

Model Govt. Degree College chrar-i-sharief
Department of Computer Applications
Project Synopsis
Project Title: Stock Management System for Educational Institutions
Team Member:
- Sahil Showket
- Burhan u din Khaja
- Zahid Shafi

Abstract

The Stock Management System project aims to develop a comprehensive solution for tracking and managing inventory across various departments within an organization. This system is designed to streamline the process of recording stock consumption, pending items, returns, and expenses, thereby enhancing operational efficiency and financial management. Additionally, the system incorporates a feature to export reports in PDF format, providing a convenient and accessible way to share inventory data. The project leverages modern web technologies to ensure a user-friendly interface and robust backend support.

Introduction

The Stock Management System addresses the critical need for efficient inventory management in educational institutions. It provides a platform for department heads to input their stock consumption data, facilitating real-time tracking and analysis. The system is structured to include a high-level admin module, enabling centralized control and oversight of the inventory process. This project is motivated by the challenge of maintaining accurate and up-to-date inventory records, which are essential for effective resource allocation and financial planning. The inclusion of PDF report export functionality enhances the system's utility by allowing for easy sharing and analysis of inventory data.

Objectives

1. To design a user-friendly interface for department heads to input stock consumption data.
2. To implement a system for tracking pending items, returns, and expenses.
3. To provide an admin module for centralized management and oversight of the inventory process.
4. To ensure data integrity and security through the use of PHP and MySQL.
5. To incorporate a feature for exporting reports in PDF format for easy sharing and analysis.

Platform/ Technologies to be used in development

- Frontend: HTML, CSS, Bootstrap, jQuery
- Backend: PHP
- Database: MySQL
- PDF Generation: DomPDF (for PHP)

This project is poised to revolutionize the way inventory is managed in educational institutions, ensuring that resources are utilized efficiently and effectively. By leveraging modern web technologies and incorporating a PDF export feature, the Stock Management System offers a robust and scalable solution to meet the evolving needs of educational institutions.