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CMPE 202-03 Team 11

Project Journal Week 1 :

1. Explored options for technology stack for database.

2. Decided to proceed with HTML, CSS and JSP for UI.

3. Started studying basic concepts of MySQL.

4. Created Mock Wireframe UIs.

5. Created basic views.

6. Created tables, forms, and UI-header component and basic templates.

7. Difficulty faced in integration of database and backend.

8. Started basic documentation.

9. Started thinking of other technology stack.

Project Journal Week 2:

1. Team decision to go forward with MERN Stack.

2. Worked on ExpressJS for Frontend and views.

3. Made architecture diagram based on the technology stack.

4. Constructed basic folder structure.

5. Made UI-Header Component and Basic Routes.

6. Configured themes, fonts and styles.

Project Journal Week 3:

1. Created Validation constraints for UI.

2. Made search Flight API under flight booking.

3. Made UI for searching flights.

4. Constructed User Data Model.

Project Journal Week 4:

1. Implementation of User Data Access Model.

2. Create basic database model.

3. Create Customer model to store all user's information.

4. Create flight model to store flight related information.

5. Set up basic GET and POST APIs.

6. Set up UI search and filter flight.

7. Get booking history up to last 18 months.

8. Making sure the user is authenticated.

Documentation:

Use case diagram.

Feedback XP core value.

Wireframe UI - Login/SignUp, Search Flights, Mileage Rewards points.

Component Diagram.