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| FYP Logbook Entry Sheet  Meeting No: 14 Date:2025/03/23  Start Time: 10:00 AM End Time: 12:00 PM |
| Items Discussed:   1. Video recommendation system based on user desired topic was discussed. 2. Dynamic video list update by the admin.   Achievements:  During the meeting, we discussed the implementation of a video recommendation system that suggests videos based on users' desired topics, enhancing personalized content delivery. We also explored the dynamic video list update feature, allowing the admin to manage and update video content in real time.  Problems:  Key challenges in developing the AI video recommendation system included selecting the appropriate model, whether collaborative filtering, content-based filtering, or a hybrid approach, to ensure accurate and scalable recommendations. Dataset availability was another hurdle, leading to the use of YouTube API for fetching video data. Integration issues arose while embedding the recommendation engine into the platform, requiring seamless data flow between the backend and frontend.  Tasks for Next Meeting:   1. Additional improvements and optimizations in the video recommendation system. 2. Enhance the user settings page for better customization and user experience. |

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