POS MANAGEMENT SYSTEM

For Retails,

Department Store

WELCOME TO
MY
PROJECT PROPOSAL

It scholarship
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Application

Jan 05, 2025,

The Consultant WDPF, IDB-BISEW IDB Bhaban

Sher-e-Bangla Nagar, Dhaka.

Subject: Project proposal letter for POS Management System

Dear Sir,

Thank you for offering me a great opportunity to make a real-life project based on our core course that is Web Development with PHP and MySQL(PWAD). In this respect, I would like to inform you that I have decided to make a project on library Management System, which is most importance for every office communities. I have studied about the various aspects of this system and make a proposal accordingly which is enclosed herewith for your kind perusal. So, I think you will finally Approved the project and help to utilize my creativity.

Sincerely,

Rafia Akter,

Trainee ID:1288607

Batch: PWAD/NCLC-M/62/01

Index of the project

1. Objective

The main objectives of the project is to typically a project by which user can keep track of all information such as Inventory, Accounting transactions, Purchase & Sales, Payroll and HR and many financial and managerial reports in a digitalized way. And also this software concentrated on some functional features, faster document filing, retrieval, maintenance, and tracking as well as how to capable of communication with other application and services.

The idea of this software is categorized, functional, user friendly web base solution by which any can observe and monitor their management information and resources.

The basic concept of this URS is to categorize the functional activities and features of the application according to user.

1.1 Purpose

In short, the main purpose of ERP solution is to ensure that all sections of a company can process real time daily transactions. The purpose of this URS document is to provide a detailed overview of our user product, its parameters and goals. This document describes the project's target audience and its user interface, hardware and software requirements. It defines how our client, team and audience see the product and its functionality. Nonetheless, it helps any designer and developer to assist in Software Development Life Cycle (SDLC) processes.

Software Features

- Different login system
- Controlling Access to perform specific task.
- Control product by type, category and manufacture base.
- Product Expired date notification.
- Stock Management system.
- Lot Base Product Stock.
- FIFO and LIFO Sales system.
- Multiple unit of measurement base sales.
- Product price and discount system.
- Tax control system.

- Audit information system.
- Flexible purchase and sales report.
- Flexible dues calculation.
- Product price life cycle report.
- Sales analysis report.
- Current stock and assets report of the shop
- Online report system.
- Repots with graphical view.
- communicate by text and calling one to another user.
- Auto backup Database.
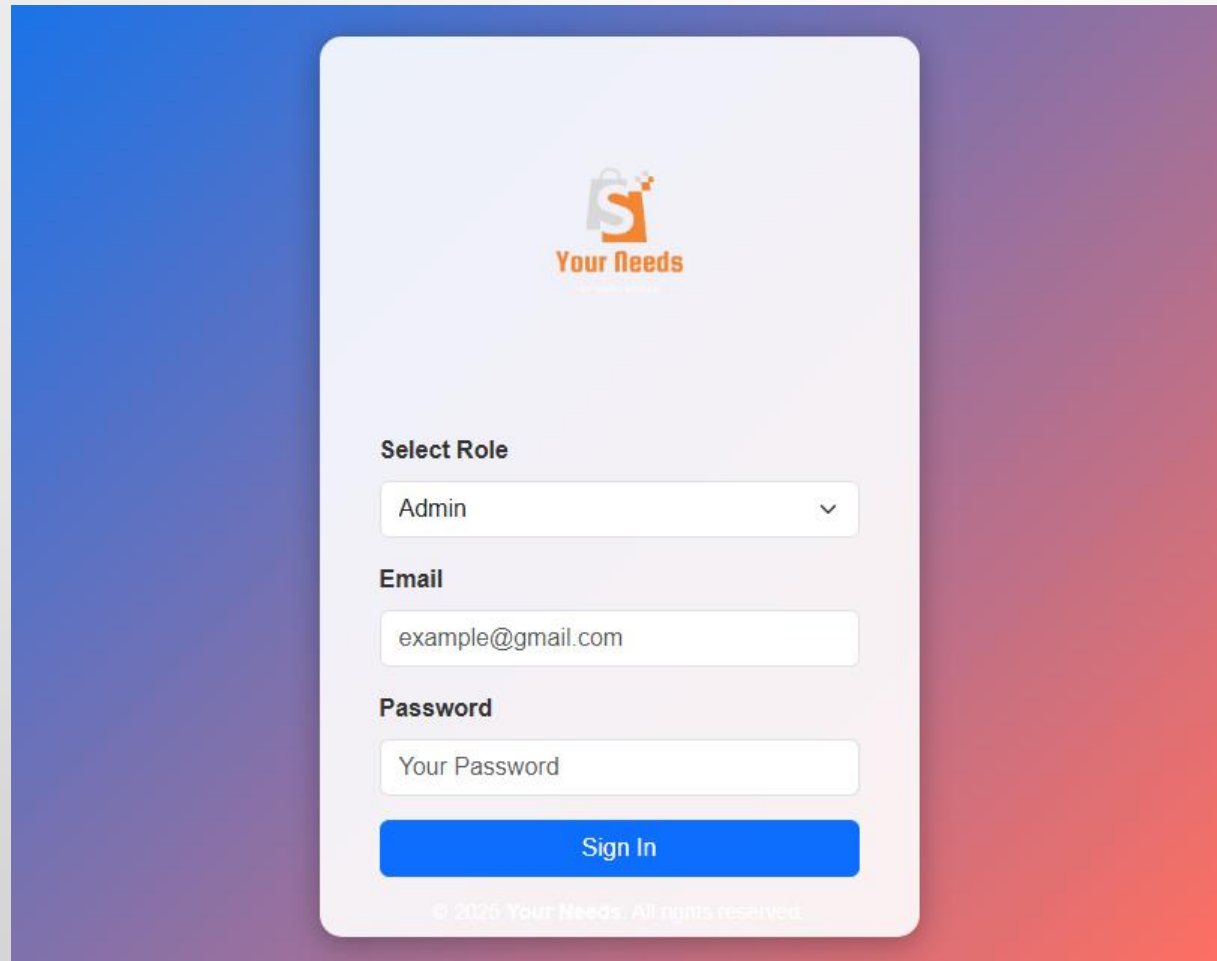- Safe from Hacker and third parties.

POS management System flow chart
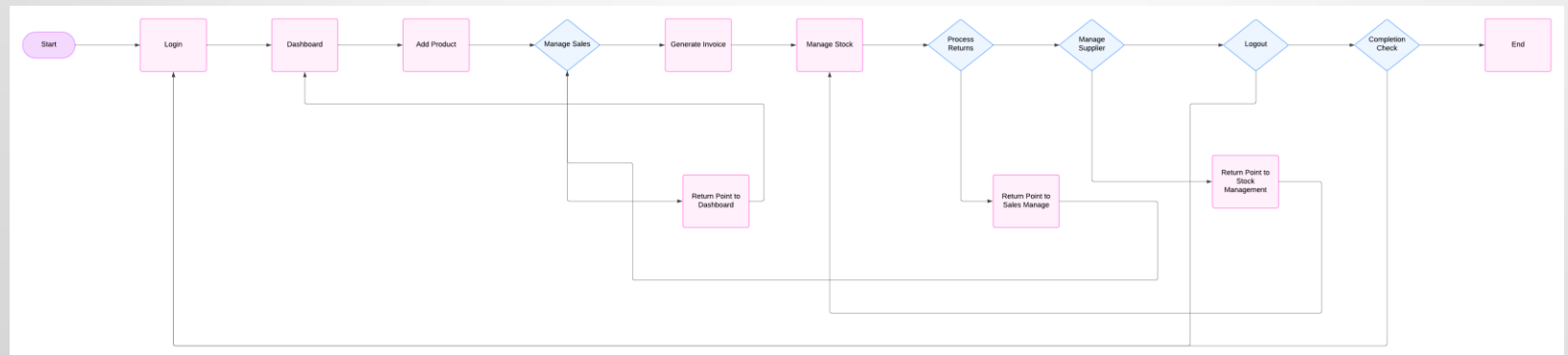
ERD – Pos Management system
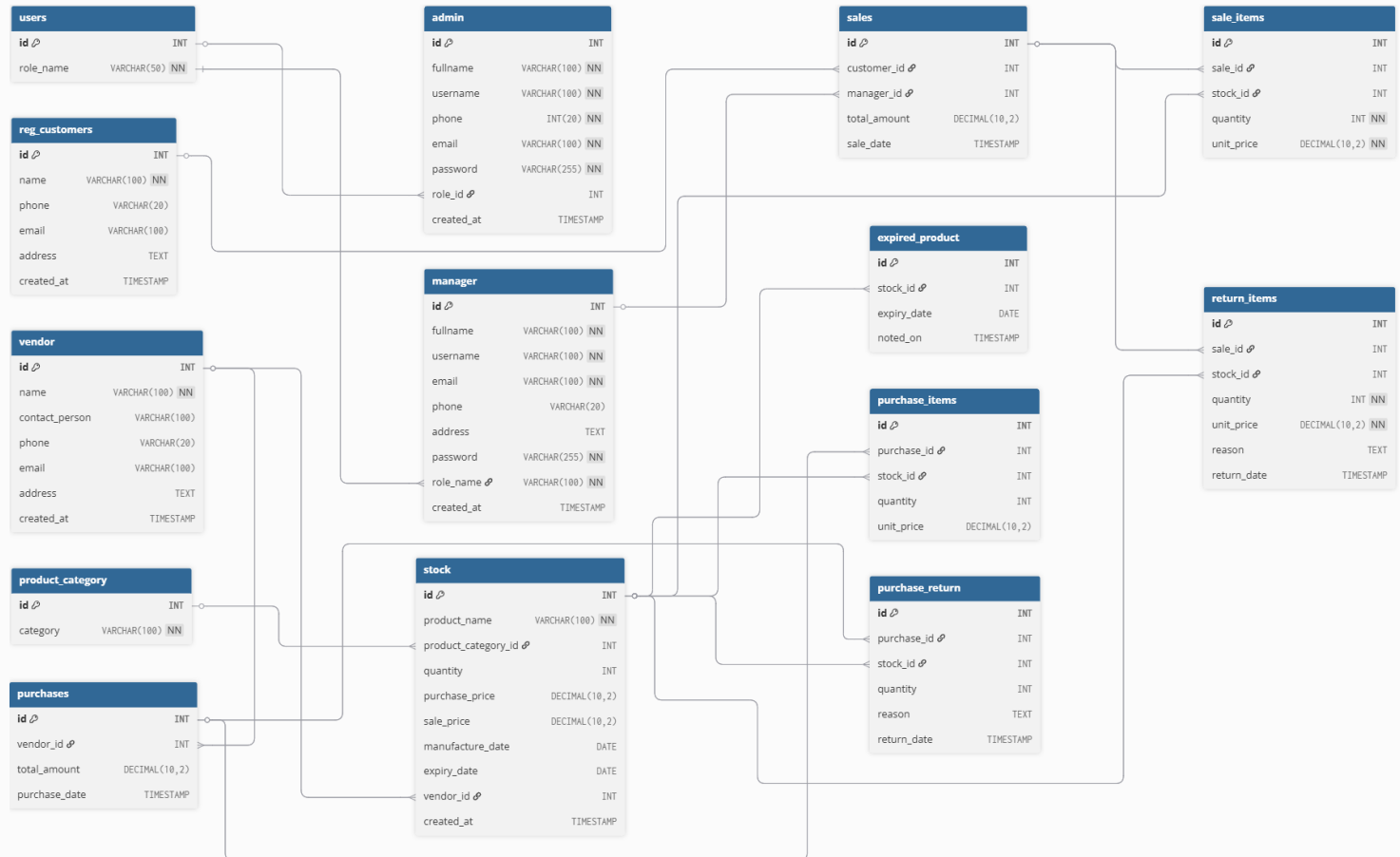
List Of Reports

- ❑ Designation Report
- ❑ Employee Report
- ❑ Product Type Report
- ❑ Product Category Report
- ❑ Purchase Report
- ❑ Stock Report
- ❑ Wastage Report
- ❑ Expired Date Report

- ❑ Sales Report
- ❑ Profit and Benefit
- ❑ Order Report
- ❑ Received Report
- ❑ User Report
- ❑ Audit Report
- ❑ Menu Form
- ❑ Password Form

LOGIN PAGE :
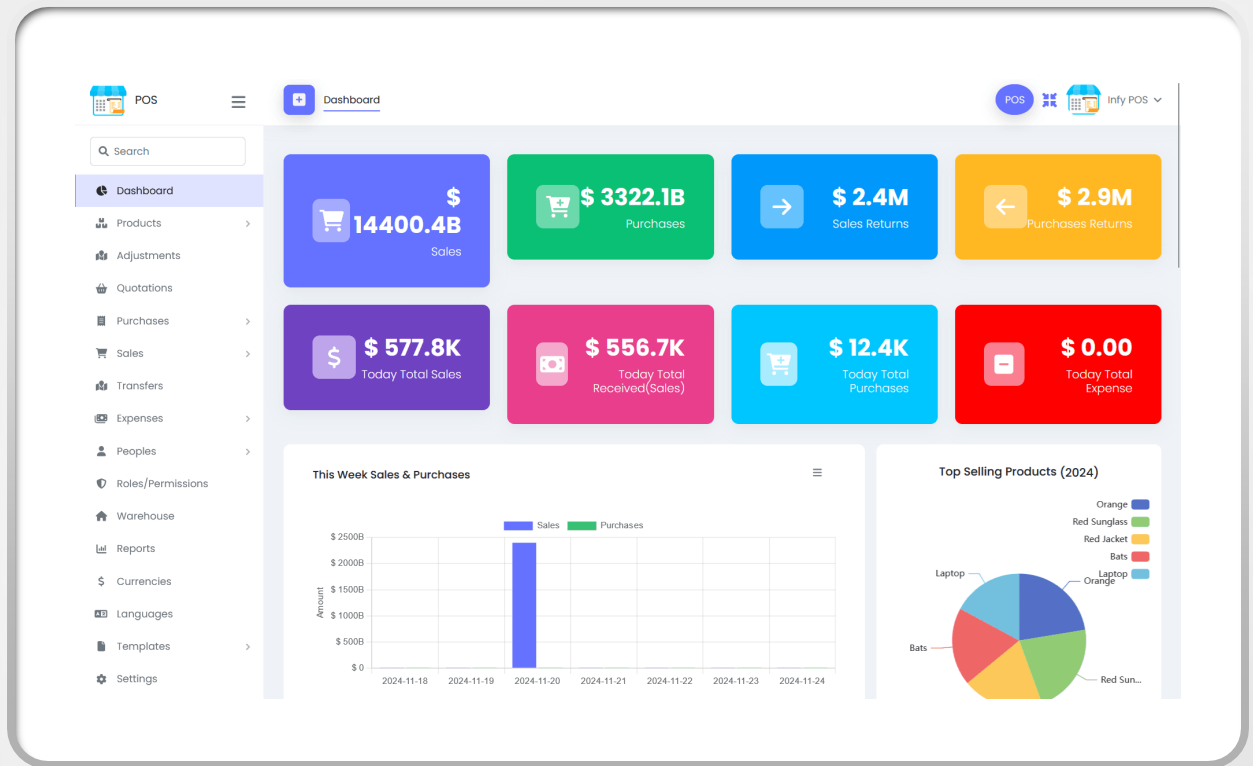
DASHBOARD DESIGN :

Sales Invoice :

Example of Invoice Report

Milestone/Timeline

Stages of Development	Days
Initial study & Documentation	10
Feasibility study & Documentation	10
Analysis & Documentation	10
Designing & Documentation	10
Coding & Documentation	10
Testing & Documentation	5
Implementation	5
Total	60 Days

Information Source & Reference

❏ PHP.Net

❏ MySql.com

❏ Vcampus

❏ W3School

❏ Income Tax Authority

❏ Audit Information

❏ Supply chain
  management

❏ Stock Management

❏ Bar Council

❏ Ministry of Law

❏ Wikipedia

❏ Legal Aid

Use Of Tools And Technology

This is a web based software and can be run either offline or online or both systems. It is based on frontend and backend system.

Frontend	Html 5, CSS3, Bootstrap, JavaScript
Back end	PHP, MYSQL

Server Software Configuration	
Operating System	Windows 7 and higher
Language	PHP
Database	MYSQL

Implementation Cost

The implementation will cover the following areas:

❑ Analysis of Super Shop management system.

❑ Core coding of the application.

❑ Database designing.

❑ Frontend design.

❑ Developing the business and database logic.

❑ Module level unit testing.

❑ Bug fixing and final release including server setup

Thanks For Watching