

High Level Requirements

- We want our clients to be able to order directly through the **website** and have **orders** show up on our fulfillment **applications**.
- There will need to be a mobile fulfillment **application** to be used on android phones by the warehouse employees to collect the **products** ordered by the clients for their **delivery**.
- There will need to be a sister application to be used by employees when replenishing **products** in the warehouse and creating **shipments**.
- We will need to keep track of **inventory** and maintain a **history** of customer names, orders, and addresses.
- There will need to be a desktop application for managing **warehouse operations** and organizing **orders**. It should prioritize **orders** and send them to **employees** based on that priority.
- Our **employees** will need to be able to quickly scan in **inventory** to maintain a fast and consistent pace.
- We want the desktop application to create default **routes** with suggestions about how a **route** could be changed.
- We want the desktop application to have a feature that can automatically **palletize** the **orders**, with a **manual palletizing** option.
- We want a way to track the **productivity** of our employees through the android application and access this information through the desktop application.
- We want all systems to be synchronized through the **cloud**.