Main Features

* Show available flights.
* Sign up with an account. (Both admin and user)
* Book a flight.

Requirements

* The system should allow users to sign up for an account in the system, providing their information.
* The system should allow users to update their account information.
* The system should show the user a list of available flights that satisfy certain criteria.
  + Date
  + Source of flight
  + Destination
  + No. of seats
* The system should allow a user to book a flight, cancel it, or modify their flight class.
* The system should allow admins to log in with special access to the system.
* The system should allow an admin to add a new aircraft to the system or modify an existing aircraft’s details.
* The system should allow an admin to add a new flight to the system or modify an existing flight’s details.

Questions

* Should the system handle the payment process; such as specifying the payment method, and taking payment info from customers?  
  The system should take payment info from customers and store it, with sending a mail about the receipt.
* What types of flight classes are available?
  + Economy
  + Business
* What is the information that will be stored about each user?
  + Full name
  + Email address
  + Gender
  + Date of birth
  + Passport number
  + Nationality
  + Phone number
* Should the system show all flights available? Or choose some period (from June to December) to show the flights in that period?  
  The user must choose a date, then the system will show flights for the next week only (static UI).
* Is this system targeting a specific Airline? Or it should be a multi-airline flight reservation system?  
  This system is dedicated to Fly Kilany ltd. Only.
* What policy governs cancellation and modification of flight reservations?  
  Cancelation and modification are not permitted before 24h of the flights departure.
* What kind of information should the system keep about an aircraft?
  + Serial No.
  + No. of seats
  + Model
* What kind of information should the system keep about a flight?
  + Date
  + Departure Time
  + Arrival Time
  + Cost
  + Aircraft
  + Trip duration
* Is there a certain schedule for each aircraft? (e.g., It returns to its original destination after each and every trip, it should rest for some period of time before the next trip, etc.)  
  The system is not concerned with aircraft scheduling.
* How the system communicates with customers about their booked flights? (Upcoming flights, “flight tickets receipt”, etc.)  
  The system can communicate with customers through their email addresses. All reporting is through mail.
* How is an admin added to the system? (Just sign up [then how would we secure that])? Or generate special credentials for a new admin on demand?)  
  Admins can be added through direct interaction with the database only. (Until there is a separate application for managing admins or other human resources.)
* How are flights and aircrafts are related to each other?  
  The system is not concerned with aircraft management.
* Should the system allow a customer to reserve for many members?  
  Single reservation represents one customer only.