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**2-3 Project 1 milestone**

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I have chosen option 1, the inventory app. The goal of this application is to ensure that workers can access a digital log of the inventory securely and with ease. A database and backups will be needed. It is recommended that it has at least two tables, one for inventory and one for login information. It needs a screen for logging in or creating an account. An account recovery option would also be nice, the IT department would be thankful for that feature. A grid layout for showing all inventory is required. Adding and removing items from the list is also a requirement. A quick way to adjust quantity of the items is also needed. A notification for when an item is no longer available.

The database will need a server and backup along with downtime prevention to prevent inaccurate information or bottlenecks in the warehouse. The web application should be HTML based, so it can also be opened on a web page, adding multi-platform support. The database could be Microsoft based while using SQL and using a domain and group policy for security and

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ease of use in the event that an account needs to be managed using Microsoft’s remote administration tool. The IT department would also likely appreciate a familiar tool, since this reduces proprietary training on potentially in-house software. This can also be updated and maintained automatically if needed. A barcode scanner would make things easier as well, and it can be loaded onto a worker’s phone, reducing hardware costs.

Two competitive applications that are of the same type are “Sortly” and “inFlow”. Three potential users are workers, managers, IT department workers, and auditors. The app will serve inventory logging needs, workers will engage with the app to manage warehouse inventory logging. Worker lifestyles fit with this app well since they need it to efficiently work. Users can engage with this app as long as it’s not depreciated and can run on modern and old smart phones.

**References:**  
Sortly:  
Sortly. (n.d.). *Sortly inventory management software*. Retrieved from <https://www.sortly.com>

inFlow Inventory:  
inFlow Inventory. (n.d.). *Inventory management software*. Retrieved from <https://www.inflowinventory.com>