




Legacy

WMS

By Andres Dominguez, Sela Khoun,
Antonio Mendoza, and Alejandro
Vasquez.



Roadmap

- What a WMS is
- Who uses a WMS
- What features our system provides
- Information our DB stores
- Live Presentation
- Outline of future changes to our project

Warehouse Management System

- A system is used in warehouse production to increase efficiency
- Our system consists of a database and a GUI that the employee will interact with
- Our software will help warehouse supply chains with storing items in specific locations, facilitate the receiving of a product and speed up the picking process by telling the employee where the item needed is located
- Overall, our WMS gives the client more visibility of a product at all times
- Many companies use a WMS such as Amazon, UPS supply chain, and Adidas.

What can it do?

- It save the location of the product in the db for easier picking in the future
- It will be able to report the status or location of any product at any time
- It will suggest a putaway location for an item received
- It will add a lock to expired product, which will help prevent accidental shipments of expired goods
- It will provide data security by allowing the admin to edit data and the employee to just view the data

Information the DB stores

- Employee IDs, Names, and accesses
- Item name, IDs, quantity, date of arrival, status and expiration locks
- Inbound related attributes such as received items
- Customer information such as adress and names
- Outbound related info such as status of shipped product and reports
- Location names, IDs, and displays what exactly is in each location

Live Demo

What is next for our WMS

- Add warning prompts when an order calls for a list with an expired item
- Improve our GUI, focus on aesthetics
- Add a warehouse reports module
- Load large data to test scalability



Thank You