

# **iOS APP FINAL PROJECT PROPOSAL**

**Topic: Online Stationery Store**

**Group members:**

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## Section 1: What am I doing?

- App Name: Online Stationery Store
- Motivation:

In order to prevent infection during COVID-19, we should reduce social contact to protect ourselves and others. The most effective method is to keep a social distance. Therefore, we want to build an online stationery store. Customers can use this app to easily buy stationery without going out in crowds.
- The app will have the following features:
  - Register and Login form connected with Firebase
  - Shopping cart listing out items currently contains and provide payment methods
  - Purchase history with categories indicating purchase status

## Section2: 相近App介紹



### ◦ What features it offers

Momo is an online e-Commerce platform that offers millions of items for sale. There are many item categories such as beauty, clothes, food, home appliances, etc. Customers can search for items and view item descriptions. Customers can create an account to become a member. Then they can use the shopping cart function to buy, manage their order and edit their profile.

### ◦ What do you like about it

UI design is simple, using a mount of icons and pictures in the home view to describe the promotion, current event, category, etc. The drawer introduces the item category. The tab bar introduces user's profile, shopping cart, order history, etc. That design is very user-friendly.

Also, Momo offers a search bar for users to search for items. users can type directly into the text fields or search using photos, ISBN, and voice. In addition, hot search keywords are displayed below the search bar to let users know about popular products. This is a good feature.

#### ◦ Differences between your App and this App

- Users can use our app after login
- Our produce focus on stationery
- To simplify the purchase process, users can only choose "VISA" or "Master" in the payment method, without entering credit card information.
- To simplify the purchase process, users can only choose "in-store pickup" or "shipping" in the pick-up method, without entering a full address.

## Section3: Introduce your views

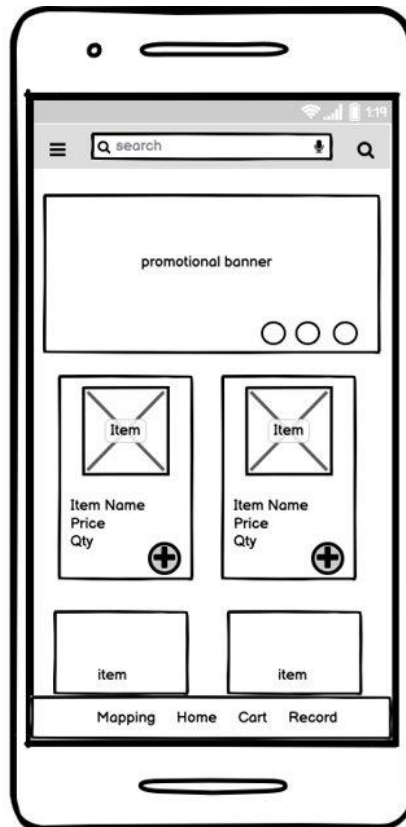


Sign in page

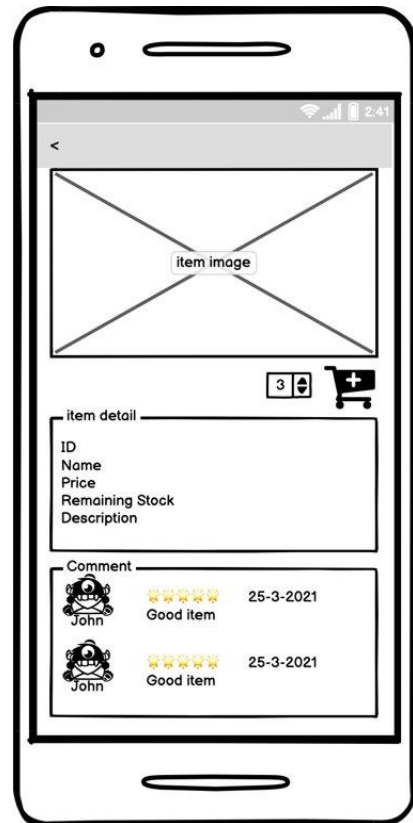


Registration page

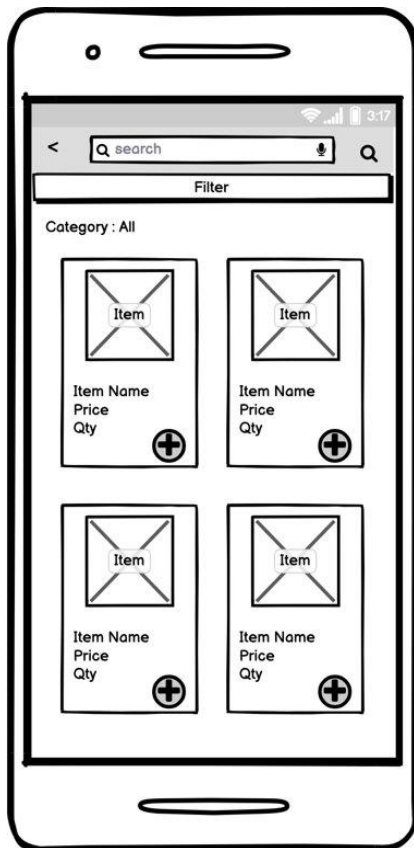
Drawer:  
My Profile  
All  
Category



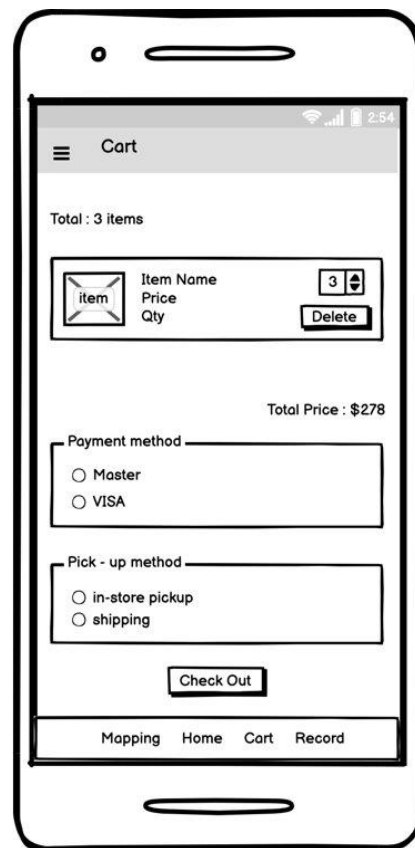
Home page



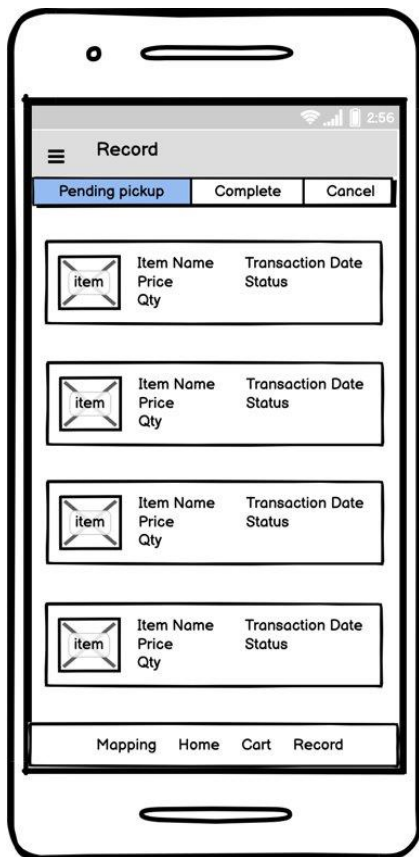
Item detail page



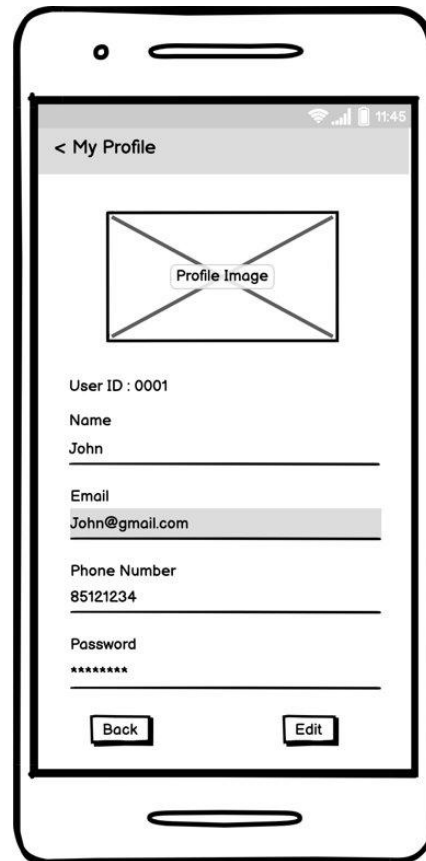
Search/Filter page



Shopping Cart page



Record page



Edit profile page

## Section 4:What parts of iOS will it use?

- Firebase
  - For authentication and shopping database
  - import Firebase
  - import FirebaseAuth
- TextField
  - For information input
- Button
  - For different functions
- List
  - For listing items and purchase records
- Counter
  - For editing amount
- Image
  - Display items and user image
- TabView and Navigation Controller
  - For different pages of functionality

[https://docs.google.com/presentation/d/1DI91QhYZJyWTgakVW0\\_PITmgJel7y6DOthPeIUc0mDU/edit?usp=sharing](https://docs.google.com/presentation/d/1DI91QhYZJyWTgakVW0_PITmgJel7y6DOthPeIUc0mDU/edit?usp=sharing)

