

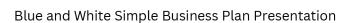
## A complete web-based BKP INVENTORY MANAGEMENT SYSTEM For STC, BIM(Sixth Semester)

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### INTRODUCTION

The inventory Management system is an automated solution designed to streamline and simplify the process of tracking and managing directory in real time. This system maintains information about stock levels, products, sales, and purchases. It reduces manual errors, prevents overstocking or stockouts and improves operational efficiency.







Human Error
 Manual record-keeping is slow, error-prone, inaccurate data, financial loss, poor custome.

inaccurate data, financial loss, poor customer service and inconsistent.



2. Data Loss

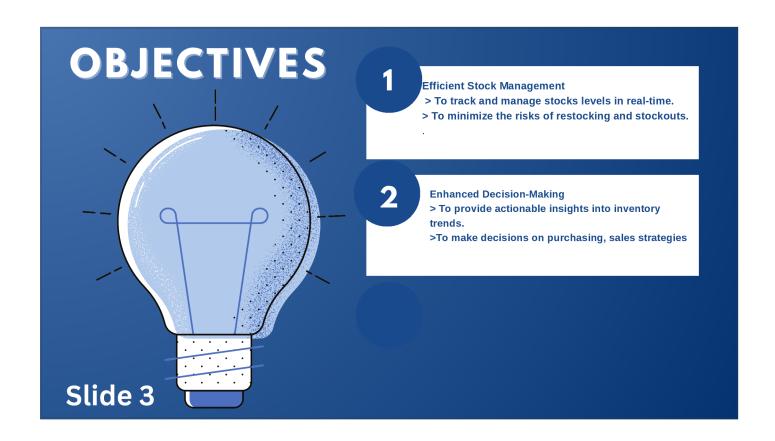
Paper based records or unprotected spreadsheet are susceptible to loss or damage.

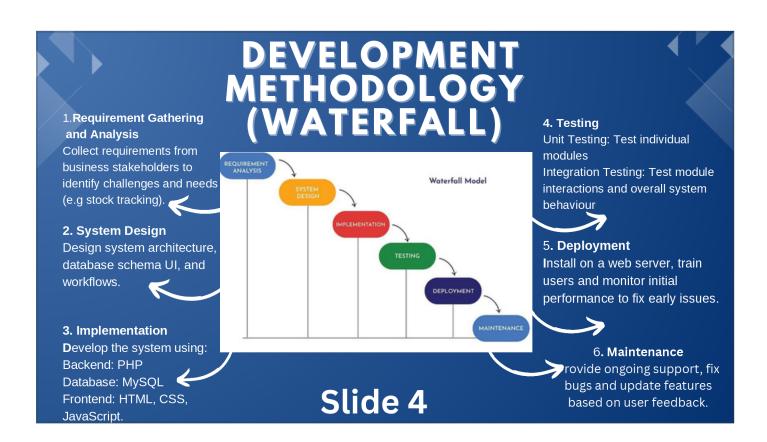


3. Inefficient stock management Lack of real-time data makes it hard to monitor stock levels, resulting in overstocking or wastage.



4 . Time Consuming Process
Manual methods consume valuable time
that could be better spent on strategic
business tasks.





### REQUIREMENTS

### **Functional Requirements**

- 1. User Authentication
- 2. Manage Products
- 3. Purchase Management
- 4. Sales Managements
- 5. Stock Update

### **Non-Functional Requirements**

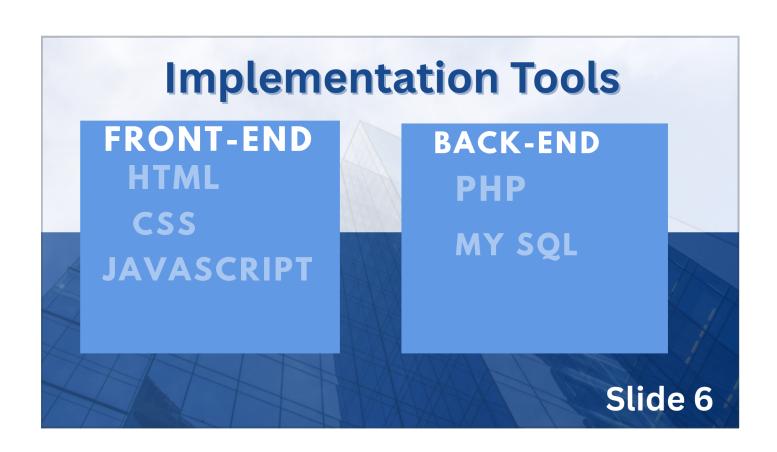
- 1. Performance
- 2. Use-Friendly interface
- 3. Security
- 4. Scalability

### **Hardware Requirements**

- 1. Laptop or Desktop Computer
- 2. Printer

### **Software Requirements**

- 1. Notepad
- 2. XAMPP Server
- 3. Google chrome
- 4. Microsoft Word



### Slide 7

### **EXPECTED OUTCOME**



### **✓ 1. Efficient and Accurate Inventory Management**

Real-time tracking reduces errors and manual effort

Automated updates ensure precise stock records

### 2. Better Decision-Making and Productivity

Reports support smart planning and business optimization

Staff can focus on strategic tasks, boosting productivity

✓ 3. Scalable, User-Friendly, and Cost-Effective

Easy-to-use interface for all users System grows with the business and cuts

# TASK Week 1 Week 2 Week 3 Week 4 Week 5 Week 6 Planning Requirement gathering & analysis Implementation Maintenance Report Writing

### **Cost Estimation**

| S.N | Particulars            | Cost (Rs) |
|-----|------------------------|-----------|
| 1.  | Print                  | 5000      |
| 2.  | Internet               | 1200      |
| 3.  | Transportation charges | 2000      |
| 4.  | Pen drive              | 800       |
|     | Total                  | 9000      |

### Conclusion



The Inventory Management System (IMS) offers real-time updates, a user-friendly interface, and supports data-driven decisions through detailed reports. IMS boosts efficiency, lowers costs, and promotes sustainability. With future enhancements like mobile access and forecasting tools, it remains a key solution for effective and accurate inventory management.

### Thank you! for your valuable time and attention.