

# Warehouse Management System

## Project Domain / Category

Web Application

## Abstract / Introduction

ABC is a company which is running a large-scale business across Lahore, Karachi, Rawalpindi, Faisalabad, and Quetta in Pakistan. Its head office is in Rawalpindi. After manufacturing the finished products, they are sent to the warehouse located in Rawalpindi. All finished goods are dispatched to all distribution centers through the warehouse.

You are required to develop a Warehouse management system for this company. You need to maintain records of all incoming and outgoing products. Firstly, you are required to develop a chart of accounts (parent accounts, control accounts, and ledger accounts). Furthermore, you are required to generate different reports that help ABC Company in decision making, such as inventory reports, stock aging, stock value reports, and stock movement reports.

## Functional Requirements:

1. Admin will log in to the system using their login ID and password.
2. Admin can create users and give rights to other users.
3. Admin can use the entire system to enter, update, and delete any record.
4. Admin can manage a chart of accounts (parent accounts, control accounts, and ledger accounts).
5. Admin can generate a detailed report to view item-wise, day-wise, week-wise, or month-wise details of items coming in and out of the stock, and brand-wise details of items coming in and out.
6. Only Registered users will be able to login to the system.
7. User can also enter, update, and delete if the admin grants them complete rights.
8. User can enter data into the system, such as creating vouchers and reviewing ledgers.
9. User can view a report of all items in the warehouse by city.
10. User can generate different reports such as inventory reports, stock aging, stock value reports, and stock movement reports.

**Tools:**

Developer can develop this project in any web based tool. For example, HTML, CSS, JavaScript, PHP, .net, MySQL etc.

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