Minutes of Meeting (MoM)

Date: 22nd February, 2025

Attendees:

- Arshiya Noureen
- Kushal Mangla
- Sanyam Agrawal
- Shreyas Deb
- Vishak Kashyap K
- Client (Co-Founder and CTO of uExcelerate)

Key Points Discussed

Frontend Development

- Showcased the developed frontend pages:
    - Landing page
    - Login and Sign-up page
    - About page of a person

- Received positive feedback from the client.
- Noted the need to connect the frontend with the backend.

Backend Development

- Informed the client about the implementation and testing of backend routes via Postman.
- Backend progress updates:
    - **Completed:** User routes (tested via Postman)
    - **Pending:** Learner routes

- Need to integrate the backend with the frontend.

Data and Recommendation Engine

- Client will provide data (YouTube links, categories, etc.).

- Client requested data uploads to train the recommendation engine.
- Introduced **LightFM**, a Python library for collaborative and content-based filtering.
- Discussed using synthetic data for initial training, acknowledging possible suboptimal performance.
- Agreed to search for synthetic datasets on Kaggle and other platforms.

Infrastructure & Deployment

- Clarified node division for frontend, Moodle, backend, and recommendation servers.
  - Client confirmed that server placement does not matter as they interact via ports.
- Discussed **DNS setup**, which will be configured after major development and testing are complete.
- Recommended local integration before deployment.

Release Plan

- **Release 1 (R1):** Complete frontend and backend (excluding the recommendation engine).
- **Release 2 (R2):** Full functionality, including the recommendation engine.

Other Points

- Acknowledged potential slow progress in the next week (Feb 23rd to Mar 1) due to upcoming exams, and the client agreed to adjust the meeting schedule as per the progress.
- Agreed to update the client on any urgent matters.
- Next meeting scheduled for **Saturday**, contingent on progress made during the week.