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1. Introduction
   1. Objective
   2. Problem Statement
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2. Module 1: Login & Signup

Insertion & Creation (JWT)

* 1. Signup page for new users.
  2. Login page for already registered users.
  3. Login consist of username and password whereas, signup consist of username, full name, email and password.

1. Module 2: DB structure

Creation & Retrieval (Kaggle)

Collections in process (4)

* 1. Flight Collection containing flight details.

Discussion point: fields such as name of departure, arrival airport, date.

* 1. Master list for departure and arrival airport, class (business and economy).
  2. Seat collection connected by foreign key to flights.
  3. Price collection connected by foreign key to flights.
  4. Layover collection connected by foreign key to flights.

1. Module 3: Filtration of data

Queries will be made for each filter.

* 1. By class: Flights will be shown with their prices of either economic class or business class.

getPriceByClass, getSeatsbyClass

* 1. By Departure time, arrival time, stops, and airlines etc.
  2. Duration will be displayed between 2 cities.

1. Module 4: Submission of data

Update queries

* 1. Booking dummy API: class and travellers
  2. After the booking, seats will be updated
  3. An email will be sent to the user after the successful boking.

1. Module 5:
   1. Backend connectivity with the frontend pages.
   2. Verifying and validating.
2. Include seats as well