over time. In addition, other staff members with different roles help manage the journey in the cabin, and they too need to be recorded in the system. People traveling through the airport must also be represented: each traveler provides personal details, identification documents, and contact information, and they can secure a place on a journey by obtaining a document that confirms their reservation. This document contains a unique number, a seat assignment, and its own status. Every journey begins at one location and ends at another, and both locations must be clearly described with identifying codes and geographical details. Each location includes different sections, and within those sections there are designated points where travelers board and disembark. All of these details together should be reflected in a structured design that shows how the elements of the system connect with one another.

Task:

Utilize AI tools you have learned to create an UML Class Diagram for this airport management system