Online Food Ordering System

1. Introduction

An online food ordering system. Every restaurant, diner etc. can use this system. It's build to manage products and orders being placed. Customers can use it to find restaurants, diners etc. to order food. The company will have a nice overview of all the orders that are placed and they can view and edit all the products they offer. The customers of these businesses can view which companies are in their area to order food and they can place companies as their favorites.

Expected List of Features
As a restaurant I should be able to…

- create an account, so that I can login.
- recover my account if I forget my password.
- add and edit my accounts information.
- insert products in my product catalog.
- view, edit and delete my products.
- place a product out of stock.
- view all of my orders.
- report a customer, so their account can be viewed and blocked if needed.
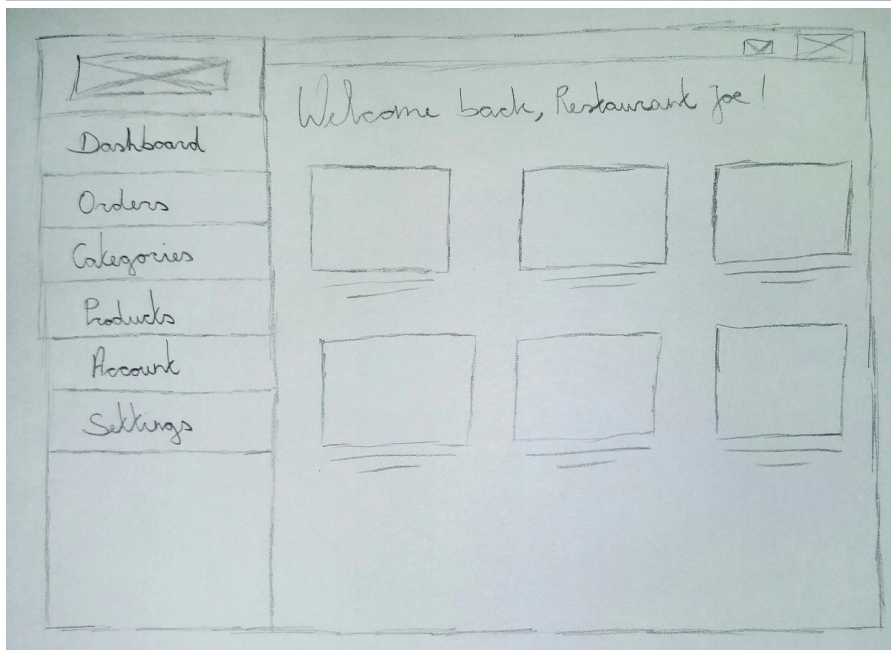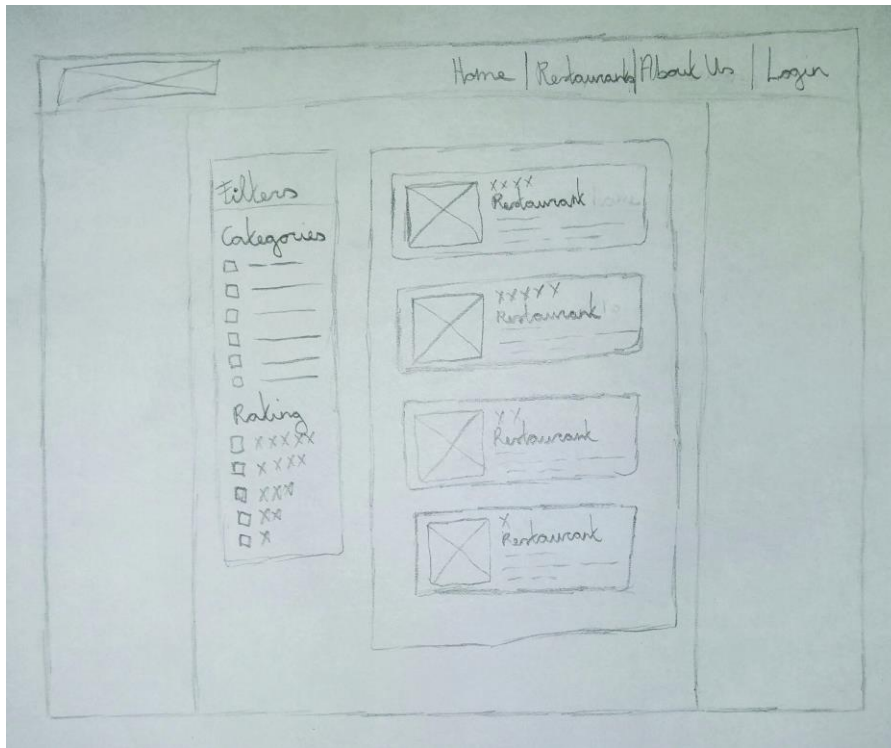
As a customer I should be able to…

- create an account, so that I can login.
- recover my account if I forget my password.
- browse products (dishes etc).
- browse restaurants.
- search for specific products or restaurants.
- view the details of a product.
- view the profile of a restaurant.
- place restaurants as my favorite.
- place products as my favorite.
- place products in my shopping cart.
- view my shopping cart and checkout.
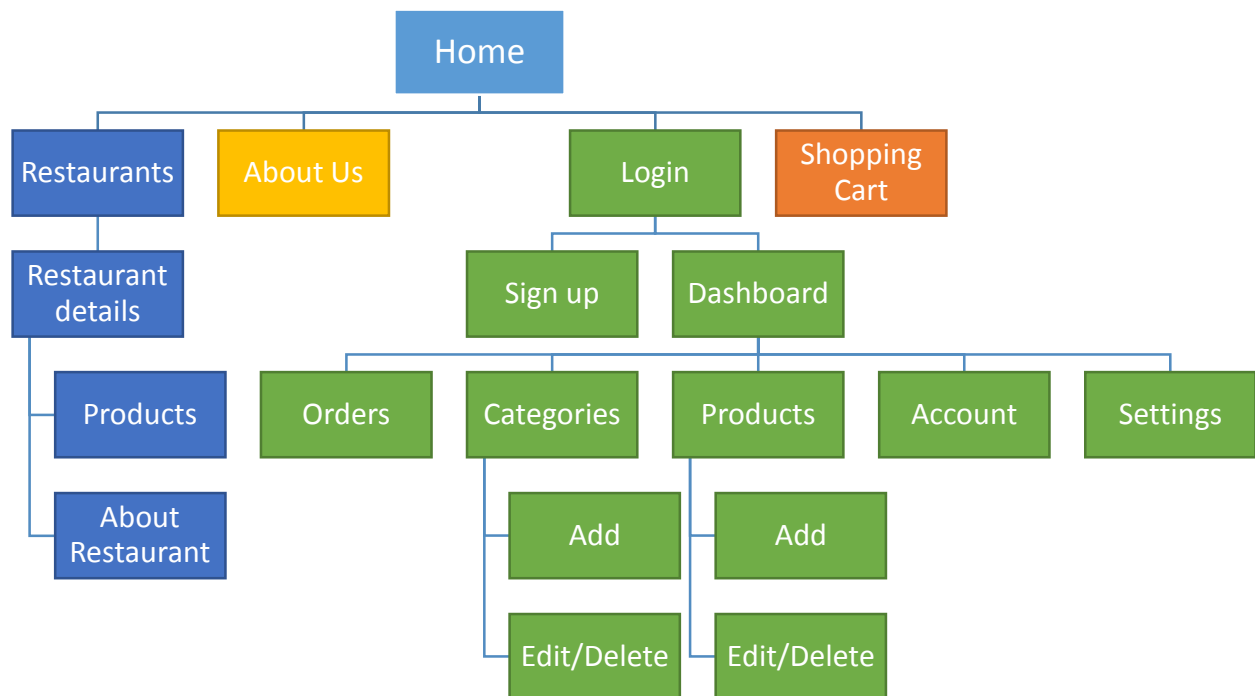- share products and restaurants to social media.

As an admin I should be able to…

- login.
- view, block and delete every restaurant and customer.
- add a restaurant to the list of featured restaurants

2. User Interface Design and Prototype

3. Navigation Structure

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                              ┌──────────┐
                              │   Home   │
                              └────┬─────┘
        ┌──────────────┬──────────┼────────────────┐
  ┌─────────────┐ ┌──────────┐ ┌───────┐   ┌──────────────┐
  │ Restaurants │ │ About Us │ │ Login │   │   Shopping   │
  └──────┬──────┘ └──────────┘ └───┬───┘   │     Cart     │
         │                ┌────────┴───────┐ └────────────┘
  ┌─────────────┐    ┌─────────┐   ┌────────────┐
  │ Restaurant  │    │ Sign up │   │ Dashboard  │
  │   details   │    └─────────┘   └─────┬──────┘
  └──────┬──────┘    ┌───────┬──────┬────┴────┬──────────┬──────────┐
     ┌──────────┐ ┌────────┐ ┌──────────┐ ┌──────────┐ ┌─────────┐ ┌──────────┐
     │ Products │ │ Orders │ │Categories│ │ Products │ │ Account │ │ Settings │
     └──────────┘ └────────┘ └─────┬────┘ └─────┬────┘ └─────────┘ └──────────┘
  ┌──────────────┐          ┌─────────┐   ┌─────────┐
  │    About     │          │   Add   │   │   Add   │
  │  Restaurant  │          └─────────┘   └─────────┘
  └──────────────┘          ┌───────────┐ ┌───────────┐
                            │ Edit/Delete│ │ Edit/Delete│
                            └───────────┘ └───────────┘
```

4. References

Materials:

http://ionicframework.com/docs/

https://cordova.apache.org/docs/en/5.0.0/

https://docs.angularjs.org/api

http://mongoosejs.com/docs/api.html