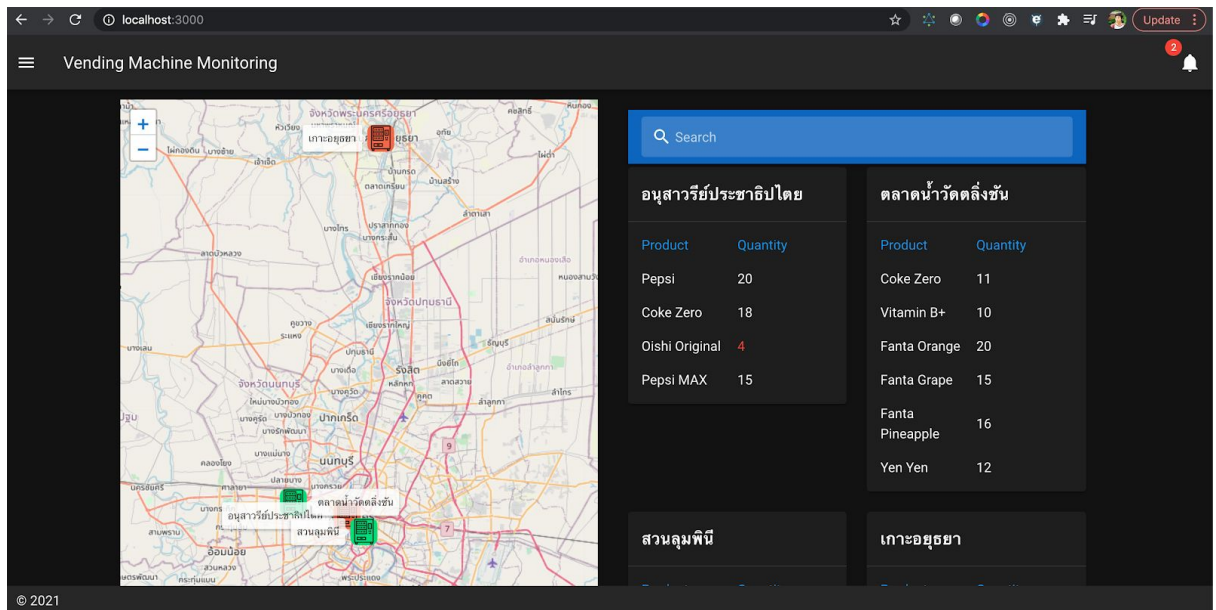


Vending Machine Monitoring

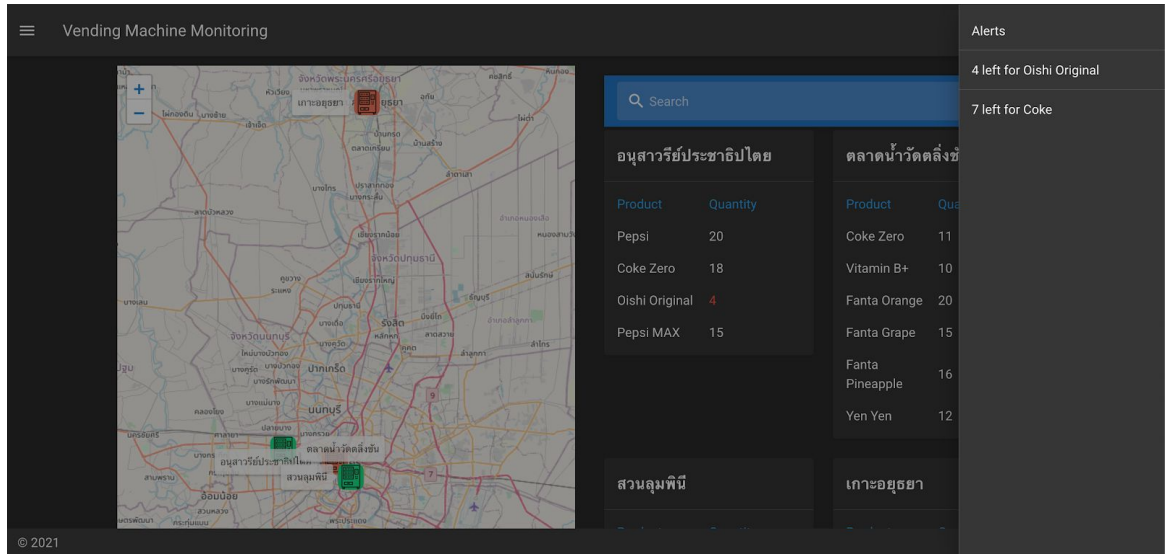
Setup guides

1. Pull backend repository from <https://github.com/kizzetipong/vending-machine-backend.git>
2. Build / run backend in local machine at <http://localhost:3002>
3. Pull /Setup frontend repository from <https://github.com/kizzetipong/vending-machine-frontend.git>
4. Build / run frontend on local machine at <http://localhost:3000>
5. Open <http://localhost:3000> on browser, you will see this screen



Application Process

1. Regarding to **Architecture Diagram.pdf**, when customers buy products from vending machine, **transactions** api will be called to decrease quantity with action='BUY' and also send appropriated data such as machine_id, product_id
2. If BUY action make product quantity is less than 10, it will also publish data via **socket.io** to notify system admin on website with notification icon
3. System admin can see notification icon on top-right of website which can click icon to see more details



4. System admin can see all vending machine locations from Map, Red icon indicated that some of product quantity in that vending machine is less than 10
5. System admin can see detail in vending machines from Table on the right side