

Business Inventory Tracker

Problem Description

Managing inventory is an important aspect for any sort of business that has product to sell. Businesses not only need to manage what inventory is on hand, but also manage inventory that needs to be ordered and inventory that has yet to arrive. Inventory of high importance that needs to be kept on hand or even inventory that may run low without businesses realizing can introduce delays and reduce revenue.

By building this system, inventory can be quickly tracked, updated, and organized to prevent shortages and overstocking with an easy overview viewable from any Web-capable device on the network.

System Capabilities

The new system should be able to:

- Store information on currently available inventory, as well as inventory expected to arrive
- Provide the available and expected inventory information at a glance to the user from a main overview screen
- Collect tracking information on ordered inventory and display information to the user
- Display alerts to the user when available inventory drops below a specified amount to allow for ordering of new inventory
- Be accessible from any device with a Web browser and access to the network the system is hosted on

Business Benefits

We believe that the production and deployment of our system will provide the following benefits to businesses:

- More efficient view of inventory at a glance by condensing information to provide an overview of the status of all inventory items
- Viewable on any device with a web browser and connection to the business network to allow access without having to install software on each device, as well as allowing updates to the system without needing to update on devices
- Customizable alerts for inventory low on stock prevent part or inventory shortages due to user error and allow users to reorder inventory items
- View status on inventory items currently ordered to account for incoming inventory, helping prevent over-ordering and account for potential shipping delays