**Weekly Report**

**07/07/2025 – 13/07/2025**

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 | Complete the API documentation between frontend and backend | 13/07/2025 | Duong Duc Thinh | 100% |
| 2 | Complete the system architecture and software architecture design | 13/07/2025 | Nguyen Minh Thuan | 100% |
| 3 | Complete the entity model and relational model | 13/07/2025 | Nguyen Thanh Dat | 100% |
| 4 | Complete the frontend interface using HTML and CSS files | 13/07/2025 | Hoang Ngoc Tung | 100% |
| 5 | Deploy the database and implement initial queries | 13/07/2025 | Nguyen Minh Thuan, Nguyen Thanh Dat | 100% |
| 6 | Upgrade the backend to support multi-server management | 13/07/2025 | Nguyen Minh Thuan | 100% |
| 7 | Integrate traffic/request monitoring functionality | 13/07/2025 | Nguyen Minh Thuan | 100% |
| 8 | Implement runtime performance tracking | 13/07/2025 | Nguyen Minh Thuan | 100% |
| 9 | Add centralized log management features | 13/07/2025 | Nguyen Minh Thuan | 100% |
| 10 | Enhance the backend to manage multiple servers simultaneously | 13/07/2025 | Nguyen Minh Thuan | 100% |
| 11 | Tweak the design slightly based on the suggestion of other members | 13/07/2025 | Nguyen Gia Nghi | 100% |
| 12 | Get the idea across to database engineer on how to set up all entities needed and how to take data from the third party (IGDB) for the app | 13/07/2025 | Nguyen Gia Nghi | 100% |
| 12 | Complete Project Assignment 3 (PA3) | 13/07/2025 | All members | 100% |

# Issues and impacts:

1. Minor inconsistencies were found between API documentation and actual implementation.
2. Slight misalignment in UI layout between different frontend pages.
3. Minor disagreements between the members on the design of the app and how it operates

# Solution for issues:

| **STT** | **Description** | **Due Date** | **Responsibility** |
| --- | --- | --- | --- |
| 1 | Sync API documentation with latest backend logic | 13/07/2025 | Nguyen Minh Thuan |
| 2 | Review and standardize UI layout across all main page | 13/07/2025 | Hoang Ngoc Tung |
| 3 | Conduct internal walkthrough session to ensure alignment before submission | 13/07/2025 | All members |
| 4 | Modify a few parts of the design, making sure all developers agree with the final version | 13/07/2025 | Nguyen Gia Nghi |

# Next week's goals:

* Begin work on **Project Assignment 4 (PA4)**.
* Implement real-time updates in the frontend.
* Optimize backend for scalability and high load.
* Implement the core frontends including interactive buttons.