Experiment-3

Make an Online Airline Reservation System. The activities of the Online Airline Reservation system are listed below user, admin, LOGIN, MANANGE CLASSES, MANANGE WAITING LIST, MANAGE HOLDS, MANAGE DEADLINES, LOGOUT, using this has a step-by-step process draw a CLASS diagram
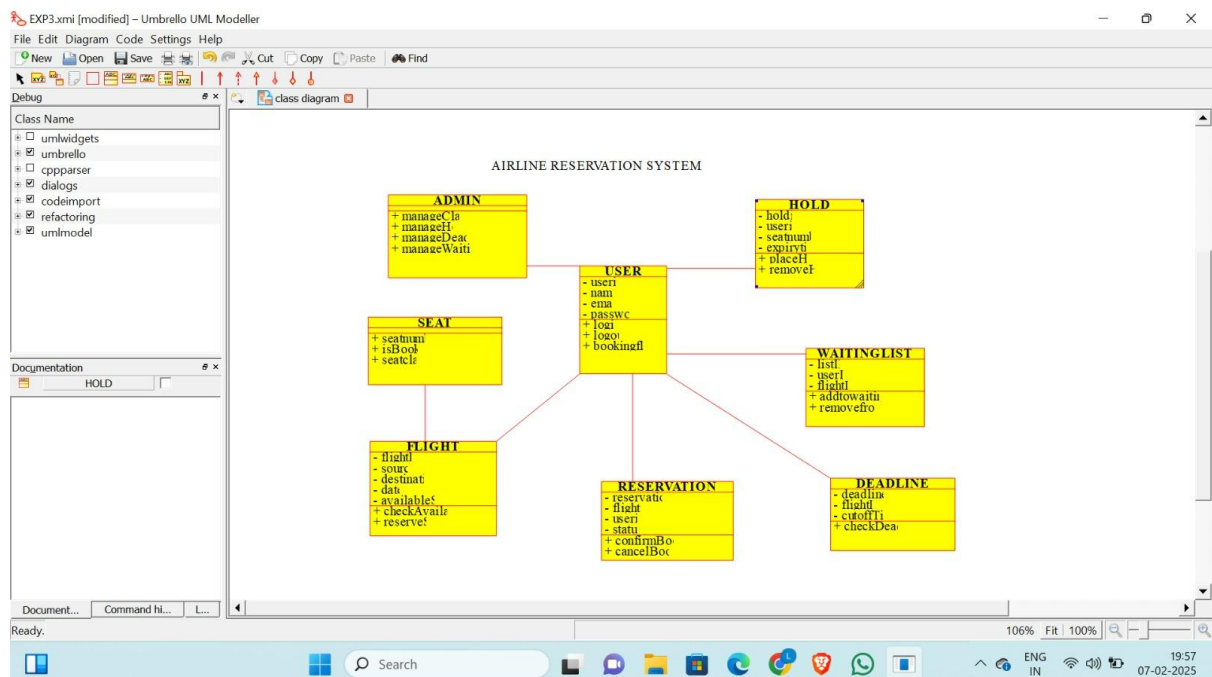
Aim

To design a UML **Class Diagram** for an **Online Airline Reservation System**, representing its key components and interactions.

Procedure

1. Identify the main classes: User, Admin, Flight, Reservation, Payment, and Schedule.

2. Define attributes and methods for each class based on functionalities like login, booking, and managing flights.

3. Establish relationships between classes, such as associations between User and Reservation.

4. Add operations for managing waiting lists, holds, and deadlines.

5. Validate the diagram to ensure it correctly represents the system's workflow.

CLASS DIAGRAM

Result

A UML Class Diagram for the Online Airline Reservation System has been successfully created, illustrating class structures and relationships for seamless airline booking and management.