

Weekly Report

June 16th 2025 – July 12th 2025

Group ID: <8>

Project Name: <Kontroller>

Prepared by: Nguyễn Gia Nghi

Team members:

23127093 - **Nguyễn Gia Nghi** *Project manager*

23127139 – **Hoàng Ngọc Tùng** *Frontend developer*

23127491 - **Nguyễn Minh Thuận** *Backend developer*

23127483– **Đương Đức Thịnh** *Network engineer*

23127343 – **Nguyễn Thành Đạt** *Data engineer*

1. Achievements since last week:

STT	Description	Due Date	Responsibility	%Complete
1	Completed the first design of the app, observe, manage and adjust (if needed) the ER and the client UML graphs.	July 12th, 2025	Nguyễn Gia Nghi	100%
2	Worked closely with project manager to finalized the design of the app, drew the client UML graph	July 12th, 2025	Hoàng Ngọc Tùng	100%
3	Implemented the entire server API	July 12th, 2025	Nguyễn Minh Thuận	100%
4	Helped and assisted in programming server API and network, as well as the design of the server interface	July 12th, 2025	Đương Đức Thịnh	100%
5	Developed database tables for users and games further. Drew the ER graph	July 12th, 2025	Nguyễn Thành Đạt	100%

2. Issues and impacts:

1. Minor bugs in severr API making it unable to synchronize with network. (Responsible: Nguyễn Minh Thuận/ Dương Đức Thịnh)
2. Leaving out some core windows and features when coming up with the design. (Responsible: Nguyễn Gia Nghi/ Hoàng Ngọc Tùng)
3. Some game-related database fields lacked constraints and indexing, slowing queries. (Responsible: Nguyễn Thành Đạt)

3. Solutions for the issues

STT	Description	Due Date	Responsibility
1	Fixed the small bugs in server API, making it run smoothly	July 10th, 2025	Nguyễn Minh Thuận/ Đương Đức Thịnh
2	Understanded the function of the app thoroughly and added every necessary window and feature to the design	July 10th, 2025	Hoàng Ngọc Tùng / Nguyễn Gia Nghi
3	Added indexing to game title and user ID fields; enforced non-null constraints where needed.	July 10th, 2025	Nguyễn Thành Đạt

4. Next week's goals:

- **Nguyễn Gia Nghi (PM):** Finalize the design of every department of the app
- **Hoàng Ngọc Tùng (Frontend):** Complete login UI and the main window integration; begin implementation of the search and game windows.
- **Nguyễn Minh Thuận (Backend):** Start working with data engineer to manage to backend of the app.
- **Đương Đức Thịnh (Network):** Set up HTTPS certificate and test API endpoints on staging server.
- **Nguyễn Thành Đạt (Database):** Add support for review ratings and implement foreign key relationships. Expand database schema with review and rating tables, add basic indexing.