

Stock Management Application Development

ELF / HTD Training Programs
Java Full Stack - Use Cases

1. INTRODUCTION

This document outlines the Project. The project is to develop a stock management for a shop. This document contains the work flow of the system and gives guidelines on how to build the functionality gradually in each of the course modules.

2. PROBLEM STATEMENT

In any store, store-manager have to do lot of work to maintain the record of what are the products he has in his store. He has to update every day what are the products sold out and how many of them are still available in the store. All these things have to be done manually.

3 OBJECTIVE

To remove all the manual work of the store-manager and automate it via web application. This will reduce the work of store manager and he can maintain the products very easily via web app.

4 ABSTRACT OF THE PROJECT

The Stocks Management system will enable a chain of stores to coordinate with their supplier to facilitate on time supply and to maintain updated information about available stocks at one store. This Stores Management System can be hosted over intranet.

5. IMPLEMENTATION

Following is a list of functionalities of the system. Wherever, the description of functionality is not adequate, you can make appropriate assumptions and proceed.

There is just one type of user, that is store-manager or admin.

- The user can search for product by name, category, company of the product
- The user can add product to the database
- The user can modify product details
- The user can add product to a cart and generate a bill for the products list present in the cart, the quantity has to be reduced in the DB once the bill is generated

6. DATABASE STRUCTURE

Products_Info

id	int (primary key) (auto generate)
name	varchar(255)
category	varchar(255)
company	varchar(255)
quantity	int
price	double

Order_History_Info

order_id	int (foreign key)
product_id	int (foreign key)

Order_Info

id	int (primary key) (auto generate)
total_price	double
total_price_with_gst	double