

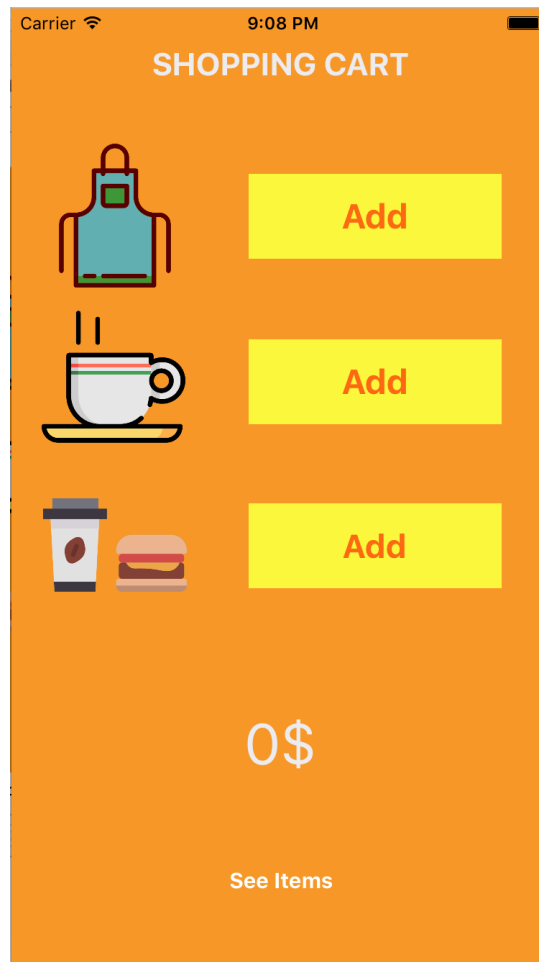
Module 4
MADP 402 (200 hours/10 weeks)

Assignment 1- MADP402- March 7, 2017

Problem:

For this assignment you are going to re-use the design for the ShoppingCart, Product, Drink, Food, Material and Cloth classes.

- a) Create a Single-View iOS project called ShoppingCartProject.
- b) The main page of your application should look like this:



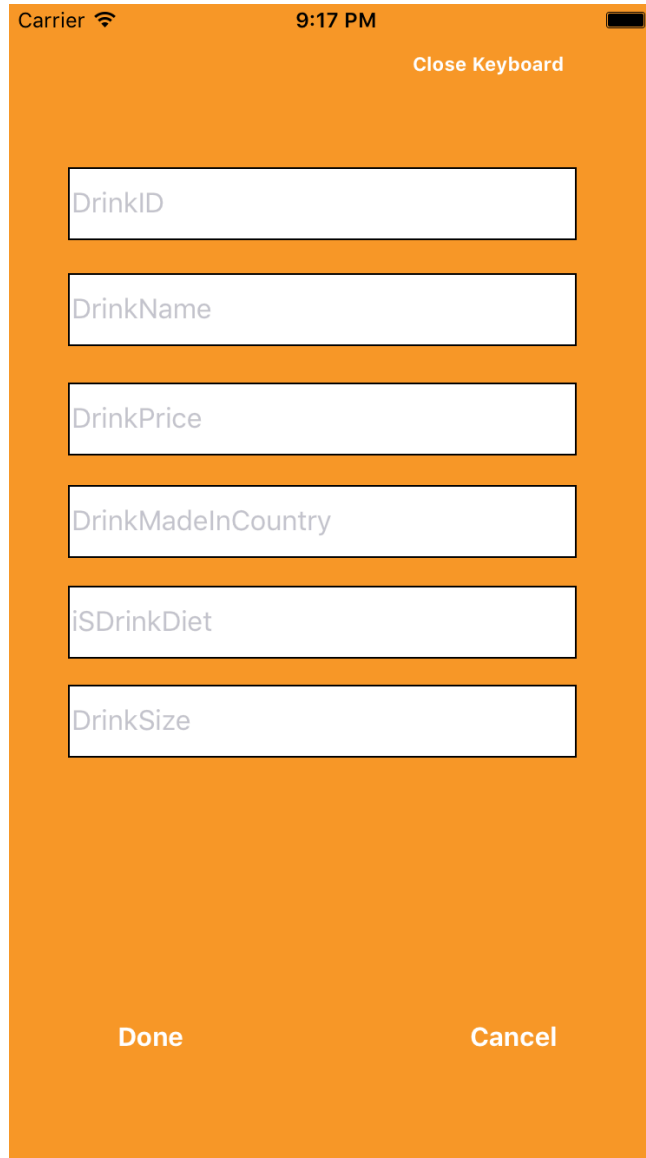


CORNERSTONE

International Community College of Canada

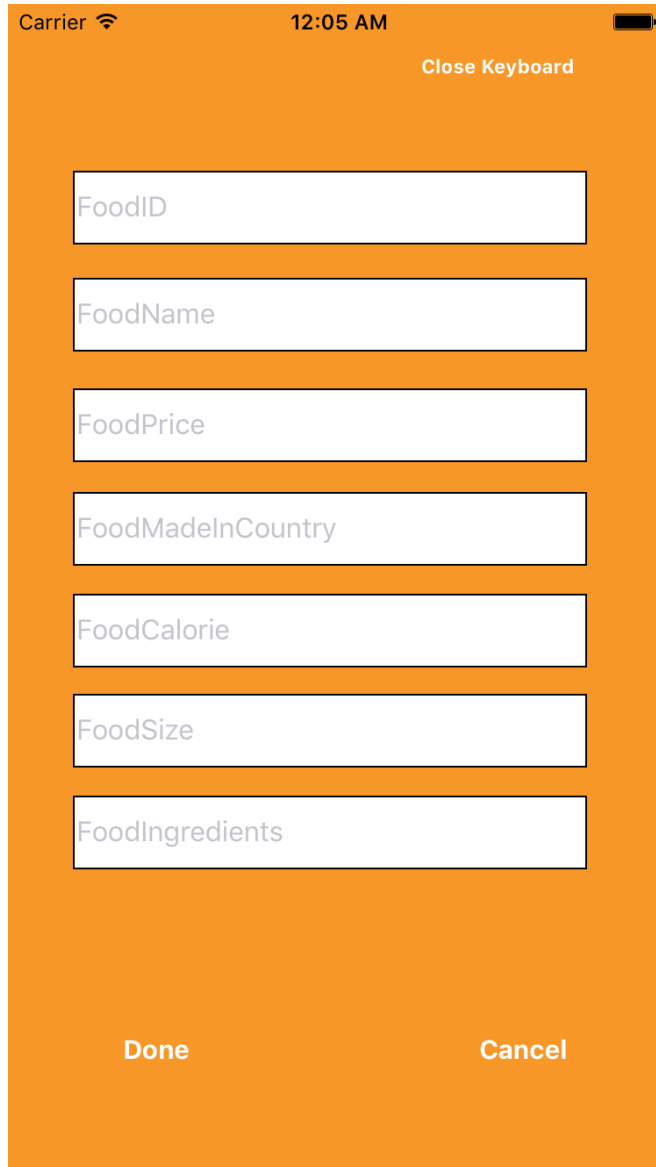
- c) If the user taps the Add button next to the Cloth image (the first image) it is going to open another page where the user can enter the information about the cloth. The page should look like this:

- d) On the above page once the user enters all information and taps the “Done” button, it should close the page and return to the main page and create an object from Cloth class and add it to the shopping cart and update the total price label.
- e) On the above page if the user taps on Cancel button, it only closes the page and does not create an object from Cloth class.
- f) Similarly if the user taps on Add button next to Drink image (second picture) it will open another page where the user can enter food information. The page should look like this:



A mobile app interface for adding a drink. The background is orange. At the top, there is a status bar with 'Carrier', a signal icon, '9:17 PM', and a battery icon. Below the status bar, there is a 'Close Keyboard' link. The form consists of six white input fields with orange borders, each containing a placeholder label: 'DrinkID', 'DrinkName', 'DrinkPrice', 'DrinkMadeInCountry', 'iSDrinkDiet', and 'DrinkSize'. At the bottom of the form, there are two buttons: 'Done' and 'Cancel'.

- g) On the above page once the user enters all information and taps the “Done” button, it should close the page and return to the main page and create an object from Drink class and add it to the shopping cart and update the total price label.
- h) Similarly if the user taps on Add button next to Food image (third picture) it will open another page where the user can enter food information. The page should look like this:



Carrier 12:05 AM Close Keyboard

FoodID

FoodName

FoodPrice

FoodMadeInCountry

FoodCalorie

FoodSize

FoodIngredients

Done Cancel

- i) On the home page whenever the user taps the “See Items” button, the app should open another page, which will look like the following picture and in the text view lists the name of all products in the ShoppingCart.

Items

Item1's name

Cancel