

12/5/2024



Project Proposal

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Software Project Proposal

Date: 26.04.2025

To
MD. ANWARUL KABIR
Associate Professor

Introduction

We are a dedicated group of software developers committed to creating high-quality, efficient, and scalable software solutions. With a strong background in project management and system development, our team leverages modern technologies to address real-world problems. We aim to deliver robust, user-friendly systems that meet the specific needs of our clients.

Proposal

1. Overview of the proposed system:

The proposed project is a comprehensive Store Management System designed to enhance operational efficiency within retail environments. This system will replace manual inventory and transaction processes with an automated, role-based, and user-friendly solution. The platform will support Admins, Managers, Staff, and Customers, providing each group with appropriate tools to manage inventory, conduct transactions, and review analytics.

2. Objectives and sub scopes:

- Streamline product and inventory management.
- Implement a secure login system for different user roles (Admin, Manager, Staff).
- Enable seamless transactions and billing operations.
- Provide detailed reporting and analytics to Admin and Managers.
- Support customer engagement through a smooth purchasing interface and feedback system

3. Justifications:

- Eliminates inefficiencies in manual inventory tracking.
- Enhances data accuracy and reduces human error.

- Offers better customer experience through faster service and accurate billing.
- Improves resource allocation and operational visibility for management.

4. Stakeholders:

- Primary: Admin, Manager, Staff, Customer
- Secondary: Developers, IT Support Teams, Product Suppliers, Business Analysts, Risk Management Consultants

5. Use case Diagram of the proposed systems:

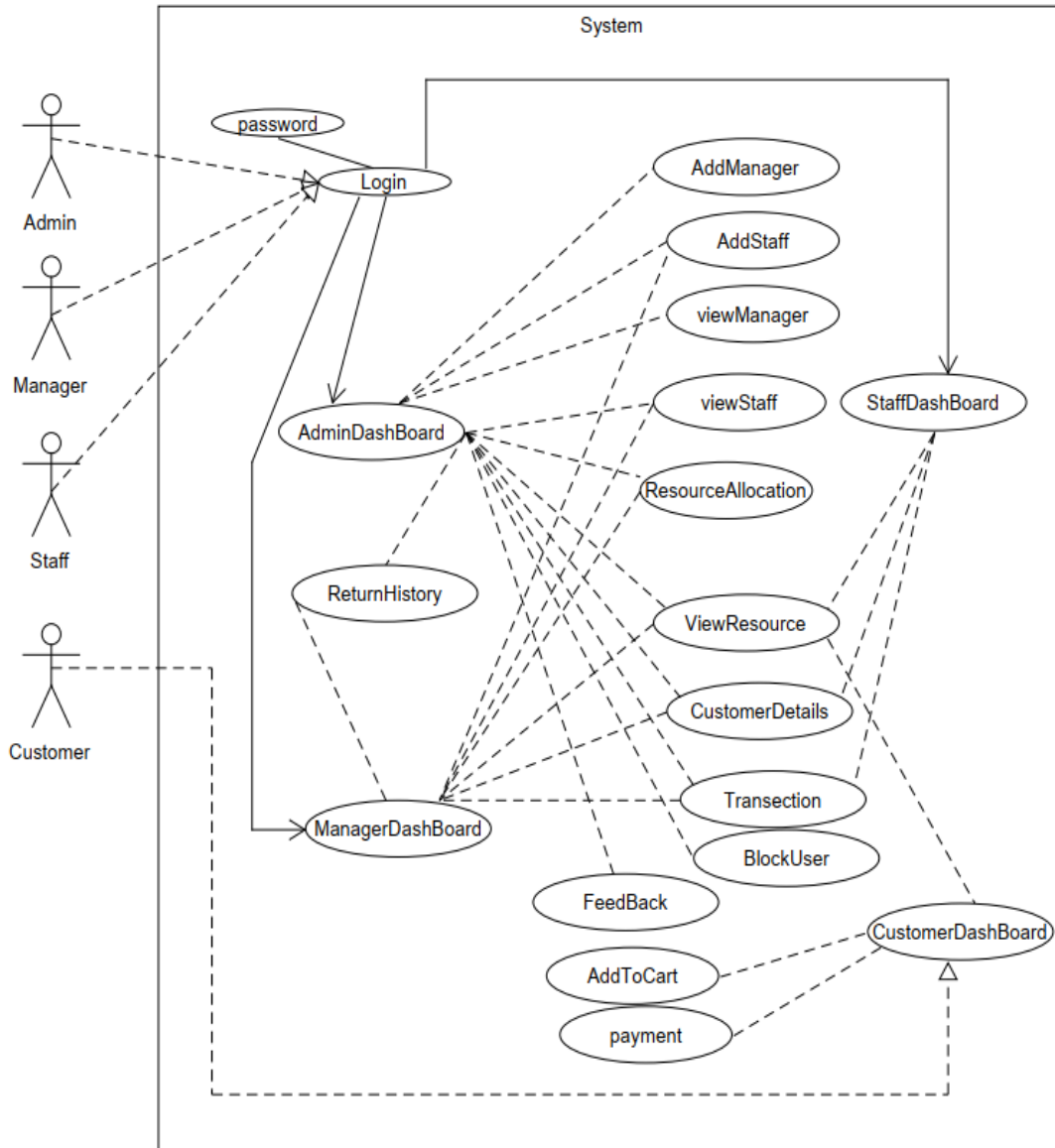


Fig: Use-case Diagram of Store-Management-System

6. Scopes and features:

- Login system for Admin, Manager, and Staff
- Product and Inventory Management
- Transaction Processing and Reporting
- Resource Allocation Tools
- Customer Information and Purchase History
- Feedback and Rating System
- Returns and Refund Handling
- Dashboard and Search Functionalities

7. Technical Requirements:

- i) **Operating Systems:** Windows 7 and above
- ii) **Implementing Software Requirements:** HTML5, CSS3, JavaScript, .NET Core, PHP, Microsoft SQL Server
- iii) **Hardware Requirements:** 8GB RAM, Core i5 processor, 16GB RAM, Quad-Core Processor, SSD storage.

8. Human Resource Requirements for operation

- 1 Project Manager
- 2 Backend Developers
- 1 Frontend Developer
- 1 Database Administrator
- 1 QA Engineer
- 1 IT Support Specialist

9. Pricing:

Our fee for the whole project from the first step to the last one will be \$5,000. The breakdown is provided below:

- Requirement Analysis and Planning: \$500
- Design and Documentation: \$800
- Backend and Frontend Development: \$2,000
- Database Development: \$600
- Testing and Debugging: \$500
- Deployment and Training: \$600

Warranty & Limitation of Liability

From the time our software proposal is accepted, we have offered a sixty-day warranty. If the software breaks down or stops working altogether within this time, we take the required action to resolve the problem and guarantee that the product continues to function in accordance with the guidelines. However, you can still use our services if you need them in the future.

Contact us:

You can contact us with any of the following ways:

- Email: sdpm.aiub@student.edu
- Phone: +880-1XXXXXXXXXX

We look forward to hearing from you.