



UE17CS252 : Database Management Systems

Inventory Control Management System

Sriram S K
PES1201700097

Kevin Arulraj
PES1201700659

Abstract

An inventory control management system is essential for any company that runs operations to manage its supply chain. With our project, we intend to simplify the processes of managing inventory in a warehouse or a godown.

'The Warehouse', is what we've dubbed our inventory management system, serves as a simple, efficient and easy way to manage large stocks of supplies. Our vendors/suppliers supply their best products to our warehouses and we distribute these products to retailers and end consumers. We keep track of inventory and trends and stock our warehouses accordingly.

Technologies used

1. PHP - For server-side scripting and to display the queried data on our webpage.
2. PostgreSQL - We use PostgreSQL as our database for data storage and querying.
3. GitHub - For version control and adding functionality in a smooth manner



4. XAMPP - We use xampp as our web server to host our website.
5. HTML and CSS - To design our website and to provide front end functionality to our customers.
6. Bootstrap Framework - Web framework for fast deployment of 'The Warehouse' website.

Outcomes:

We have made a functional database application with a complete backend where you can make transactions and buy/sell respectively. On our website you can view the results of our queries and look at what items we sell or you can register to be one of our suppliers.