Weekly Meet – 24/01/2024

MoM

Attendees:

1. Ritvik
2. Keshav
3. Paridhi Jain
4. Hari Chandana
5. Navdha Bansal
6. Mr. Raj
7. Mr. Jagadeesh
8. Mr. Ramachandran

- Next week will effectively be a half week due to the quiz on the 29th,30th, and 31st. Next Week Goals must be met on Saturday (27th).
- We presented our ppt.
- Question From the Backend Team – What Attributes can be included in User, Content, and Merchandize DB schemas?
- Answer –
    - User – First Name, Last Name, E-mail, Phone Number, User Type – Coming from the Transit App or directly from LearnPerk Ecosystem. (This was added after the Q&A with Mr. Ramachandran).
    - Content – ID, URL, Provider (in our case this will be YouTube), Metadata – Title, Tags, Duration, Short Description.
    - Merchandise – Product, Image, Category, Description, and Other Attributes based on the category (We need to research).
    - The Exact Schema will be sent in the WhatsApp group.
    - Schema does not need to be extensive, basic schema will work. This will evolve with the project.

- Both the UI team and the Backend teams presented demos.
- Feedback –
    - UI Team – Need to research more into the workflows and code structures, knowing important aspects of an App.
    - Backend – Need to work on Firestore, not Realtime Database.

- Goals For Next Week:
    - UI Team:

1. Find a Template that resembles the transit app – a basic app containing a menu, navigation, and a couple of users - by the end of today and check with Mr. Raj Sir if that template is fine.
2. Integrate the app with Firebase in some way to show that the app is not limited to local storage.

- o Backend Team
    1. Set up Firebase CLI.
    2. Work on Firestore and integrate that with Functions and test the Functions locally.
    3. Integrate Firebase with the App the UI team builds.
    4. Design the schemas for – user, content, and merchandise.
    5. Create the database.

- Next, there was some Q&A between Mr. Ramachandran Sir and Mr. Raj Sir. Some points from this:
    - o It is better to make an app like Uber or some Transit provider App instead of a dummy Mobile App.
    - o An attribute UserType is included in the DB schema which tells if a user came through the transit app or directly from the LearnPerk ecosystem (from E-Commerce Apps etc.).
    - o The Recommendation System is not in the scope of the current project.
    - o YouTube video player is used, if we have time, we can test out some other video players.
    - o There will be a split in the UI team in which 2 members will work on code that handles the connection with the backend (in Kotlin or Java) and 1 person will work exclusively on UI. This split will happen at a later stage.