Build a System for **Flight** Journey Management and Ticket **Booking**

Entities Involved:

Airlines: [AirIndia, SpiceJet, IndiGo, Vistara]

Flights: [AI-1, SJ-2, IG-3, V-5]

Passengers: [Shreesh, Prabhat]

RelationShip:

Airlines - Flights: **One to Many** Flights - Passengers: **Many to Many**

Functional Requirements:

Airlines:

- Sign In [Airline Admin]
- Create Flights: Assigns Source City, Destination city, Date, Time, Duration, Base Fare
- **View Flights:** View All the flights and their status

- Change Flight Status:

-Cancelled: Before End Time else

Disabled

-Completed: Automated and Manual

Passengers:

- Sign In: UserName, Password

- Search: Search Flights based on

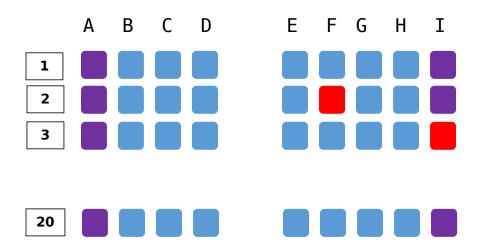
- Source city

- Destination city

- Date - Time

- Book Flight Seat:

Seat Map will be shown of 20×9



: Window Seat (10% higher of Base Fare)

: Normal Seat (Base Fare)

: Booked Seat

- Check Bookings: Check all the booking history
 - Active
 - Expired