Project Charter
June , 202

Project Title: SmartStock: Streamlined Inventory and POS Solution for Mighty Mart Grocery Store

Project Start Date: June 20, 2022   **Projected Finish Date:** July 30, 2022

Budget Information: In this project, our expenditure will be limited as we plan to primarily rely on our coding abilities. However, it may be necessary to allocate a portion of our budget towards acquiring premium tools that can assist us in effectively developing this system.

Project Manager: John Paul Elma Jr.

Project Objectives:
- Develop an integrated inventory management system: create a comprehensive inventory management system that automates the tracking and control of inventory items. The system will provide features such as barcode scanning, real-time inventory updates, and automated alerts for low stock levels.
- Enable accurate inventory tracking and stock control: The system will ensure accurate and up-to-date inventory data by implementing barcode scanning technology for efficient item tracking. It will also enable businesses to set optimal stock levels, automatically reorder items when necessary, and generate reports on stock movement and availability.
- Integrate with existing business systems: The solution will offer seamless integration with existing enterprise resource planning (ERP) systems, point-of-sale (POS) systems, and other relevant software. This integration will ensure data synchronization, streamline processes and provide a holistic view of inventory across the organization.

Success Criteria:
This inventory management system offers the capability to expedite and enhance inventory management processes, ensuring rapid and precise outcomes. Restricted system access is exclusively granted to authorized personnel, ensuring the utmost security of their data. Additionally, the system incorporates a real-time analytics dashboard, enabling comprehensive monitoring of stocks, products, and sales for efficient decision-making and strategic insights. Furthermore, all required features and functions must be tested and made fully operational in a six-week period.

Approach:
- Design and implement an all-encompassing inventory management system that streamlines the monitoring and management of inventory items. The system will encompass functionalities such as barcode scanning, instant updates on inventory status, and automated notifications for low stock levels.
- Develop a comprehensive dashboard that provides real-time visibility into stock levels, purchase records, and sales dat

- Incorporate a secure login feature into the inventory management system to ensure that only authorized personnel have access to it.

Roles and Responsibilities

Name and Signature	Role	Position	Contact Information
Mighty Mart	Client/Project Sponsor	President	
John Paul Elma Jr. *Elmajohnpaul*	Project Manager	Project Manager	09458821355
Lawrence Ezekiel Mateo *Mateolanrence*	Project team member/ Consultant	Front-end Developer	09611573782
Mark Angelo Dudas *MADudas*	Project Team Member/ System Designer	Front-end Developer	09499037134
Mark Kenneth Fabunan *Kfabunan*	Project Team Member/Quality Assurance	Front-end/Back-end Developer	09637729626
Mark Angelo Dudas *MADudas*	Project Team Member/ Technical Operations Officer	Back-end Developer	09499037134

Comments: (Handwritten or typed comments from above stakeholders, if applicable)