Homework 2

Enhance the ionic store app GamecockStore

ProductListPage (used for first tab)
OrderListPage (used for second tab)
ProductDetailPage (show when u click product item in product list page)
AddProductPage (show when u click add button on product list page)
OrderDetailPage (show when u click the orders on orderlist page)

Improve your GamecockStore app with the following functions
implement user signup/signin/logoff function and save product/order to cloud database and read it
back and show in the app.

a) Create a cloud firestore database for your app
b) Add a signup page, which allows a potential user to signup an account using email and password
c) Add a signin page, which allows a user sign in the app using email and password
    In the signin page, add a google login page, and when clicked, it should let a user signin the app
    using google social login.
d) Add a login button and a logout button on the toolbar on the homepage (tab1: the product list
    page). When clicked, it should switch to a signin page or log the user out of the app.

e) Modify the addProduct page so that it can save the product information to the cloud database. Only
    a logged store owner can add a new product to the store catalog.

    Product information includes:
        product name
        product Price
        product Category, select one from [toy, food, drink]
        product photo url
        product description
        userid (uid)

f) Modify the ProductListPage and the Itemservice so that it shows the products read from the cloud
    database
g) On the ProductDetailPage, implement the Place order function, which should allow the user to order
    a certain number of current product, and create an order, and save the order to the database. You
    need to store the following order information to the cloud database:
        total amount of the order,

the quantity of the product,
the product name,
the order date
userid(uid)
. And your order detail page should show this information for an order.   Your order list page should also show these info for each record
Only a logged in user can place an order.

h)   The orderList page should show the orders read from the database.
The orderList page should only show orders belonging to the currently logged in user.

i)   On the product detail page, add a delete button on the right top of the toolbar, and when clicked, it will ask if you want to delete a product, if user confirms yet, then it will delete current product and return to the product list page.   (Only storeowner can delete product)

j)   On the orderDetail page, add a delete button on the right top of the toolbar, and when clicked, it will ask if you want to delete an order, if user confirms yet, then it will delete current order and return to the order list page.   (Only order customer can delete his own order)

Optional bonus 5 points。   [Required for honor class students]

1)   Create a shopping cart page, which shows a list of items that a visitor has added into this shopping cart. Add a place-order button to this page, it will add the current list of products with the total amount of order, list of product info and quantity, order date and save all these information to the database orders collection.

2)   Add an edit product page, letting storeowner to modify an existing product info.

HOW TO SUBMIT:

Upload the all project files to http://dropbox.cse.sc.edu

For Q3, pls do not include the node_modules folder when zipping

You can refer to this app for reference in terms of page design.
https://www.sellmyapp.com/downloads/food-ninja-online-food-ordering-app/

Screen 1 — Menu Item

Menu Item

Name *
[enter name]

Description
[enter description]

Type *
○ veg   ○ non veg

Price *
[enter price]   USD $

Available *
○ yes   ○ no

SAVE

Screen 2 — city listing

city
175
Kabir Park Colony...

★★★☆☆ (0)
hoppers new
Pizza
delivers in 30 min

★★★★★ (0)
Alstonia
food items
delivers in 0 min

★★★★★ (0)
pizzeria
food items
delivers in 0 min

Screen 3 — Dal Makhani

Dal Makhani ●

Black lentil delicacy prepared with a rich tomato gravy

Basic Price $ 50

Quantity

[−]   1   [+]

Total $ 50

ADD TO CART