**Weekly Report**

**02/06/2025 – 06/06/2025**

Group ID: **08**

Project Name: Kontroller

Prepared by: **Minh Thuận/ Gia Nghi**

Team members:

23127093 - **Nguyễn Gia Nghi** *Project manager*   
23127139 - **Hoàng Ngọc Tùng** Frontend *Developer*   
23127343 - **Nguyễn Thành Đạt** *Database Developer*   
23127483 - **Dương Đức Thịnh** *Backend Developer*

23127491 - **Nguyễn Minh Thuận** *Backend Developer*

# Achievements since last week:

| **STT** | **Description** | **Due Date** | **Responsibility** | **%Complete** |
| --- | --- | --- | --- | --- |
| 1 | Return to HTML and CSS | 06/06/2025 | Hoang Ngoc Tung | 100% |
| 2 | Work with frontend and backend developers to decide exactly which features should be included | 06/06/2025 | Nguyen Gia Nghi | 100% |
| 4 | Research and design basic UML diagrams, ER models, database schema, and APIs | 06/06/2025 | Nguyen Minh Thuan | 100% |
| 5 | Research and write API descriptions | 06/06/2025 | Duong Duc Thinh | 100% |
| 6 | Completed and agreed on the first version of the ERD (Entity Relationship Diagram) and database schema | 06/06/2025 | Nguyen Thanh Dat | 100% |
| 7 | Define and design the overall project vision | 06/06/2025 | All members | 100% |
| 8 | Complete the first project assignment (PA1) | 06/06/2025 | All members | 100% |

# Issues and impacts:

1. Some members are unfamiliar with UML tools (e.g., Draw.io, Lucidchart)
2. There were difficulties in applying RESTful API principles for the first time, both for the developers implementing the APIs and for those reading and understanding the API documentation.
3. Lack of experience in designing UML, ER diagrams, and system architecture led to significant time spent on understanding and creating accurate models.
4. Don't know how to learn API effectively
5. Challenges in creating an ER diagram that accurately represents the complex relationships between users, games, sessions, and reviews, especially when supporting features like tagging friends or timeline recap.

# Solution for issues:

| **STT** | **Description** | **Due Date** | **Responsibility** |
| --- | --- | --- | --- |
| 1 | Provide a quick internal training session, assign tasks accordingly | 06/06/2025 | All members |
| 2 | Conducted research, internal training, and iterative testing to familiarize the team with RESTful design and improve API documentation. | 06/06/2025 | Nguyen Minh Thuan |
| 3 | Use more and refer from youtube or tutorial websites | 06/06/2025 | Duong Duc Thinh |
| 4 | Created detailed ER diagrams and shared drafts for team review and feedback before finalizing the schema. | 06/06/2025 | Nguyen Thanh Dat |

# Next week's goals:

* Complete the charts and diagrams and the main departments of the design.
* Review and prepare for PA02