

MANAGEMENT INFORMATION SYSTEM

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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

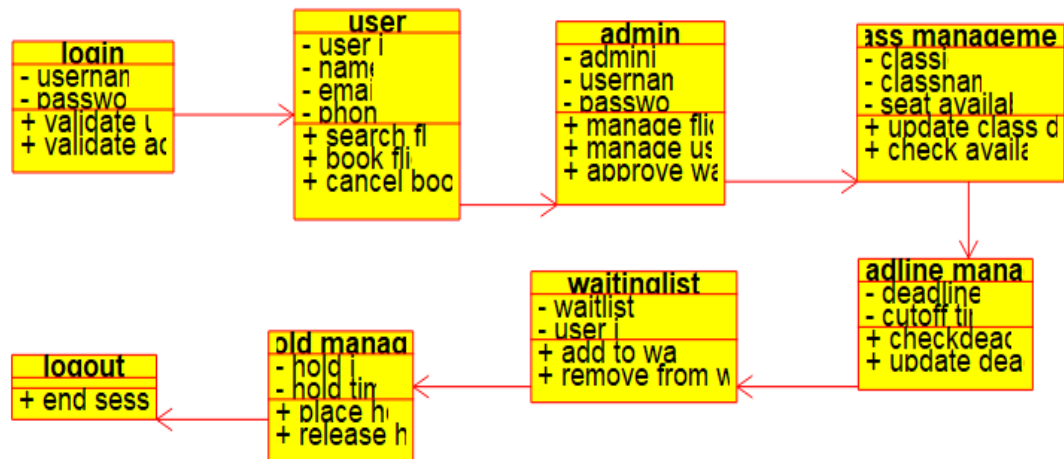
To design a UML **Class Diagram** for an **Online Airline Reservation System**, where users and admins manage various airline reservation activities such as login, managing classes, handling waiting lists, managing holds, setting deadlines, and logging out.

PROCEDURE

- Identify system actors such as User and Admin.
- Define key activities like Login, Manage Classes, Manage Waiting List, Manage Holds, Manage Deadlines, and Logout.
- Determine essential system classes such as User, Admin, Flight, Reservation, Payment, and Ticket.
- Establish relationships between classes, including associations, generalizations, and dependencies.
- Define attributes and methods for each class to represent their functionalities.
- Draw the **Class Diagram** to visualize system structure and relationships.
- Ensure proper use of UML notations for clarity and completeness.

OUTPUT

CLASS DIAGRAM:



RESULT

The **Class Diagram** for the **Online Airline Reservation System** was successfully designed, covering all necessary entities, attributes, and relationships. This provides a structured representation of the system for implementation.