**Developing a Smart Shop Management System**

1. **Background**

Nowadays, our life is more and more inseparable from the store, and the store is already a part of our life. The store needs to deal with a large amount of inventory information, but also constantly update the sales information of products, and constantly add product information. In the face of different kinds of information, a reasonable database structure is needed to store data information, and an effective program structure is needed to support the execution of various data operations. It allows managers to know the purchase, sales and inventory of the store well, so that they can better schedule goods, increase the efficiency of human work and the efficiency of goods in and out, and reduce the complicated work of users.

1. **Problem Statement**
2. The traditional store operation is mainly labor-based, and the purchase volume is large. Relying on manual statistics is really laborious. The problem is that there is no automatic statistical summary function. My solution is to develop a function of online input through the system and automatic statistics and summary of commodity inventory, which is of great significance to the improvement of store commodity inventory management efficiency.
3. Traditional stores have a large flow of operating funds and cannot be out of stock. The problem is that it is difficult to strictly control every link of capital flow by relying on manual monitoring. And my solution is to develop a function that automatically purchases, returns, sells and counts inventory through the system, and strictly controls each link to prevent unexpected inventory situations.
4. **Aim**

This project aims to develop a Store Management System that runs on the web side of PC.

1. **Objectives**
2. To conduct an analysis of the existing Store Management Systems in the current market.
3. To collect the needs of the majority of users.
4. To develop convenient checkout system and Financial Management System.
5. To develop commodity and funds management and statistical functions, etc.
6. To develop a Store Management System Prototype.
7. **Scope**
8. The system can record commodity inventory, sales and purchases
9. The system can understand the store's purchase channel, unit price and quantity of goods.
10. The system can understand the types and quantities of goods in stock, the types, prices and quantities of goods sold
11. The system can count and account for daily changing data and register relevant documents.