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MVC Document

Overview & UML:

Upon opening our app, users will see the PantryView, which contains a list of PantryCategory labels. A pantry category is the type of food that the user will want to buy later. Upon clicking a PantryCategory, the list of corresponding foods will expand below that label.

At the bottom of the screen at all times will be the tab view, which has two buttons. One is a shopping cart and the other is a barcode. The barcode is simply there for a user to add items to his pantry. Clicking shopping cart will generate a shopping list, which will have check boxes next to each item. Upon clicking a checkbox, the item goes away.

iOS Project Mike Sevilla Cameron Javier

Diagram Node Labels

AddToPantryViewController
Labels (item name, quantity)
Button (add to category)
Dropdown Menu (category selector)

NavigationViewController
Icons (back button)
Labels (back button)

ScannerViewController

Scanner View

ShoppingListViewController
List<List<Item>>
TableView
Labels (for ea. category and ea. item)
Icons (checkbox next to each item/category)

NavigationViewController
Icons (back button)
Labels (back button)

TabViewController
Icons (shopping cart, barcode)
Labels (shopping cart, barcode)

PantryViewController
List<PantryCategory>
TableView
Labels (each pantry category ie. fruit, veggies, etc.)

PantryCategoryViewController
List<Item>
TableView
Labels (each item in the list)
Icons (checkbox next to each item)

NavigationViewController
Icons (back button)
Labels (back button)