REPORT WEEK 07

1. Project Information

- **Week:** Week 7 (From 15/12/2025 To 21/12/2025)
- **Phase:** Software Design (Architecture & Data Design)

2. Objectives of This Week

- Complete the Software Design Document (SDD) including System Architecture and Class Diagrams.
- Detail the Data Design (MongoDB Schemas) and API Endpoint specifications.

3. Work Assigned This Week

Task	Description	Status
Nguyễn Thành Tiến	Design the 3-Tier Architecture and MVC pattern documentation; Define RESTful API standards.	Completed
Lê Phạm Kiều Duyên	Create detailed Screen Specifications for the Customer Portal (UI/UX logic and navigation).	Completed
Nguyễn Hoàng Gia Bảo	Finalize Data Design: Specializing MongoDB Schemas, indexing strategies, and data relationships.	Completed
Lương Linh Khôi	Design Global Class Diagrams and Sequence Diagrams for core authentication and checkout flows.	Completed

4. Deliverables: Software Design Document (SDD) - Version 1.0.

5. Verification & Validation: Review by: Nguyễn Thành Tiến | Result: ☑ Accepted

7. Overall Status: Schedule: ☑ On track | Quality: ☑ Good | Progress (%): 100% (Design Phase Finished)