

EXERCISE: 3

ONLINE AIRLINE RESERVATION SYSTEM

AIM:

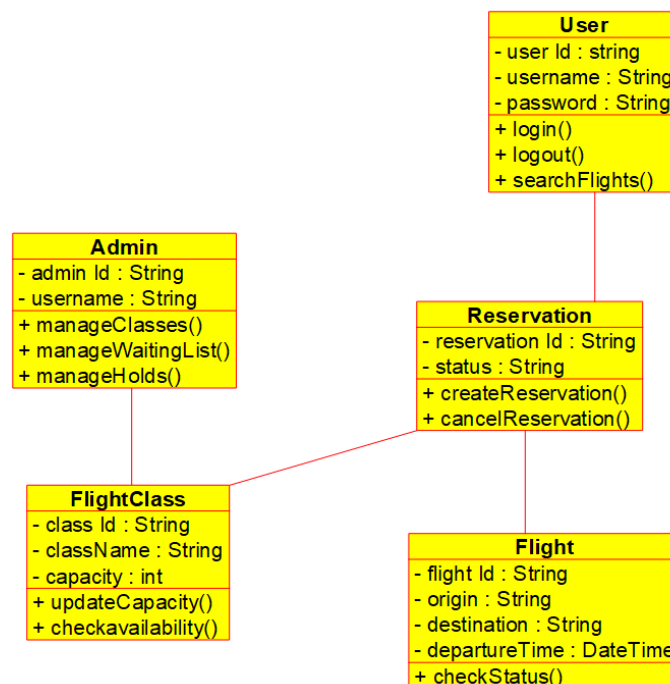
To design and implement a Class Diagram for a Online Airline Reservation System using Umbrello UML modeling software.

PROCEDURE:

1. Install and open Umbrello UML Modeller on the system.
2. Create a new UML project in Umbrello.
3. Identify the required classes such as User, Admin, Flight, Reservation, ClassManagement, WaitingList, HoldManagement, and DeadlineManagement.
4. Define attributes like userID, flightID, and methods like login(), bookFlight() for each class.
5. Establish relationships using associations, inheritance, and dependencies between classes.
6. Draw the class diagram by adding classes, attributes, and relationships using the Class Diagram tool.
7. Save the diagram and export it as an image file for documentation.

DIAGRAM:

CLASS DIAGRAM



RESULT:

The Class Diagram for the Online Airline Reservation System has been successfully designed using Umbrello, representing various components and their relationships in the system.