

Shopping List

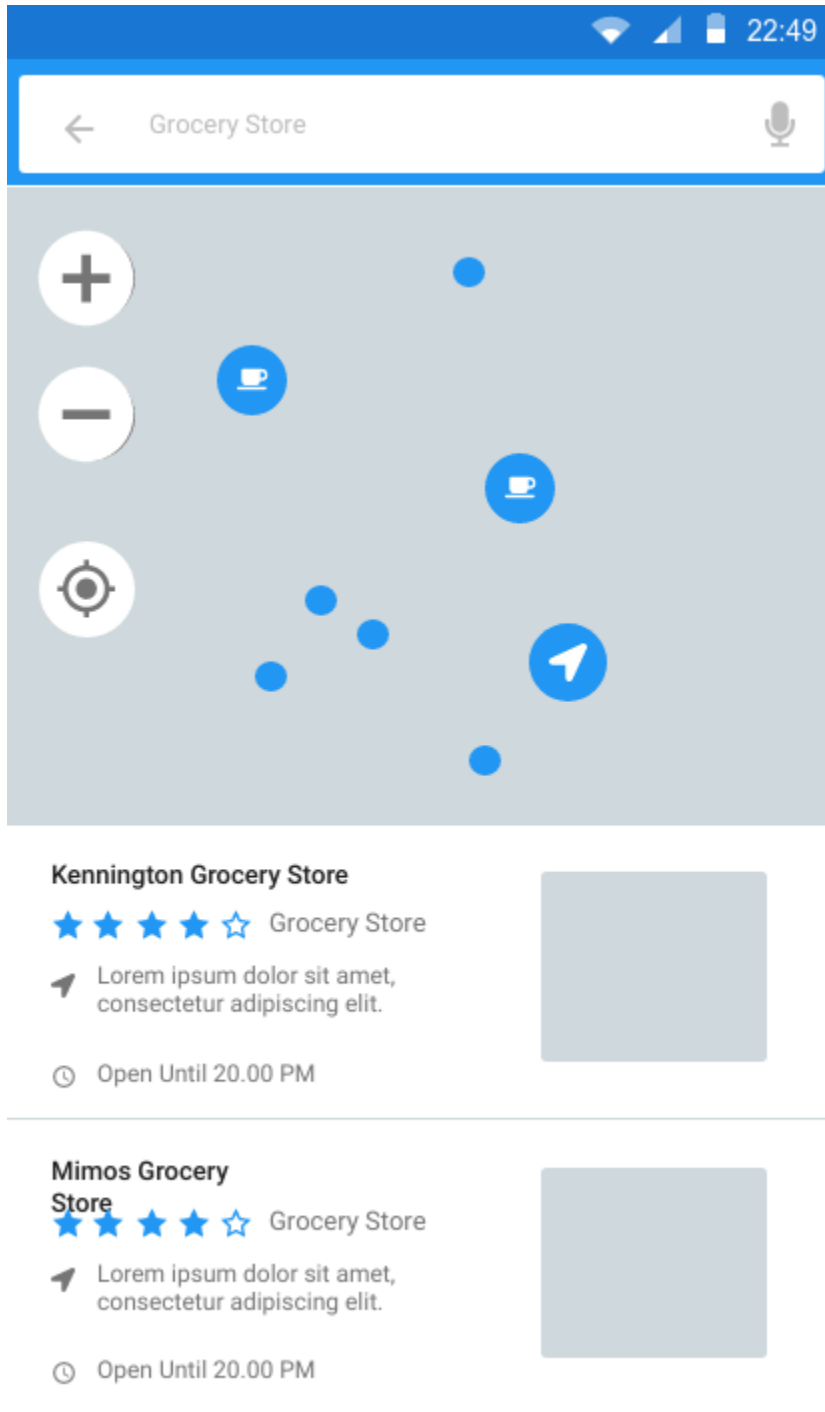


Find Store Near Me

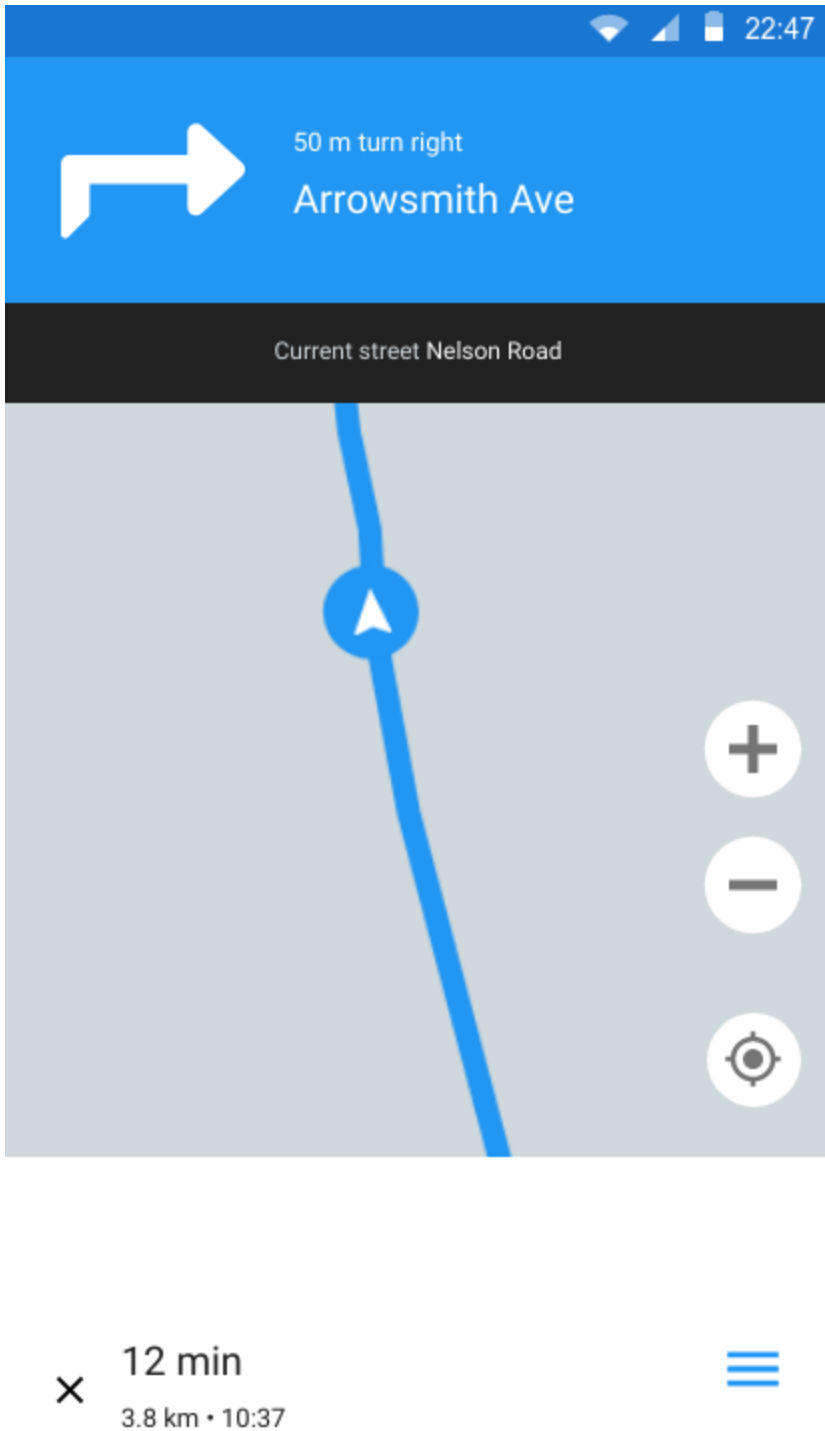
Load List

This is the main ViewController that is the welcome screen for the user.

There are two features: find nearest store or load the shopping list.



Once the user selects “Find Store Near Me”, it will segue to the MapViewController. Which the user’s location will be loaded, prior to allowing to share locations. The grocery stores pinned on the map will be displayed in the table view which as well as some details about the store.



Once the cell of the store is clicked on it will segue to the LocationViewController. Using the users current location and the location of the grocery store that was selected, a map showing the path to the grocery store will be shown as well as the directions.

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Shopping List

Add

Clear



Apple

Quantity: 1



Banana


Quantity: 2



Pear


Quantity: 3

If the user chose “Load List” a table view of the shopping list will be displayed. Where the user can add an item or clear the entire list using a segmented control which is all saved via core data. And each cell contains an image, quantity, and the item.


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Shopping List


AddClear



Apple
Quantity: 1



Banana
Quantity: 2



Pear
Quantity: 3

When the add button is clicked on, an UIAlertController will be displayed, allowing the user to input an item which contains the name, quantity, and image. The image will either be loaded via photo library, camera, or using a web api call.

Add Item

Item:

Placeholder

Quantity:

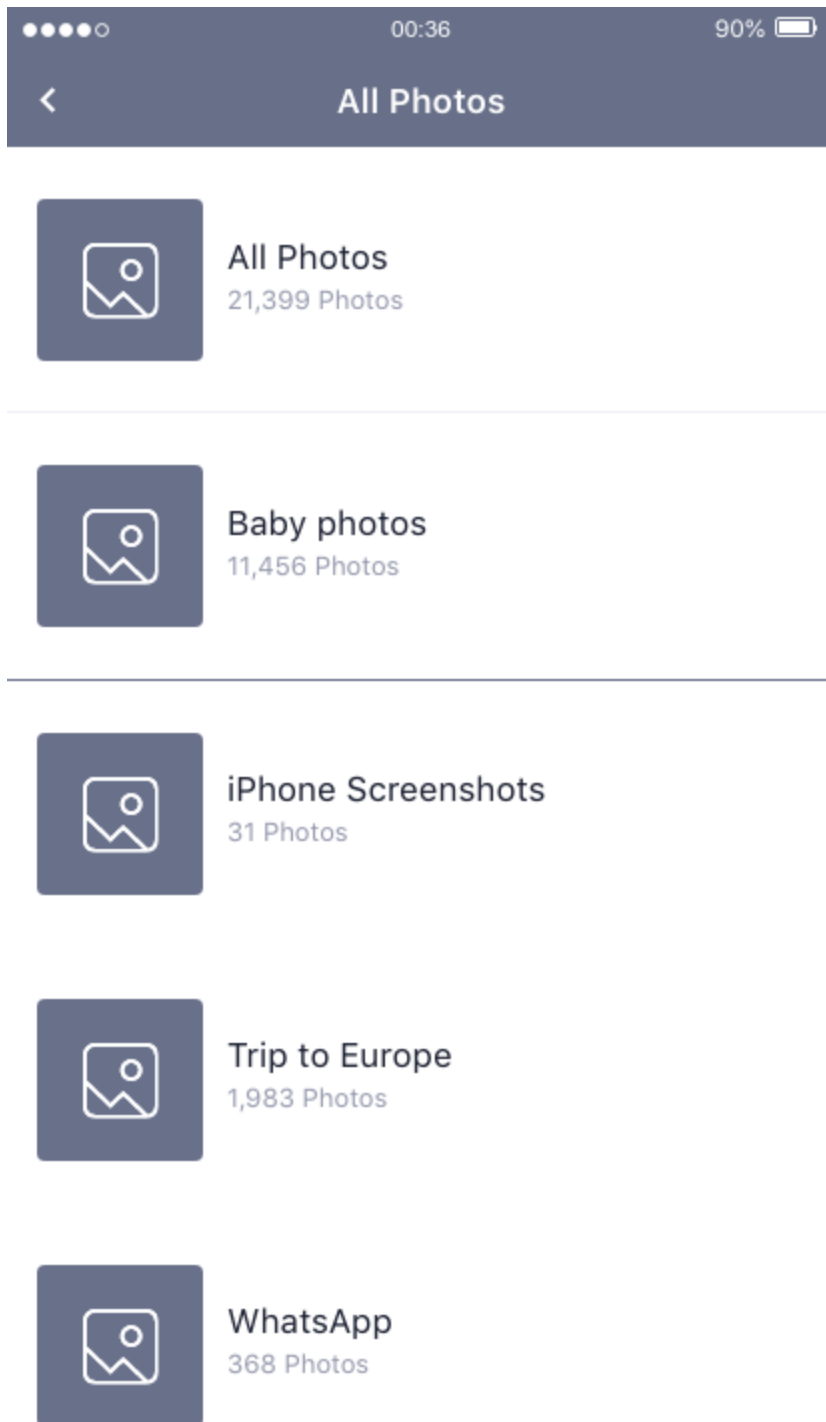
Placeholder

Photo Library

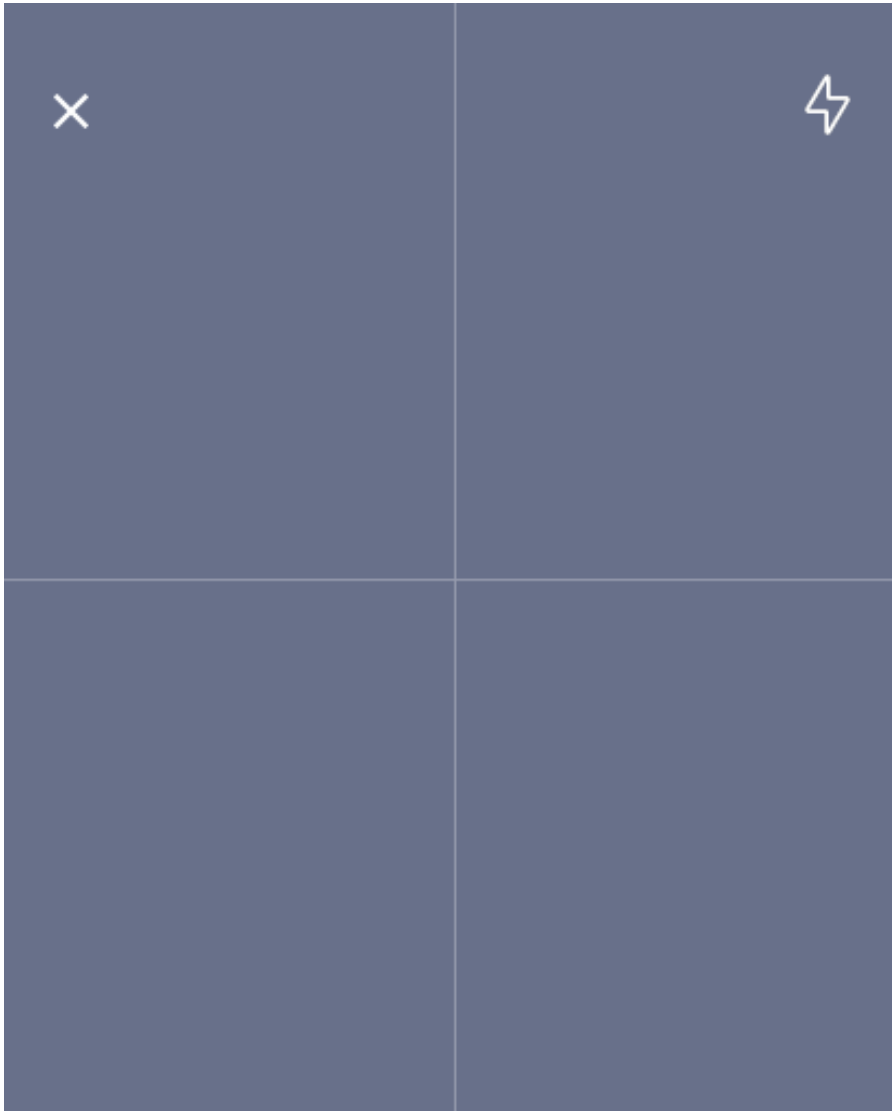
Camera

Web Search

Cancel



When the user selects “Photo Library”, the gallery of the users device will be loaded allowing the user to select which picture to add for that item.



When the user selects “Camera”, the camera from the users device will be loaded allowing the user to capture a photo to add for that item.

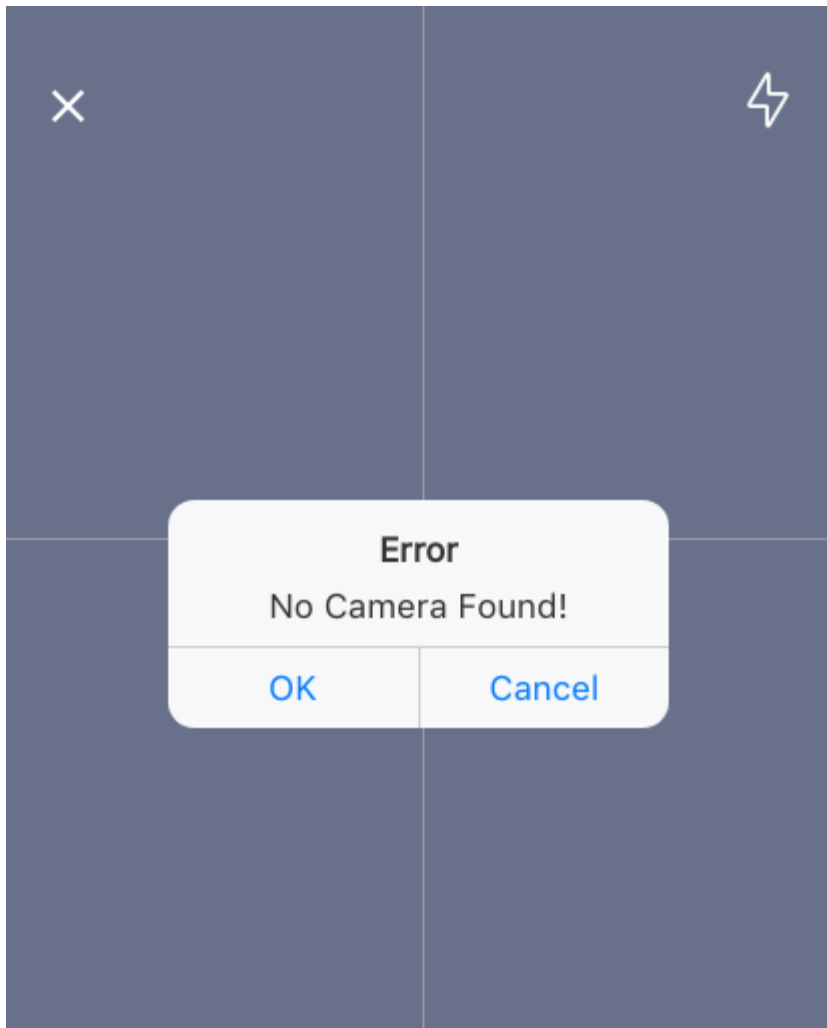


Gallery

Photo

Video





If there was no camera detected on the users device an alert displaying that there was no camera found will be shown.



Gallery

Photo

Video

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Shopping List

Add

Clear



Apple

Quantity: 1



Banana

Quantity: 2



Pear

Quantity: 3

Item Found!

OK

Cancel

When the user selects “Web Search”, the name of the item will be searched via the web to return a photo. If the name of item is found an alert displaying that the item was found will be shown.

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Shopping List

Add

Clear



Apple

Quantity: 1



Banana

Quantity: 2



Pear

Quantity: 3

If the item name could not be found via web api call then an alert displaying that the item could not be found will be shown.

Error

Item Could Not Be Found!

[OK](#)

[Cancel](#)

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Shopping List

Add

Clear



Apple

Quantity: 1



Banana

Quantity: 2



Pear

Quantity: 3



Bread

Quantity: 1

After adding the item, a new cell in the tableview will be added with the new item as well as being saved to core data.

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Shopping List

Add

Clear



Apple

Quantity: 1



Banana

Quantity: 2



Pear

Quantity: 3

Are you sure you want to
clear your list?

Yes

No

If the user clicks on “clear” under the segmented control an Alert verifying if the users action will be displayed.

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Shopping List

Add

Clear

If the user chose “yes” to clearing the list. All the entries under the table view will be deleted as well as from core data.

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Shopping List

Add

Clear



Apple

Quantity: 1



Banana

Quantity: 2



Pear

Quantity: 3

If the user chose “no” to clearing the list. The original table view will be displayed without clearing any items.