

# PROJECT SYNOPSIS

**TITLE:** INVENTORY MANAGEMENT SYSTEM

**SUBMITTED BY:** Group no 4

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## ABOUT THE PROJECT:

**AIM:** The aim of the project is to develop a fundamental inventory management system that enables a company to effectively monitor their inventory levels, stock movements, and product availability. The primary focus is on implementing features that facilitate adding new items to the inventory, keeping track of stock levels, and generating comprehensive reports on the inventory status.

## DESCRIPTION:

An inventory management system is a software application used by businesses to manage their inventory levels and stock movements. It enables businesses to track inventory levels in real-time, identify stock shortages, and optimize inventory levels to ensure efficient supply chain management. The system facilitates managing the flow of goods from suppliers to warehouses to retail stores, and helps businesses to avoid overstocking or understocking of products. An effective inventory management system can help businesses to reduce costs, improve productivity, and enhance customer satisfaction.

## TECHNOLOGIES:

**Frontend** – HTML, CSS, Javascript.

**Backend** – PHP, MySql.

**Authentication:** Passport.js

**Data visualization:** Chart.js

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