**MBARARA UNIVERSITEY OF SCIENCE AND TECHNOLOGY**

**COURSE NAME: INTERNET TECHNOLOGY AND WEB DESIGN (2023)**

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**STOCK MANAGEMENT SYSTEM**

**Introduction**

A stock management system project is a software solution designed to help businesses manage their inventory efficiently. The system enables businesses to monitor their stock levels, track sales, and optimize inventory to reduce waste and minimize stock outs.

This Stock Management System in PHP is used to track the products in and out from the inventory, the user can add products, update, delete and track, and keep the records of products in a proper way.

**About The Project**

The Stock Management has been developed using PHP, HTML, CSS, JavaScript and MySQL Database as Back-End**.** It is a web-based application that provides an online and automated platform for shops or businesses. This project can manage the company's Purchase Orders, Receiving, returns, and Sales Records. The application has a pleasant user interface with the help of CSS customized styles. It also has user-friendly functionalities.

This Stock Management System can be only accessed by one types of user which is the System Admins. The Admin User can access and manage all the pages, forms, and features of the application system.

**Features**

The Stock Management System has five features or modules first the Brand which contains the brand name of the product and status if the product is available or not, second is Category which contains what category name of the product and also status, third is Product which contains name of product, rate, quantity, brand, category and status of the product, fourth is Orders which contains date of order, client/customer, contact, total of ordered item and payment status and last is the Report which contains all the transaction from the customer.

**Stock Management System Project Report in PHP Features**

Brand, Category, Product, Orders

**Report Functionalities**

Secure Login and Logout

Manage product list.

Manage Purchase Order Records

Manage Sales Records

Manage products

Automatically adds to Item stock availability

Automatically updates the stock availability upon saving

Automatically updates total revenue upon successful order.

**Summary**

The Stock Management System is developed with the use JavaScript, CSS. using PHP and MySQL database, this software is used to track the products in and out from the inventory, the user can add products, update, delete and track, and keep the records of products in a proper way.