

Minutes of the Second Client Meeting

Tuesday, March 18, 2025

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Apologies

None.

1 Time and Place

The second client meeting for the Software Engineering Group Project was held in online(Teams) at 2:00 pm on Tuesday, March 18, 2025

2 Quorum Announcement

Quorum of the group was present, and that the meeting, having been duly convened, was ready to proceed with its business.

3 Summary of Previous Meeting

None

4 User Stories Discussion

Discussion on implementation sequence: The team decided to implement features in the following order:

Sprint 1: Movie Details & Ratings, Movie Search

Sprint 2: Login & Sign-up, User Favorite Watch List

Sprint 3: AI Recommendations

- Daming's Suggestion: Daming suggested this sequence to optimize the development process and ensure that each feature builds on the previous ones.

- Additional user story features (e.g., renaming watch lists, advanced filtering) will be documented for future sprints.

Rename Watch Lists: Ningran suggested that users should be able to rename their watch lists, such as naming them "High Rated Movies" or "Horror Movies."

Search Enhancements: Ningran suggested enhancing the movie search feature by allowing users to search by genre, category, and country.

User Comments: Ningran suggested adding user comments to the movie details and ratings feature to provide more comprehensive information about each movie.

5 Front End and Back End Development

- API Integration: The team will explore omdpapi.com for movie data and look for APIs that include user comments.

- **User Authentication:** Includes Gmail login and an optional second provider (e.g., Microsoft or Facebook).

- **Password Policy:** Must include specific complexity requirements and a "Forgot Password" function to reduce administrative workload.

6 Milestones and Features

- Milestone Division: Ningran proposed dividing the project into two milestones: the first milestone with fewer features to focus on environment setup, and the second milestone with more features.

- Environment Setup: The first milestone will include setting up the environment, database backend, and frontend development to establish a solid foundation for the project.

- Feature Allocation: The second milestone will include the implementation of additional features, building on the foundation established in the first milestone.

7 Prototype

Suggestions:

- Change "AI picks for u" to "Movies you may like."

- Ensure UI consistency (all buttons should follow the same theme).

- Add a navigation bar and side panel with homepage and user settings.

- Display movie posters with a white frame to ensure visibility, especially for dark posters.

8 AI Integration

Current Challenge: The team lacks AI development experience.

Solution:

- Use pre-trained AI models instead of building from scratch.

- Investigate AI models and APIs for movie recommendations.

- Ensure API compatibility and data formatting for seamless integration.

9 To-do List

The next meeting will be held online on Tuesday, 25th March 2025.

- Confirm with the lecturer if using Supabase for the backend is allowed.
- System Diagram: Draw an overall system infrastructure diagram to better understand and explain the project.
- Share GitHub access with Ningran for review

- Add features mentioned above
- Add a section in each user story to include additional features and future plans.
- The presentation should include as much content as possible. Include alternative solutions