

# Camera App Part 2: Adding a Share Sheet

## Add a Button to the Toolbar

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1. Drag a *Bar Button Item* to the far left of the toolbar
2. In the *Attributes Inspector*, find *System Item* and change it from *Custom* to *Action*

## Create Action for the Button

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1. Create an *IBAction* for the button and name it *actionButtonTouched*
2. Add code that checks if the *displayImageView*'s **image** property for **nil**

```
if let image = self.displayImageView.image {  
    //Add code here  
}
```

## Create a *UIActionViewController* and Display the Share Sheet

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1. Add code inside of the newly created *if* statement to create a *UIActivityViewController*

```
let activityViewController =  
UIActivityViewController(activityItems: [image],  
applicationActivities: nil)
```

2. Present the View Controller Modally (similar to the way we did it with the *UIImagePickerController*)

```
self.presentViewController(activityViewController, animated: true,  
completion:nil)
```

## Exclude Unwanted Share Items

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If you don't want all the defaults, you can exclude the ones you don't want. Let's exclude the ability to share with Mail

1. Look up how to exclude the activity type for Mail by looking at the documentation for *UIActivityViewController* (be sure to set the property before displaying it).

HINT: Google for *UIActivityViewController* and find the *excludedActivityTypes* property