

ORM Web Service

Topic :Point of Sale

Lecturer Name's :Lepengleang Seang

Group 2:

- Nov Socheatra
- Khun Soben
- Rith Sopheak
- Chamern Channa
- Ly Seyma
- Seng Darith



I. What and Why is the Point of Sale?

We got the problem from the Seafood shop about their sale. Corrently they are still using the paper to record their purchase from customers. Sometimes it's really hard to control, report and calculate all their purchases, because they miss some purchase paper or something else.

Now we have so many new technologies that have appeared in our century, why do we still use paper to record and store data. Our developers team came up with the idea of creating a POS system to make it safer and easier for people to track their purchases.

This platform we will build with two concepts for support to sellers: it focuses on web dashboard and mobile apps. First, we are going to start with a web dashboard and API to get data and push to mobile apps.

Operating a retail store calls for a range of administrative, management and marketing skills. From ensuring that there's enough inventory to putting together monthly sales reports, these skills are necessary in ensuring that your store runs smoothly.

Having an efficient point of sale (POS) system can go a long way in making sure that all your operations are running smoothly.

II. Why did we choose this topic Point of Sale?

Basic point of sale systems and cash registers don't do much else beyond ringing up sales. A comprehensive solution, on the other hand, has the capabilities that can grow your business even more. Consider the following:

Inventory management: A POS system with built-in stock control features is a very powerful thing. Point of sale solutions that come with inventory capabilities can sync your stock levels as you make sales. This makes it easier for you to track product movements, so you can make smarter decisions around purchasing and sales.

Reporting: That's why it's important to choose a POS system that can generate the reports you need.

III. What is our goal Point of Sale to make this happen?

POS for a solution that can run the following reports:

- Inventory on hand
- Product performance
- Low stock
- Sale summaries
- Sales per customer

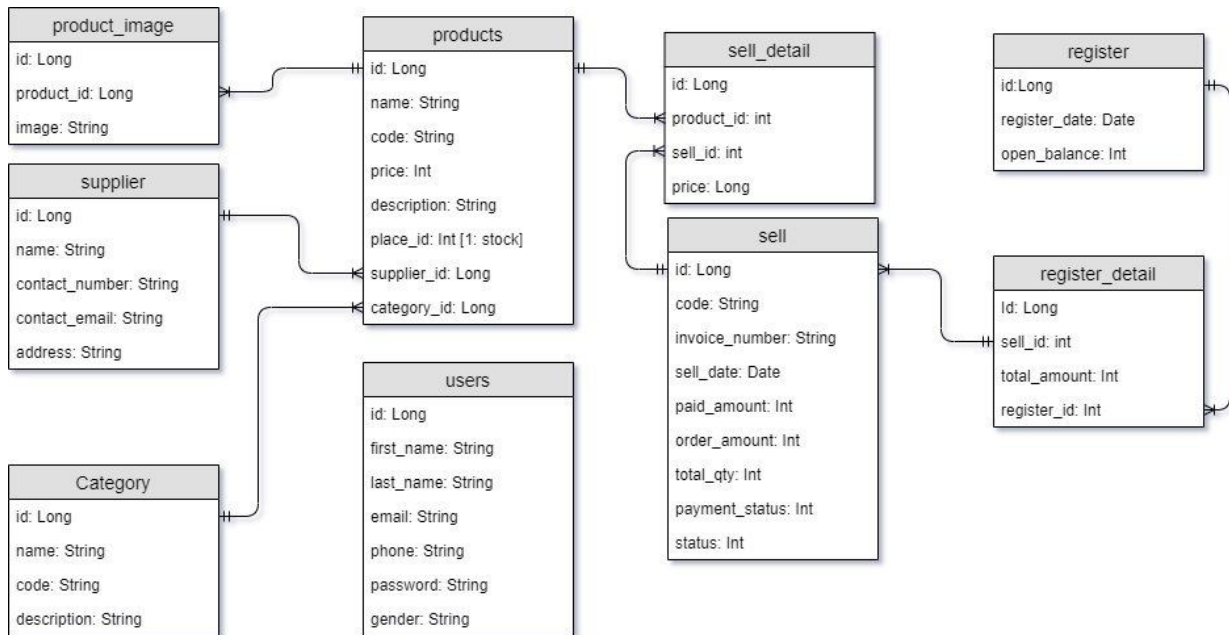
IV. How does my team build this platform?

Basically, we built this almost from scratch since we are all still new to web material.

First, we start with the front-end which is Laravel. For our Back-end, We got our support from many resources such as Backpack and also our instructor. And we use Laravel and Mysql as the back-end.

V. Our site map:

a. Database structure:



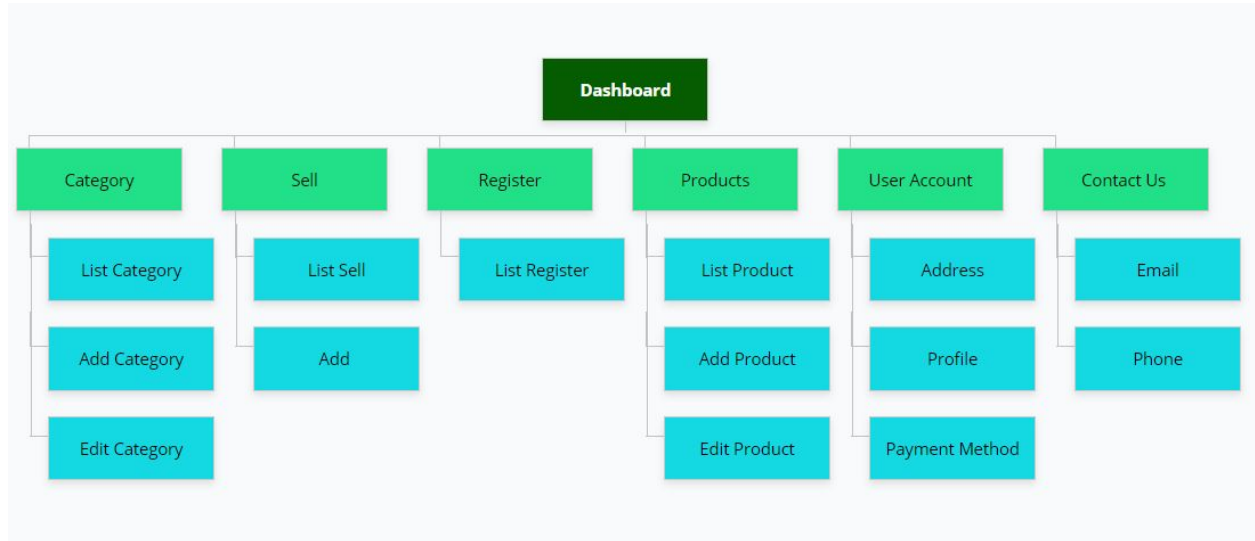
b. Project feature

- App is easy to use because it doesn't have complex features.
- We have listed all of the archive data.
- User is able to restore of their data when they archive it
- Dashboard users are able to view their monthly and daily expenses.
- Users must login in order to use the app, so it is secure for their data.

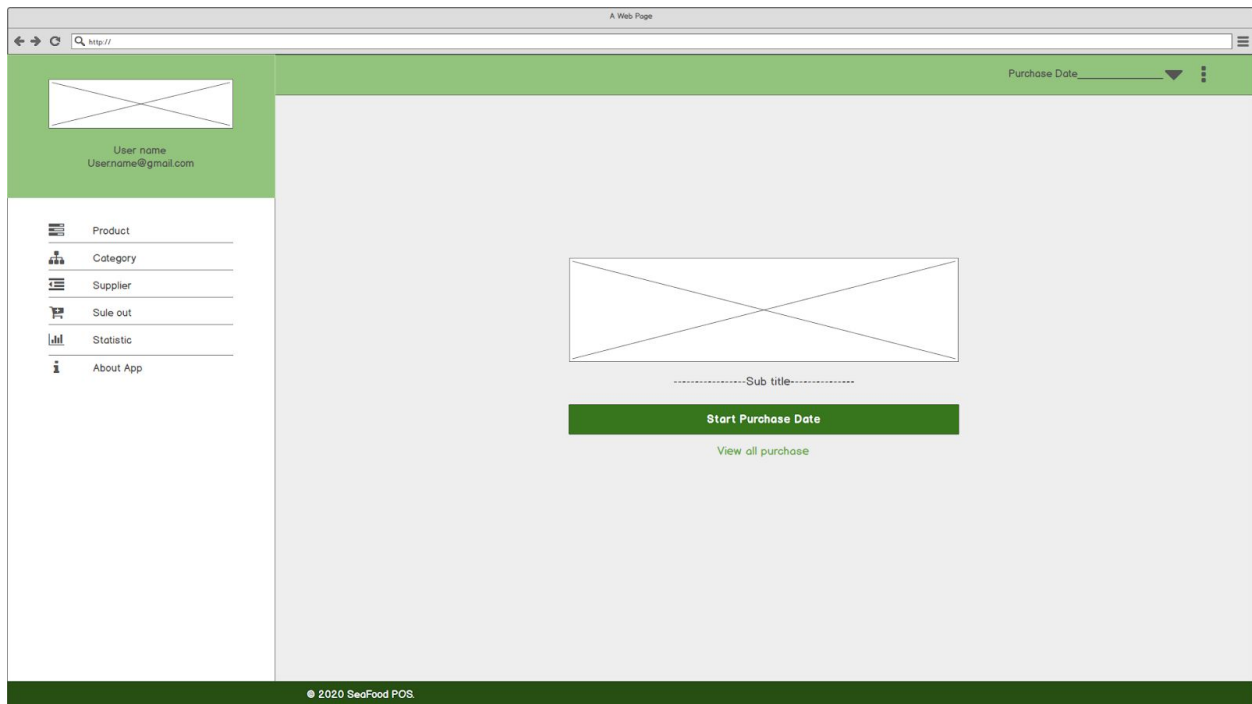
c. Development tool

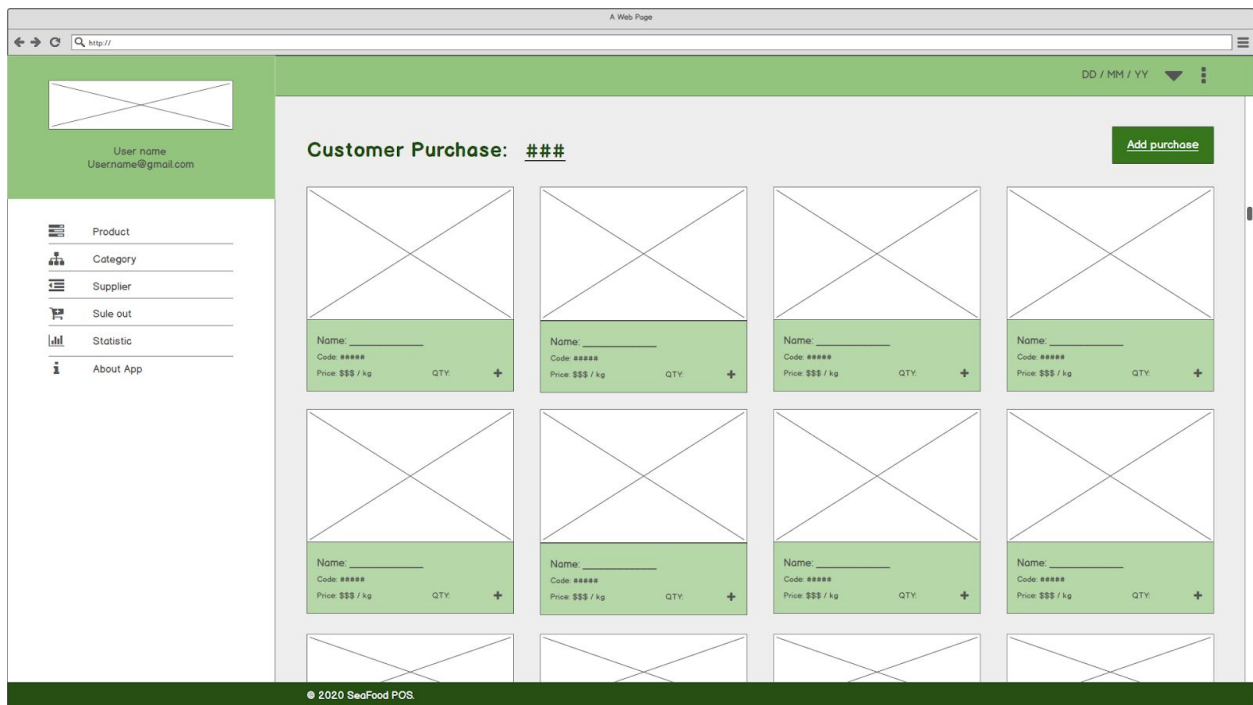
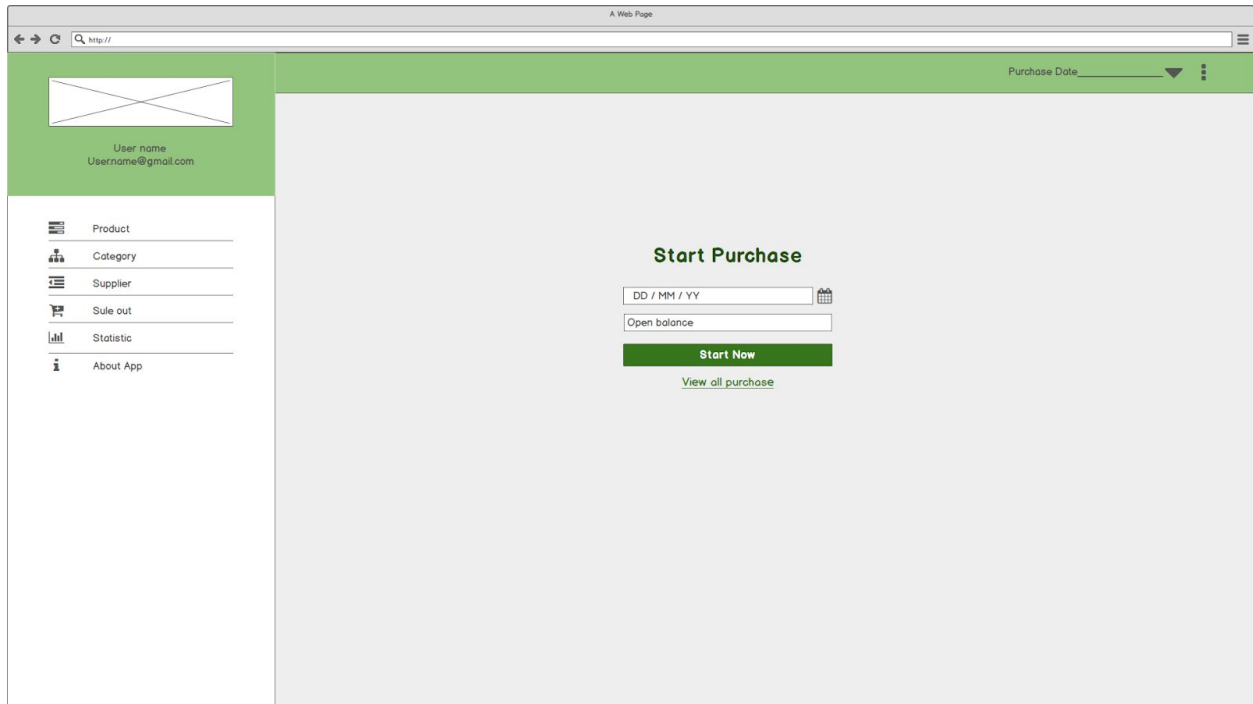
- API: Laravel/ passport of laravel/ Taken
- DB: MySQL / Draw IO diagram
- Dashboard: Admin LTD template office
- Management tool:
 - ☐ Jira agile board: team management
 - ☐ Github: combine code

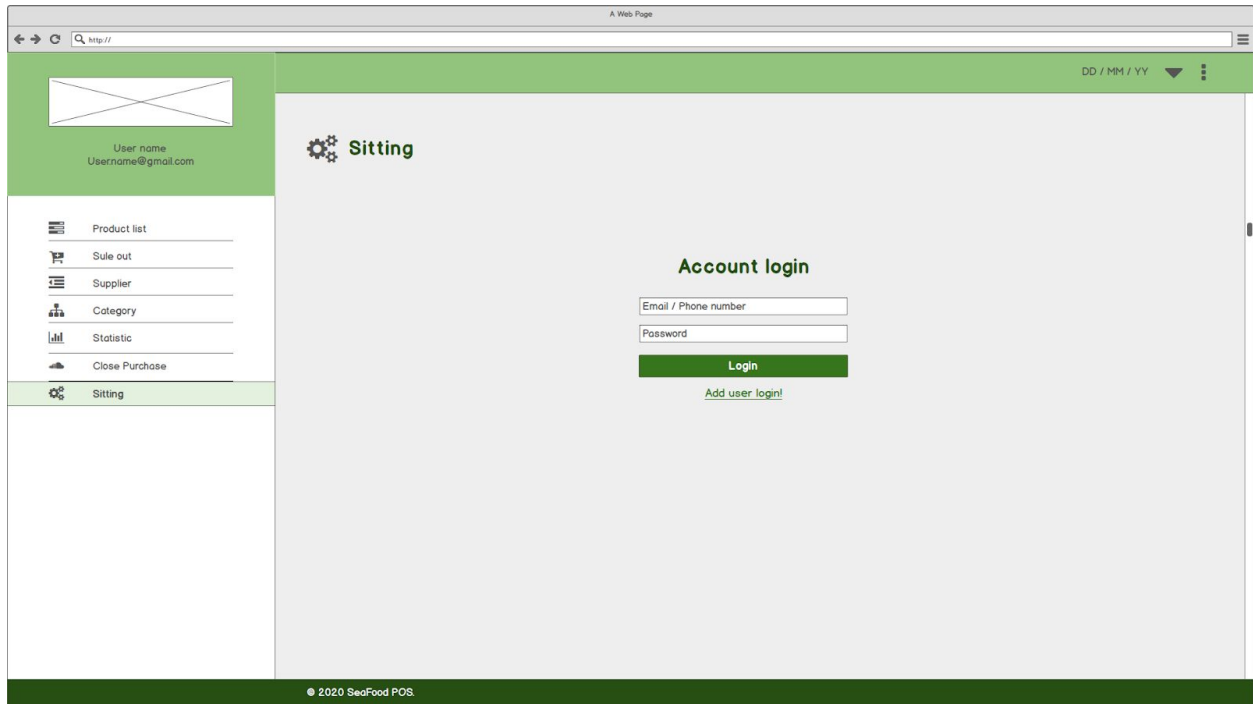
d. Site maps



e. Muck up template







VI. Reference:

- a. Sitemap: <https://www.gloomaps.com/MVqkKYikW2>
- b. Website simple:
 - i. <https://www.foodpanda.com.kh/en/restaurant/u7cv/good-i-tea>
- c. laravel: <https://laravel.com/>
- d. jquery: <https://jquery.com/>
- e. chart: <https://www.chartjs.org/>
- f. Github project: <https://github.com/Novsochetra/Income-Tracker-Laravel/commits/master>