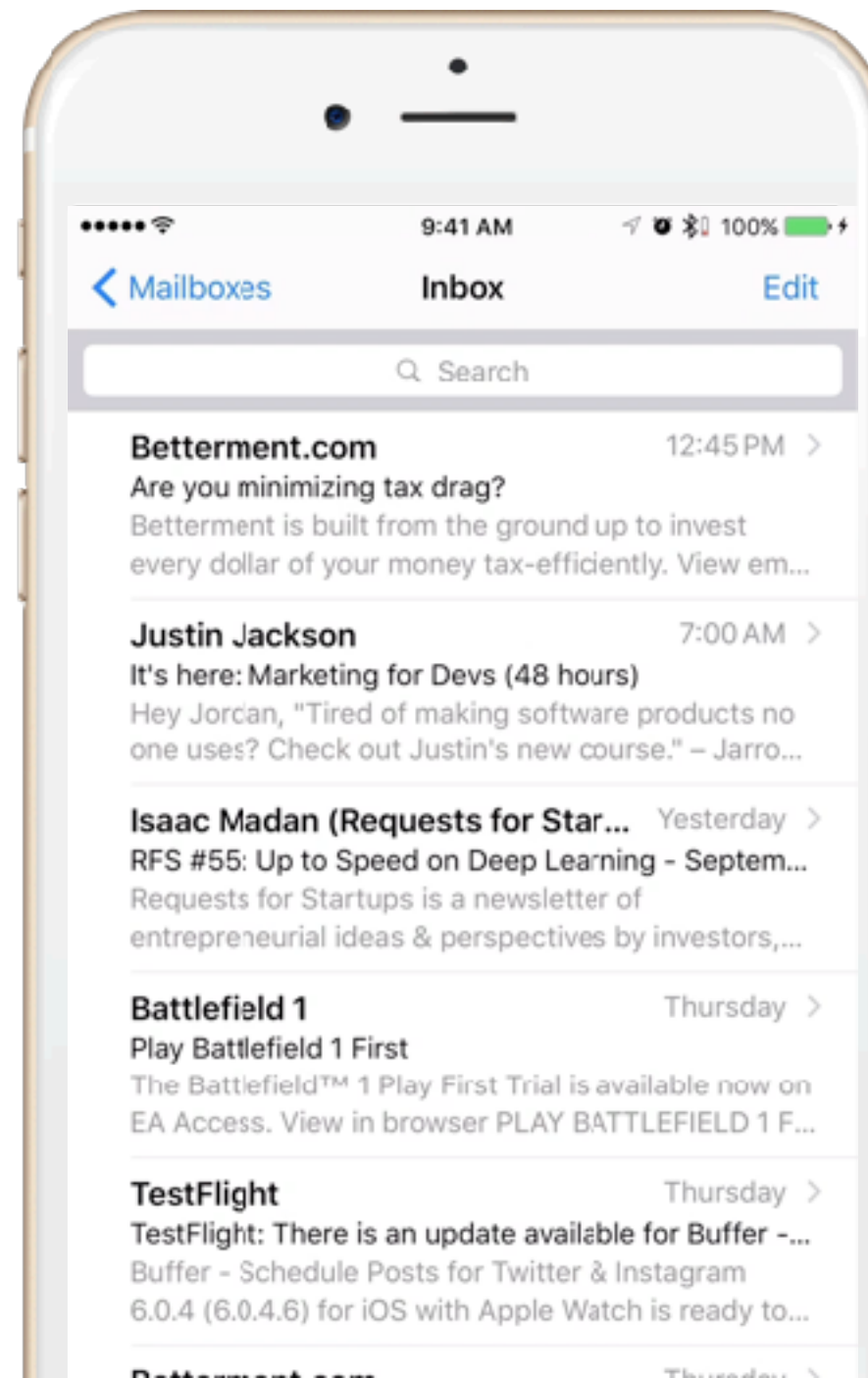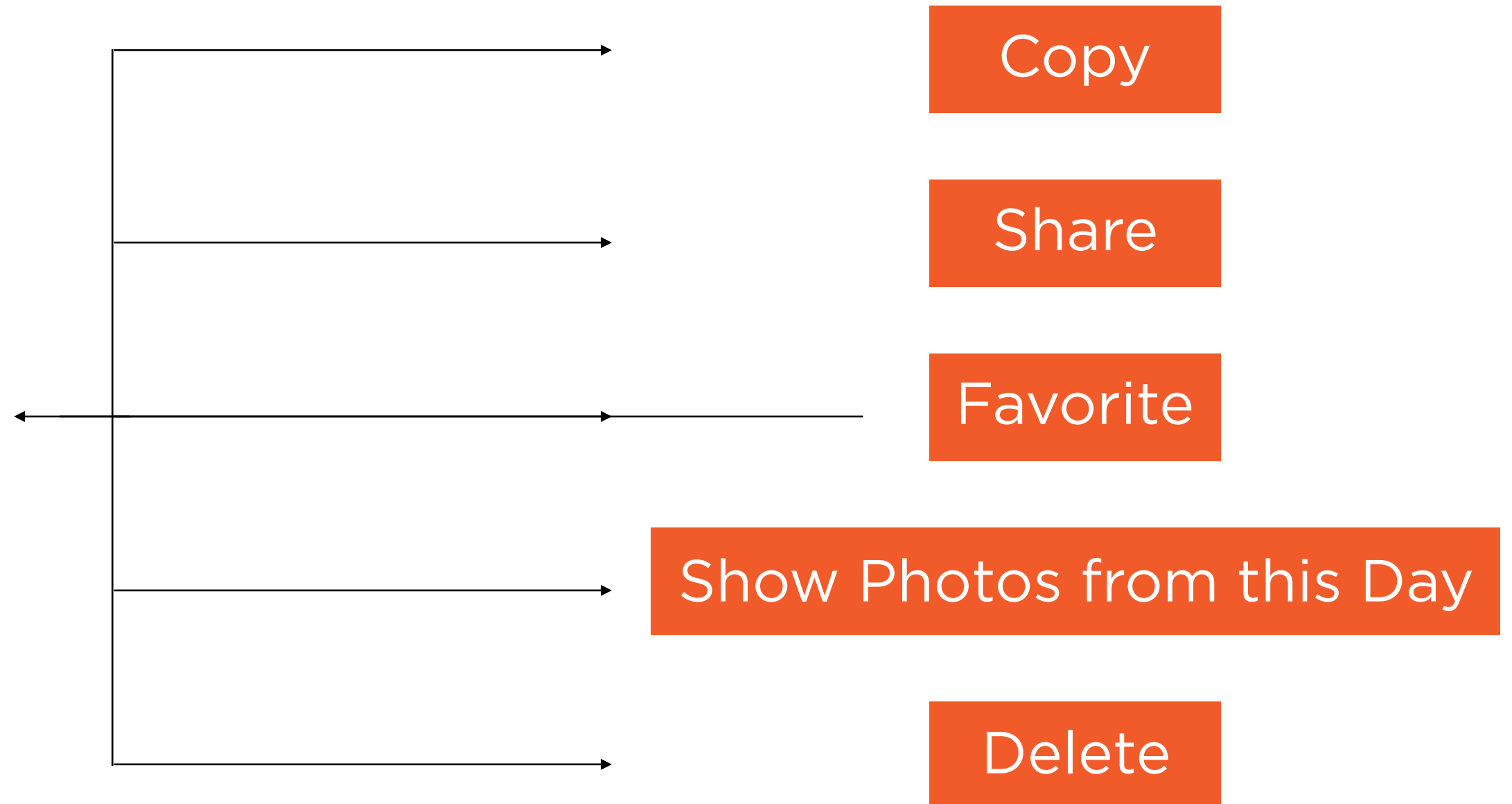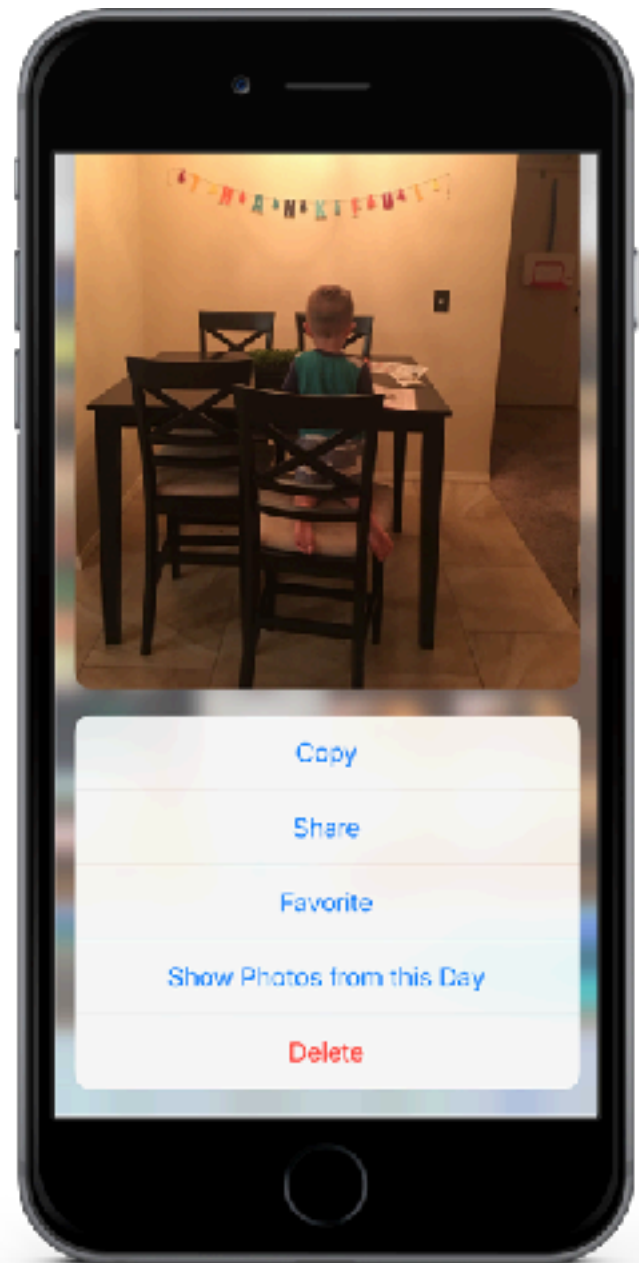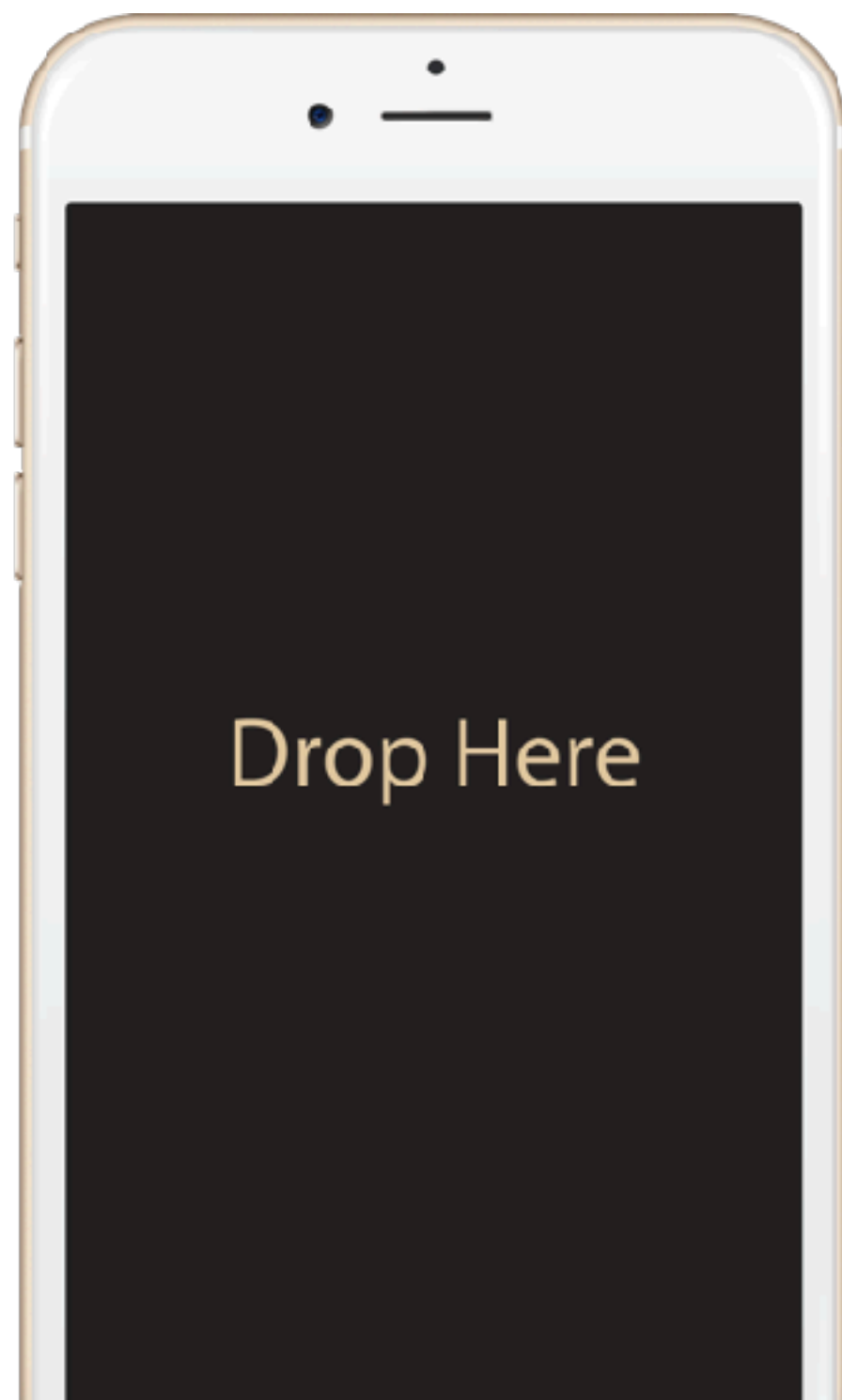# UIPreviewAction

UIPreviewActions Provide Internal Benefits

Preview Item Relationship

Preview Items in Action

Grouping Actions

Call

Contact

Email

```
fileprivate func contactViaCallDevActionItem() -> UIPreviewAction
{
    return UIPreviewAction(title: "Call \(developer.name)", style: .default,
    handler: { previewAction, viewController in
        self.contactDeveloper(via: .Call)
    })
}
```

UIPreviewAction

Set up via its initializer

```
open class UIPreviewAction : NSObject, NSCopying, UIPreviewActionItem
```

UIPreviewActionItem Delegate

For UIKit's Use Only

```swift
//Contact Group
let contactActionGroup = UIPreviewActionGroup(title: "Contact " +
developerFirstName(),
style: .default,
actions: [callActionItem(), emailActionItem(), messageActionItem()])
```

UIPreviewActionGroup

Houses Multiple UIPreviewItems

```
override var previewActionItems : [UIPreviewActionItem]
{
    return [//Array of Preview Items]
}
```

previewActionItems:[UIPreivewActionItem]
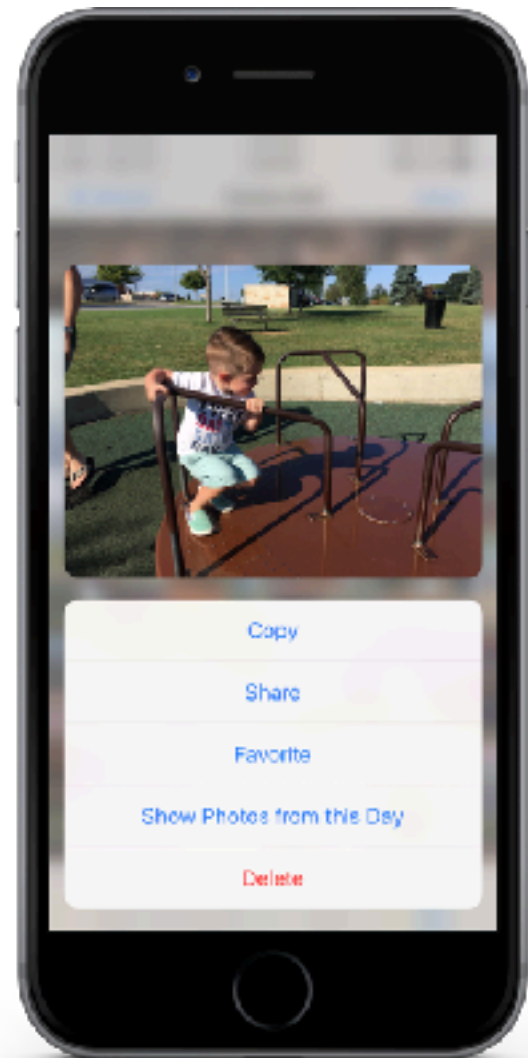
Housed in every UIViewController

Demo

- Create preview items for Rent A Dev

- Use a pattern for housing them

Demo

- Create an action group to house similar actions

- Override previewActionItems:

Best Practices

- Expose common functions for each controller

- Group similar actions together

- Realize UIPreviewActionItem is only for UIKit

Summary

UIPreviewItem Overview

- Similar to home screen quick actions

- Provide internal benefits

UIPreviewActionGroup Overview

Best Practices

- Use preview items for common tasks

- Group actions together

- Don't implement UIPreviewItemAction