

PROGRAMS:

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.

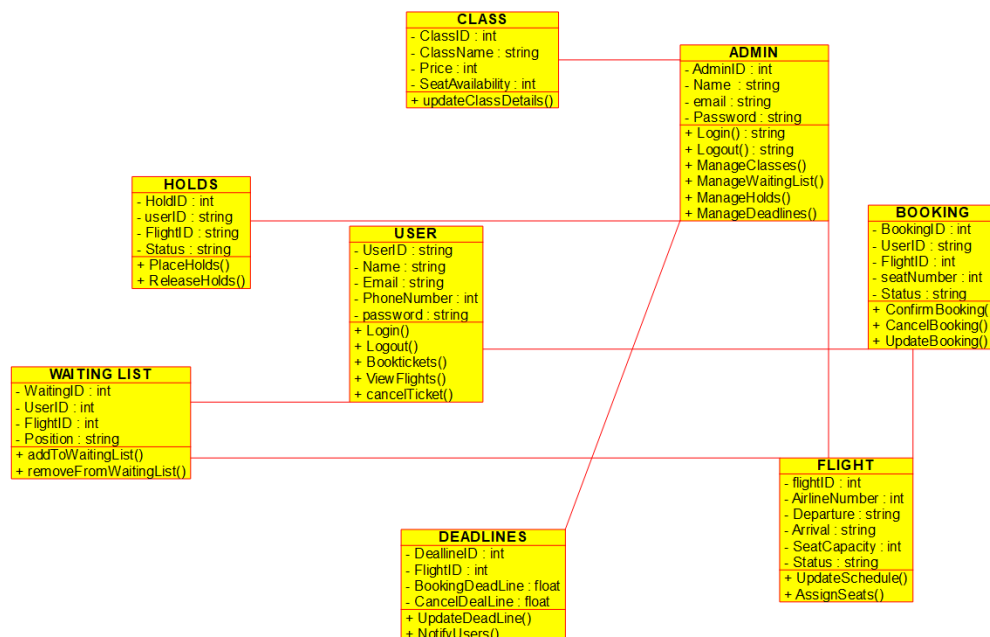
AIM:

To design a UML Class Diagram for an Online Airline Reservation System that models the interactions between users, administrators, and various components such as flights, bookings, waiting lists, holds, and deadlines.

PROCEDURE :

- STEP 1:** Open UML modeling software such as Umbrello, StarUML, or PlantUML.
- STEP 2:** Create the main classes: User, Admin, Flight, Booking, Class, WaitingList, Holds, and eadlines.
- STEP 3:** Add attributes to each class, including unique identifiers and relevant details
- STEP 4:** Define methods for each class based on their responsibilities and Establish relationships between classes
- STEP 5:** Connect the relationships using appropriate UML associations. Verify the diagram for correctness and clarity.
- STEP 6:** Save and export the Class diagram.

OUTPUT:



RESULT:

The UML Class Diagram for the Online Airline Reservation System was successfully created, depicting the relationships between User, Admin, Flight, Booking, Waiting List, Holds, and Deadlines, ensuring a clear understanding of the system's structure.