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**SUBJECT:**

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SOFTWARE ENGINEERING

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## **Inventory Tracker System - Project Documentation**

### **1. PROJECT TITLE**

Inventory Management and Tracking System

### **2. PROJECT SUMMARY**

The Inventory Tracker System is a web-based application designed to help small businesses manage their inventory. It provides a simple interface to track products, monitor stock levels, and generate basic reports. The system uses browser localStorage for data persistence, making it accessible without server requirements.

### **3. TECHNOLOGIES USED**

- HTML5: For website structure
- CSS3: For styling and responsive design
- JavaScript: For interactive functionality
- LocalStorage API: For data storage
- Git & GitHub: For version control

### **4. FEATURES IMPLEMENTED**

- Product CRUD operations (Create, Read, Update, Delete)
- Real-time search functionality
- Dashboard with statistics
- CSV export capability
- Responsive web design
- Data persistence

### **5. DEVELOPMENT APPROACH**

This project followed an incremental development approach:

- Week 1: Planning and HTML structure
- Week 2: CSS styling and layout
- Week 3: JavaScript functionality
- Week 4: Testing and documentation