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 **Class Diagram** for an **Online Airline Reservation System** that represents the system's structure, including classes, attributes, methods, and relationships.

Procedure:

1. **Identify Key Classes**
   o   User, Admin, Flight, Waiting List, Hold, Deadline, and Login System.
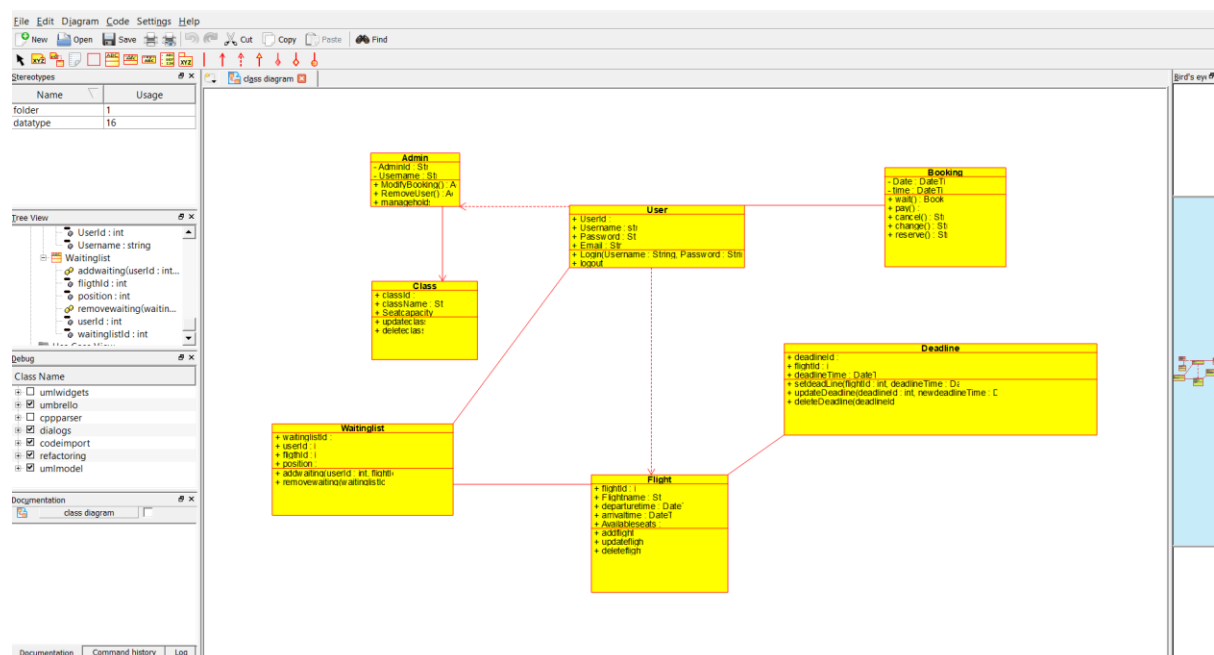
2. **Define Attributes & Methods**
   o   Each class has relevant attributes (e.g., userID, flightID) and methods (e.g., bookFlight(), manageClasses()).

3. **Establish Relationships**
   o   Users interact with Flights, Waiting Lists, Holds, and Deadlines.
   o   Admin manages Flights, Waiting Lists, Holds, and Deadlines.

4. **Draw the Class Diagram**
   o   Represent classes using **UML notation** with attributes, methods, and relationships.

Result

Thus the UML diagram for the Airline Reservation has been implemented successfully.