Use Case for Amazoom warehouse

Use Case: Customer searches for product

-The customer inputs keywords for product into system

-The system will read keywords

-The system will send keywords to warehouse computer

-The warehouse computer will search storage for related item

-The warehouse computer will return results to system. If the system cannot find the item the system returns a failed search message to the customer.

-The customer receives the search results

-if customer finds something that he wants<<Scenario 1>>

Scenario 1: move onto to ordering item

Use Case: Customer orders product

-The customer sends item and quantity data to system as order data

-The system sends order data to warehouse computer

-The warehouse computer checks if item and quantity are available

-The warehouse computer confirms order and sends back notice back to system. If the item is not available send back an error message.

-The system sends the customer a confirmation message

-The customer receives order confirmation

Use Case: Manager checks status of order

-The manager chooses which order to check

-The system sends info to the warehouse computer

-The warehouse computer checks the order status

-The warehouse computer sends back info to the system

-The system gives status info to the manager

-manager receives status info

Use Case: Manager checks number of stock for an item

-The manager accesses the system to check stock

-The system sends a command to the warehouse computer

-The warehouse computer checks the stock for the item

-The warehouse computer sends back info to the system

-The system gives status info to manager

-The manager receives status info

Use Case: order for restock

-The warehouse system checks number of stock for items

-The warehouse system sends order for a certain amount of low stock item to system

-The system orders for a restock and sends it to truck

-The truck receives restock order

-The truck delivers restock

Use Case: Manager gets alert on low stock

-The warehouse computer checks stock data at a regular basis

-When an item is low on stock warehouse computer sends data to system

-The system sends manager an alert on low stock

-The manager receives an alert

Use Case: Deliver orders

-The warehouse computer gets order from customer

-The warehouse computer activates robots to prepare order

-The robots navigate through the warehouse to prepare order

-The robots put the prepared order in delivery queue

-The truck waiting for a prepared order, receives the order

-The truck delivers the order to customer