Application Requirements (Fall 2020)

You are required to develop 5 web-based applications for Newark Fulfillment Centers as shown in the figure below:

The applications should minimally cover:

- Warehouse Management
    - Insert new customers
    - View customer information
    - Create customer inventory pricing
    - View customer inventory
    - View orders / shipments of the day for customers
    - Create customer inventory invoices
    - Send customer inventory invoices

- Warehouse Customer Inventory Management
    - Check available inventory
    - Check available shelving for inventory
    - Assign / Remove inventory to a shelf
    - Assign / Remove employee to customer inventory
    - Assign inventory for customer order
    - View customer orders

- Customer Inventory Management
    - Check available inventory
    - Mark order to be fulfilled by warehouse
    - View order history
    - View account balance
    - View warehouse inventory invoices
    - Pay warehouse inventory invoices

- Customer Portal Management (for each customer, think subdomains)
    - Enable store
    - Insert inventory
    - Search inventory
    - View end user customers
    - View end user customer order history

- End User Website
  - Create end user account
  - View inventory from all stores
  - Create order
  - Submit order
  - Check order status