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We have decided to do the Airline Management System. The use of this airline system is to manage everything within an airport for airline use. We have a total of 9 classes that we are planning for this project. The classes that we are going to be implementing are Passenger, Staff Member, Flight, Airline, Schedule, Booking, Security, Tickets, and Emergency Contact. All of the entities that we are using for each class are:

Information - passenger: passenger ID, Name, email, phone#

Information - staff member: staff ID, name, role, salary

Information - emergency contact: Name, phone# || email, relationship to passenger

Information - Flight: Destination, Starting Location, Flight Time, Flight Number

Information - Booking: Total Seats, Available Seats, Taken Seats, Seat Number

Information - Tickets: Price, Ticket Number, Available Tickets

Information - airline: companies, plane types, terminal number, flight logs

Information - schedule: departure times, arrival times, delayed flights, flight numbers

Information - security: names of person(s) flagged/detained/removed from flights, id number, claimed items, dates