Minutes of the Group Meeting

NL1C Project

Monday 28 April 2025

Chair   Silin Ren
Secretary   Silin Ren
Members   Daming Chen
                Emmanuel Philipose Antony
                Weian Liu
                Zixuan Li
Apologies   None.

1   Time and Place

The group meeting for the NL1C Project (Sprint3-Week1-1) was held **online** via Teams at **7:00 pm on Monday 28 April 2025**.

2   Quorum Announcement

The Chair announced that a quorum of the group was present, and the meeting was convened officially.

3   Tasks Progress Update

3.1   Silin Ren

- Optimized the backend project structure.
- Implemented movie rating and review functions (POST, UPDATE, DELETE).
- The user authentication function based on JWT is being developed (login and registration endpoints have been designed)

3.2   Weian Liu & Zixuan Li

- Completed preliminary user login/logout session management demonstration.
- Correctly shows the creation of session after login and the deletion of session after logout.
- Next, they will study password encryption (pending further confirmation of the encryption method).

3.3   Emmanuel Philipose Antony

The Settings page was developed, including interface designs such as user profile editing and password modification (the functions were not fully connected to the backend).

3.4 Daming Chen

No new features have been developed since the last demonstration, but the existing modules are functioning well.

4 Technical details and discussion

4.1 User registration

User registration currently collects username, email address, and password, no additional information is required.

4.2 Password encryption

- Confirm that the password cannot be stored in plain text.
- Decided to use simple encryption (symmetric encryption or JWT).

4.3 Database design discussion

It is recommended to store user authentication information and user Profile information separately to optimize security and query performance (MongoDB collection design).

4.3. Presentation methods of AI recommendation system

- Is it displayed in a catalog format or interactive in a chatbot format?
- It is tentatively planned to provide both methods and consult customers on their specific needs.

5 Client Meeting Arrangement

- Time confirmed: Thursday at 12 noon.
- Email confirmation: Silin is responsible for contacting Dr. Lee to confirm the time.

6 Work arrangements for the next stage

No.	Tasks	Assignee	Note
1	Complete user authentication	Silin	Includes encryption

	(JWT implementation)		
2	Improve user session management	Weian&Zixuan	Including detailed error messages
3	Study the user profile database design	Silin	Split or merge collections
4	Settings page and Watchlist page framework development	Emmanuel & Daming	Including preliminary front-end layout
5	Movie description page framework design	Emmanuel & Daming	
6	Discuss how AI recommendation systems are presented	All	Thursday Client Meeting Questions
7	Study to Write the Testing Plan	All	

7 Client meeting question preparation

- Does the AI recommendation system support both Catalog and Chatbot modes?
- Search results page design (for movie searches with multiple results).
- Page background design suggestions (do you need to add a background image? The current style is clean and simple).
- Confirm the specific submission date of the Testing Plan.

8 Meeting Summary

- The team has completed the initial development of the core modules.
- Officially entered the stage of function refinement and optimization.
- Some functions or interfaces may need to be adjusted after customer feedback.

9 Adjournment

The next group meeting will be held online via Teams **at 7:00 pm on Friday 2 May 2025**.

The meeting closed at 8:00 pm.