

## **Accomplishment Report**

**Name:** Mark Oliver C. Roman

**Position:** Computer Programmer II

**Date:** August 3, 2025

**Reporting Period:** April – June 2025

---

### **Summary of Accomplishments:**

During the second quarter of 2025, I was involved in the parallel development and enhancement of two major web-based systems: the **Integrated National Medication Error Reporting System (INMERS)** and the **PCMC Pediatric Blood Center's Medical Blood Donation (PedBC MBD) Portal**. Both projects achieved significant milestones during this period, contributing to enhanced digital workflows and improved service delivery within their respective departments.

---

### **1. INMERS (Integrated National Medication Error Reporting System)**

**Client:** Nursing Education and Training Department

- **April 16, 2025 – Version 1 Presentation:**  
Completed and presented the initial working version of the INMERS application to end-users. The presentation was well received, with positive feedback and useful recommendations for further enhancements.
  - **May 6, 2025 – Version 2 (Production-Ready):**  
Incorporated the suggested improvements and additional features, and finalized the production-ready version of the application. Enhancements included UI/UX refinements and feature optimizations to support a more efficient and user-friendly error reporting process.
- 

### **2. PCMC PedBC MBD Portal (Medical Blood Donation Portal)**

**Client:** Mobile Blood Donation Team, Pediatric Blood Center

- **June 23, 2025 – Version 1 (MVP Completion):**  
Completed and delivered the Minimum Viable Product (MVP) functional requirements, which were presented to the Mobile Blood Donation Team. The system addressed key operational needs and included the following core features:
  - **Multi-Role Access:** Defined and implemented separate roles and interfaces for Admins, Hosts/Coordinators, and Donors.

- **Essential Modules:** Developed functionalities for managing events, registering donors, booking appointments, and tracking blood collection.
  - **Tech Stack:** Built using modern technologies including Next.js 15, MySQL with Sequelize ORM, and NextAuth.js for secure authentication and session handling.
- 
- **End of June – Version 2 Planning and Initial Development:**
    - Following the successful presentation of the MVP, the final week of June was dedicated to planning the next phase of development.
    - Activities included:
      - - Gathering initial feedback from the end-user presentation.
      - - Scoping requirements for upcoming features, such as enhanced content uploading and UI/UX upgrades.
      - - Beginning the initial development work for the enhancements and revisions that would be formally released as Version 2 in the following quarter.
- 

## **Conclusion:**

This quarter marked significant progress in both the **INMERS** and **PedBC MBD Portal** initiatives. The successful delivery of production-ready versions and well-received MVPs reflects a continued commitment to delivering impactful and user-centered software solutions for hospital operations and healthcare service delivery.