Project Title: Airline Reservation System

What did the others;

- The names already in field used the similar approach and provided with the same features we have in our application.

Techniques, Methodology:

- Agile software development methodology, which supports frequent changes.
- Object Oriented Programming techniques are used.
- MS Access Database used at the backend.

Results:

- A flight seat gets booked and an automated flight ticket is generated. All the user's data is stored in the database used at the backend.
- A flight seat gets cancelled just by entering the autogenerated Seat number given at the time of booking.
- Flight schedules from your current location to your destined location can be checked by entering the dates and locations.
- Flight fares can be checked by determining the locations and class (i.e. Business or Economy) you want to travel in.

Further Additions possible:

- There can be an admin panel added to the app, that provides with login facility for the admin, so that they could amend the schedules, fares and manage booking.
- Help panel can also be introduced that helps the Users/Customers with any kind of difficulty and confusion.

Important names in the field:

1. Pakistan International Airlines (PIA)
2. Emirates Airlines.
3. Airblue.

Related Articles and books:

- Airline Industry by The Guardian.
- An efficient hybrid approach for resolving the aircraft routing and rescheduling problem.
- Airlines and Airplanes - The New York Times

Relevant links;

- https://www.theguardian.com/business/theairlineindustry
- https://www.sciencedirect.com/science/article/
- www.nytimes.com/topic/subject/airlines-and-airplanes

Resources and Tools: