Minutes of Meeting (MoM)

Date: 25th January, 2025

Attendees:

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

1. Overview of Tasks

The project comprises **three main tasks**:

1. **React Application**: A learner-facing platform to access learning resources.
2. **Moodle Service**: Used to store and manage resources and learning materials.
3. **Custom API Service**: A middleware to pull data from the Moodle database and provide an interface for other parts of the system. Additionally, a recommendation system will be built based on user information and preferences.

2. Moodle Overview and Insights

- Each team member shared their understanding and learnings about Moodle.
- Moodle was demonstrated using a **sandbox** to provide a better understanding of its functionalities.
- **Key points about Moodle**:
  - Moodle will act as a **service** for storing resources and learning materials.
  - The platform we're building will be a SaaS platform, and Moodle will only serve as a backend resource repository.
  - Users will see resources as **cards/tiles**.
  - Resources from Moodle and other third-party platforms will be indexed and displayed.

- Coaches will have the ability to upload resources to Moodle.

3. Development Approach

- **Task Breakdown**:
  - **Frontend (React Application)**: For learners to access and view resources.
  - **Moodle Service**: Responsible for uploading and managing resources.
  - **Custom API Service**: Pulls data from Moodle and integrates with the recommendation system to suggest resources based on user preferences and areas of development.
- Moodle will first be **installed locally** for the Proof of Concept (PoC). Once successful, it will be moved to the **cloud**.
- A **VM node** and domain configuration will be provided by the client, if needed.

4. UI/UX and Design Requirements

- The client emphasized the importance of creating a **Figma design** for the UI/UX. The design should include:
  - Login, Sign-up, and Dashboard pages.
  - A schematic diagram to show the workflow of the system.
- Once the design wireframe is ready, discussions on the **API requirements** for the frontend will begin. This will guide the backend development.

5. Backend and Security

- The client highlighted the importance of the backend:
  - Crucial to ensure **security** and **data integrity**.
  - Proper table structures will be designed after finalizing the frontend API requirements.

6. Recommendations System

- A system will be developed to recommend resources based on:
  - User preferences.
  - Areas of development.

- Data available from Moodle and the user profile.

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7. Roles and Responsibilities

- Team members will divide tasks independently based on project requirements and expertise.
- Updates on roles and responsibilities will be documented in the **project proposal link** shared with the team.
- Documentation must also include details about who is working on which part.

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8. Next Steps

- Install Moodle locally and complete the PoC.
- Develop Figma designs for the UI/UX.
- Plan and execute the backend table structure after finalizing API discussions.
- Regularly update the project proposal with progress and assigned roles.
- Discuss the next meeting time in the Slack channel.