

# GROUP ID 2

## MEMBERS:

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<Oh my Warehouse - OMW> - The  
new logistic solution for small businesses.

## Description:

Vietnamese store owners in rural areas are struggling to manage their supply chains. The use of the traditional logistic method leads to the suffering of the petite bourgeoisie such as unnecessary costs of transport and maintenance. Good quantity management, location arrangement, and good preservation of goods in the warehouse will help the sales process be continuous and uninterrupted. So we come up with an idea that will help reduce management, transportation, and loss of goods. The software can keep records of orders, transportation, inventory,...

## Target users and environments:

- + Target user: Management application for small and medium stores, especially for import and export. Currently, small shops in the province manage their goods manually.
- + Environments:
  - Front-end: ReactJS, AntDesign, TailwindCSS
  - Back-end: ExpressJS, Knex
  - Database: PostgreSQL
  - Cloud: Digital Ocean (or Google Cloud Platform)
  - Docker
  - Git & GitHub

## Features:

- + Authentication/authorization.
- + Print monthly report to PDF: budget, maintenance cost, profit, list of orders,...
- + Notifications (Alert when a certain item runs out).
- + View/update stocks for products .

- + Inspect order (include date, supplier, list of items and their quantities, id of assigned worker, history of order).
- + Forecasting (Make predictions how much needs to be restocked in the future).
- + Statistics (number of imported/exported orders, stocks of products,...)

## Admin: (Quản lý kho)

- + Register accounts for workers

### ● Owner: (Nhân viên kho)

- + Inventory dashboard (item description, overview of warehouse current capacity)
- + Workers management (view assigned orders of each worker)
- + Warehouse tracking of package (track which warehouse the orders are)
- + Assign/edit/remove workers of orders
- + Edit order status (delivering, delivered, canceled)
- + View/edit stock (ensures that damage, loss or other issues are identified as quickly as possible and remedial actions)

### ● Worker:

- + Edit order status (delivering, delivered, canceled)
- + Report of damages
- + Pick/un-pick orders to do (cannot un-pick the assigned order)