**Weekly Report**

**30/06/2025 – 06/07/2025**

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 | Research the software system architecture design | 06/07/2025 | Nguyen Minh Thuan | 100% |
| 2 | Revise the shared data design for frontend, backend, and database | 06/07/2025 | Nguyen Minh Thuan, Duong Duc Thinh | 100% |
| 3 | Design standardized API documentation for FE and BE | 06/07/2025 | Nguyen Minh Thuan, Hoang Ngoc Tung, Duong Duc Thinh | 100% |
| 4 | Design a unified query specification between backend and database | 06/07/2025 | Nguyen Minh Thuan, Nguyen Thanh Dat | 100% |
| 5 | Complete the frontend and backend foundation with integration capability | 06/07/2025 | Nguyen Minh Thuan, Hoang Ngoc Tung | 100% |
| 6 | Complete the UI/UX design framework for the entire project | 06/07/2025 | Hoang Ngoc Tung | 100% |
| 7 | Integrate CI to automatically build the product on every GitHub push | 06/07/2025 | Nguyen Minh Thuan | 100% |
| 8 | Complete the design of the app | 06/07/2025 | Nguyen Gia Nghi | 100% |
| 11 | Confirm the soundness of the design | 06/07/2025 | All members | 100% |

# Issues and impacts:

1. misalignment in UI design
2. frontend-backend integration problems
3. API inconsistencies

# Solution for issues:

| **STT** | **Description** | **Due Date** | **Responsibility** |
| --- | --- | --- | --- |
| 1 | Fix API mismatch between frontend and backend | 07/07/2025 | Nguyen Minh Thuan |
| 2 | Adjust UI elements according to revised design feedback | 07/07/2025 | Hoang Ngoc Tung |
| 3 | Normalize data structures across backend and database for consistency | 07/07/2025 | Nguyen Thanh Dat |
| 4 | Revalidate the ER model based on the recent database schema changes | 07/07/2025 | Nguyen Gia Nghi |

# Next week's goals:

* Finalize and lock the API contract for stable integration.
* Begin implementing the user authentication flow (login, register, session)
* Start integrating the frontend with backend APIs using mock/test data.
* Completely finish the design and most frontend implementation
* Planning for PA4