

# Adding Multiple Collection Views to the View Controller

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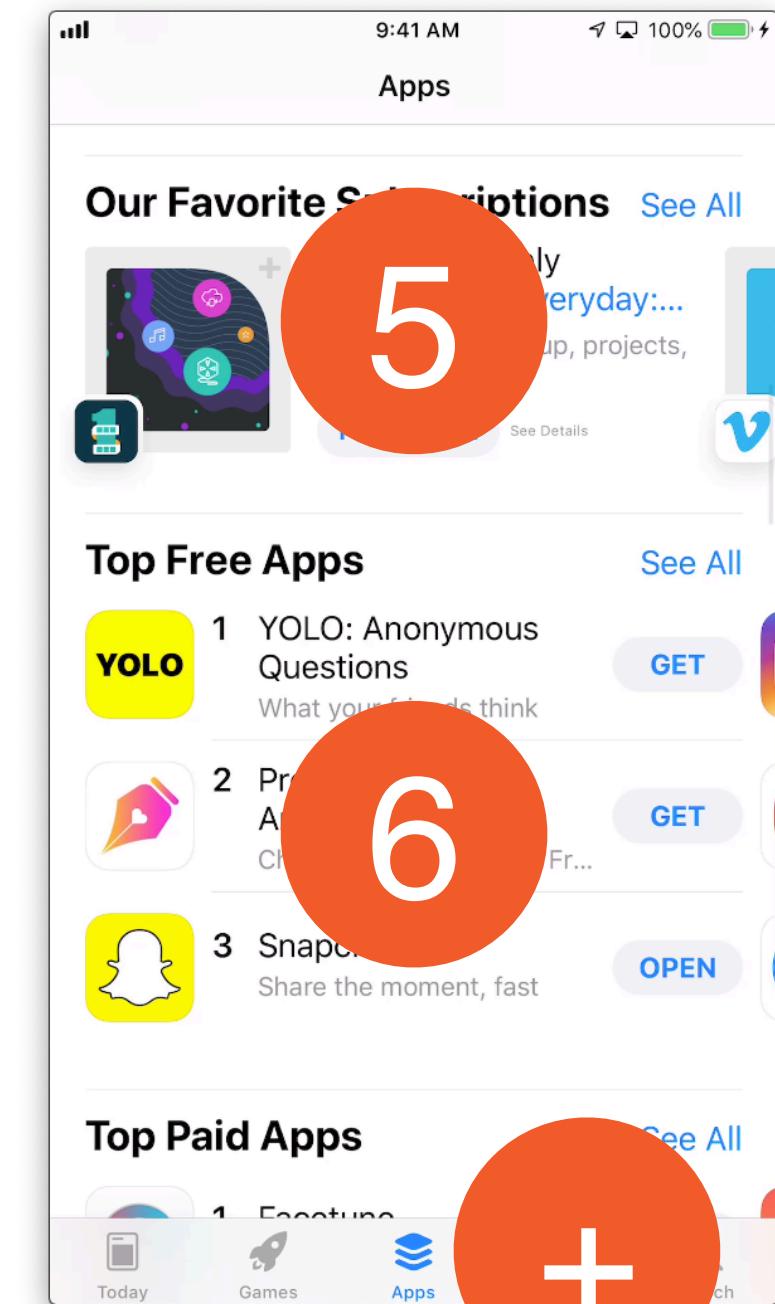
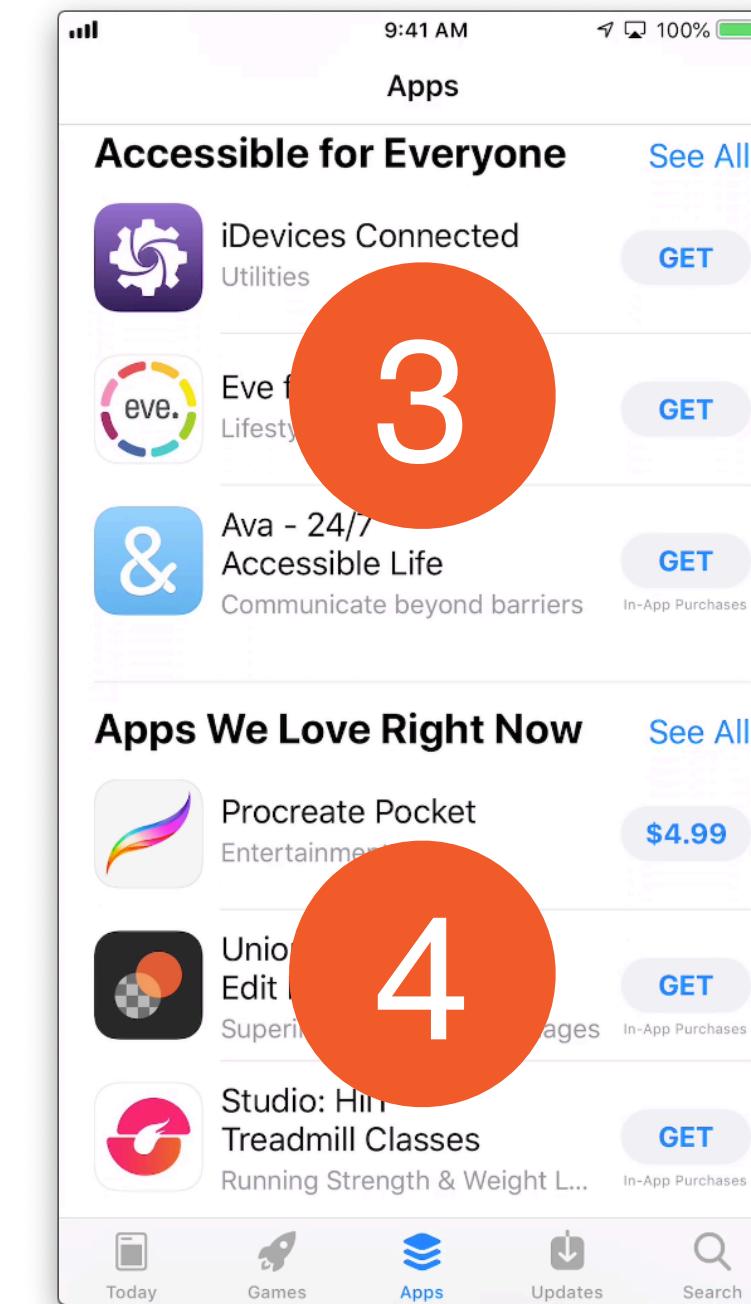
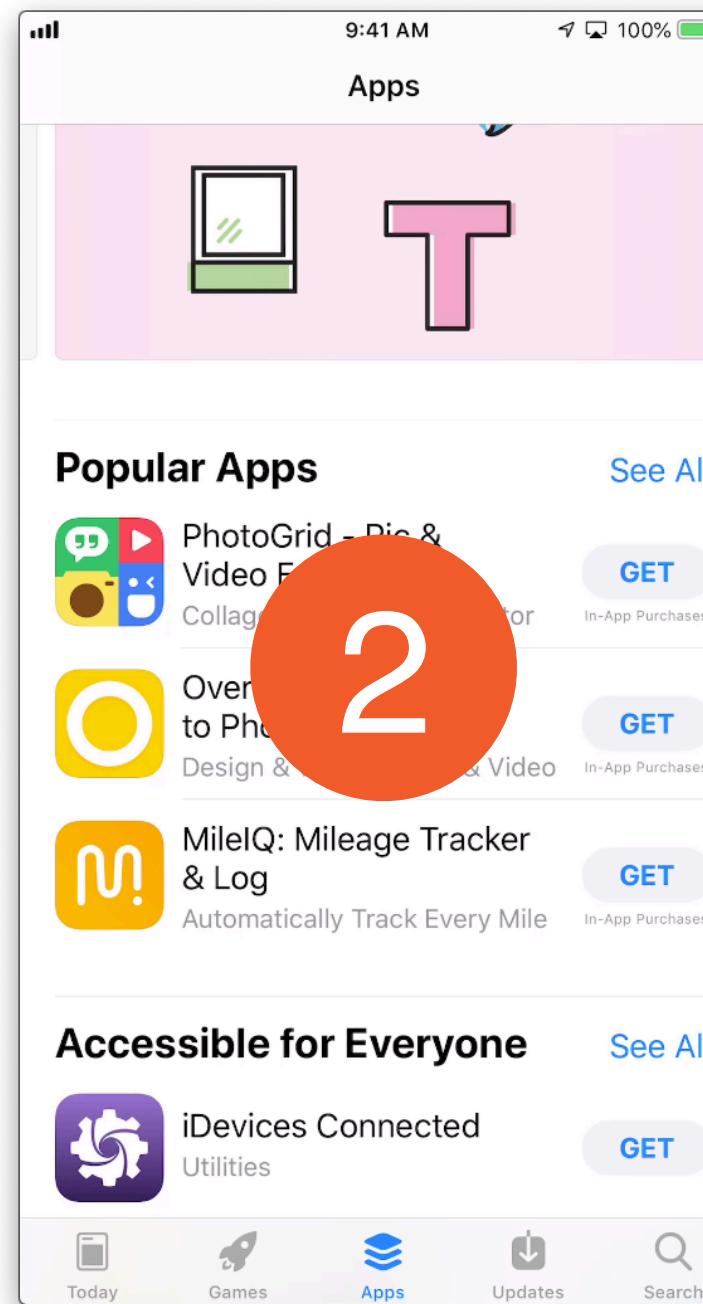
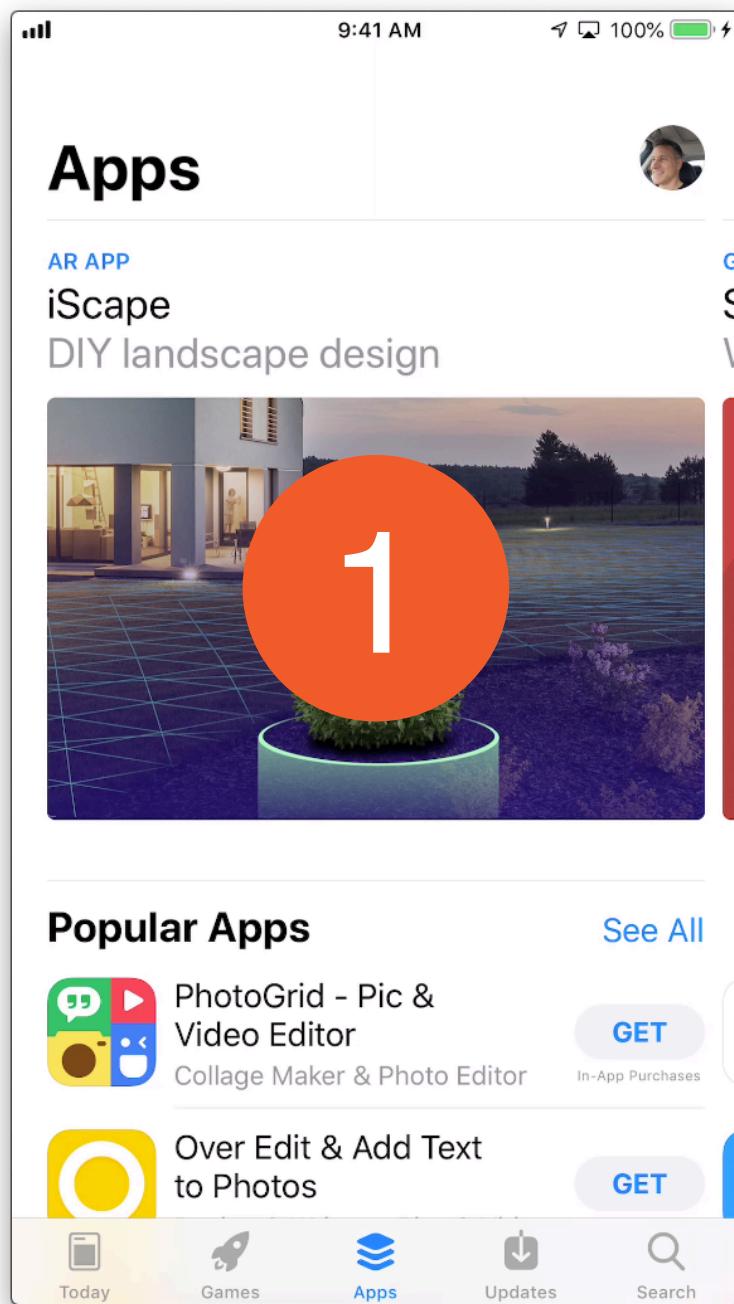


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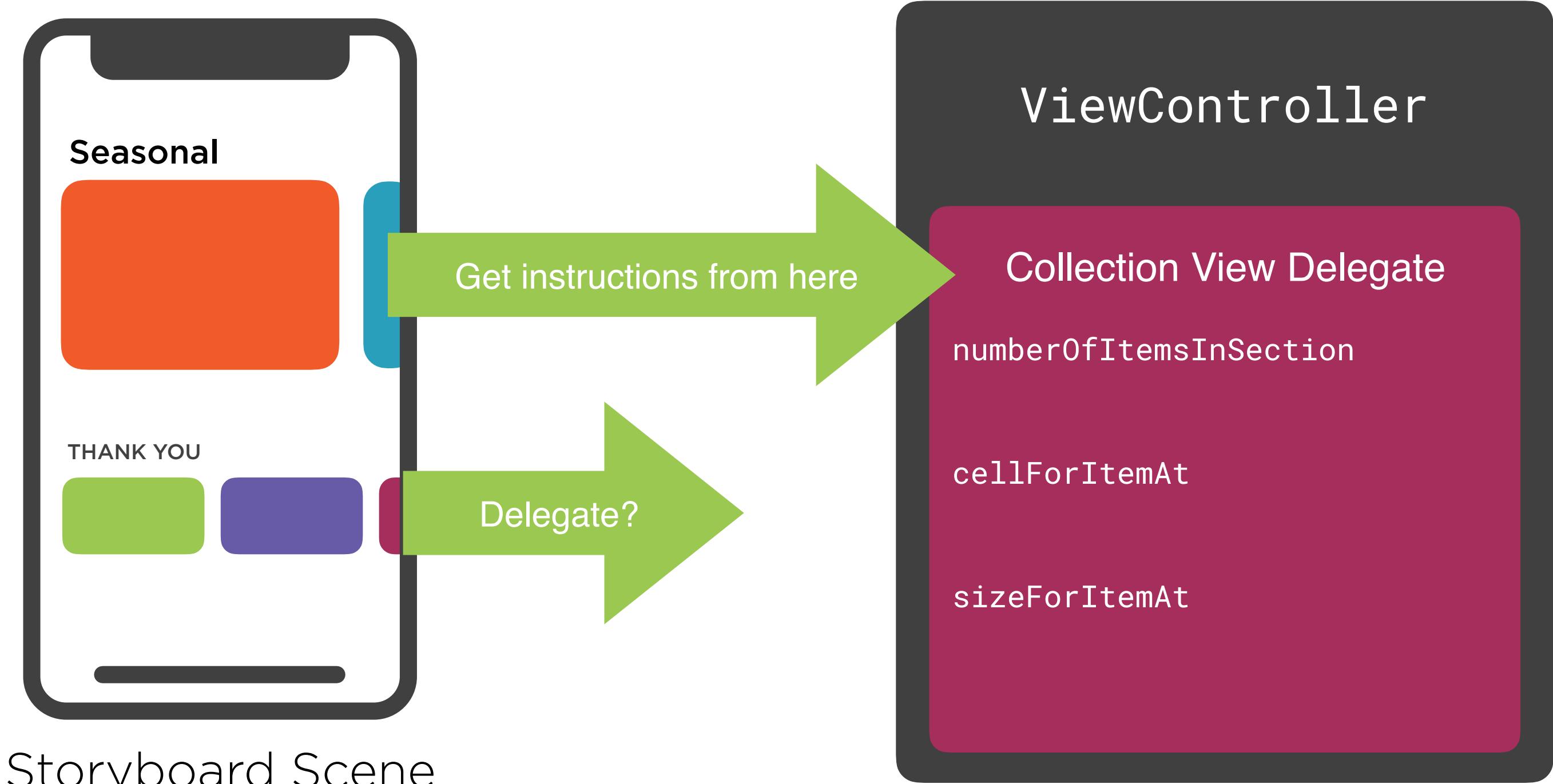
# Multiple Collection Views



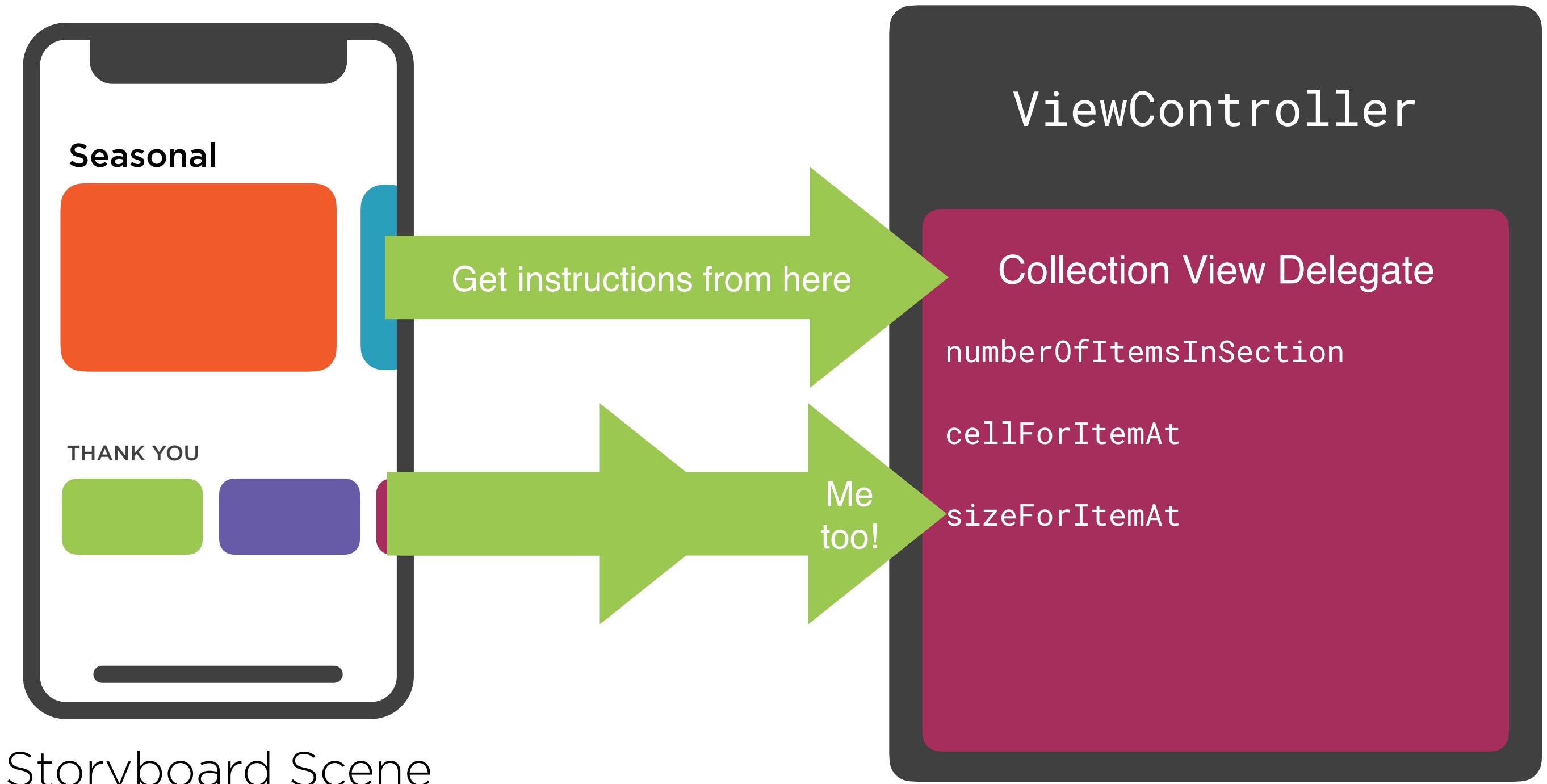
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# Wired Brain Coffee's Needs

# Adding a Second Collection View

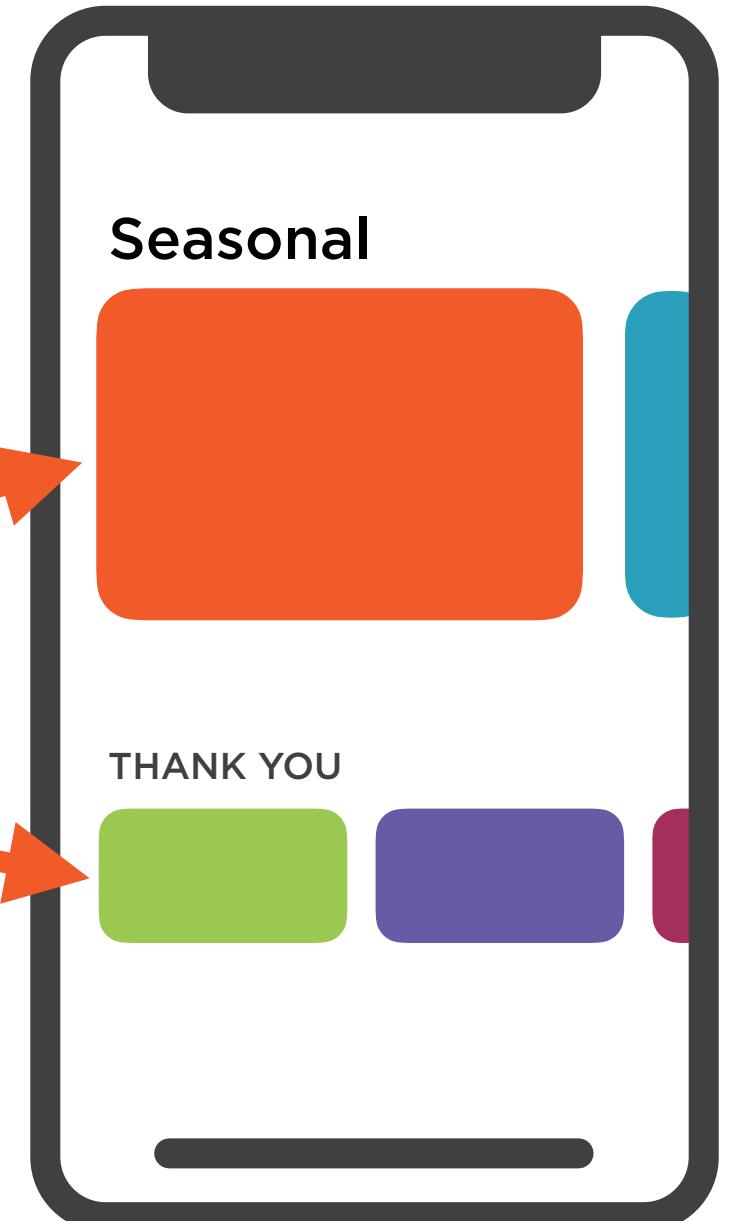


# Use the Same Delegate?



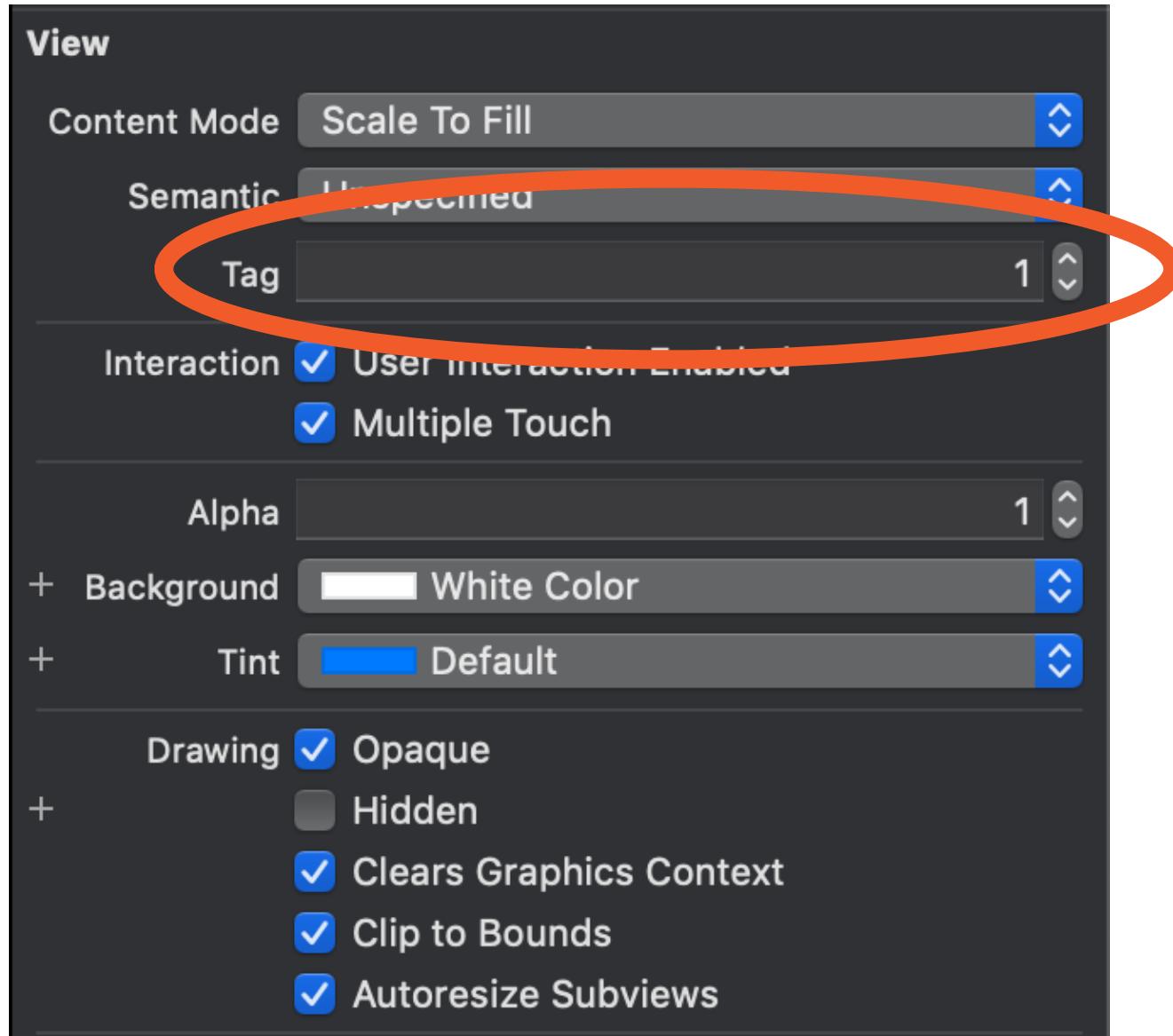
```
func collectionView(_ collectionView:  
UICollectionView, cellForItemAt indexPath:  
IndexPath) -> UICollectionViewCell {  
}
```

Which collection view?



# Using the Same Delegate

## Step 1



**tag**

An integer that you can use to identify view objects in your application

# Using the Same Delegate

## Step 2

```
func collectionView(_ collectionView: UICollectionView, numberOfItemsInSection section: Int) -> Int {
```

**Which collection view?**

```
}
```

```
func collectionView(_ collectionView: UICollectionView, cellForItemAt indexPath: IndexPath) -> UICollectionViewCell {
```

**Which collection view?**

```
}
```

```
func collectionView(_ collectionView: UICollectionView, layout collectionViewLayout: UICollectionViewLayout, sizeForItemAt indexPath: IndexPath) -> CGSize {
```

**Which collection view?**

```
}
```

# Using the Same Delegate

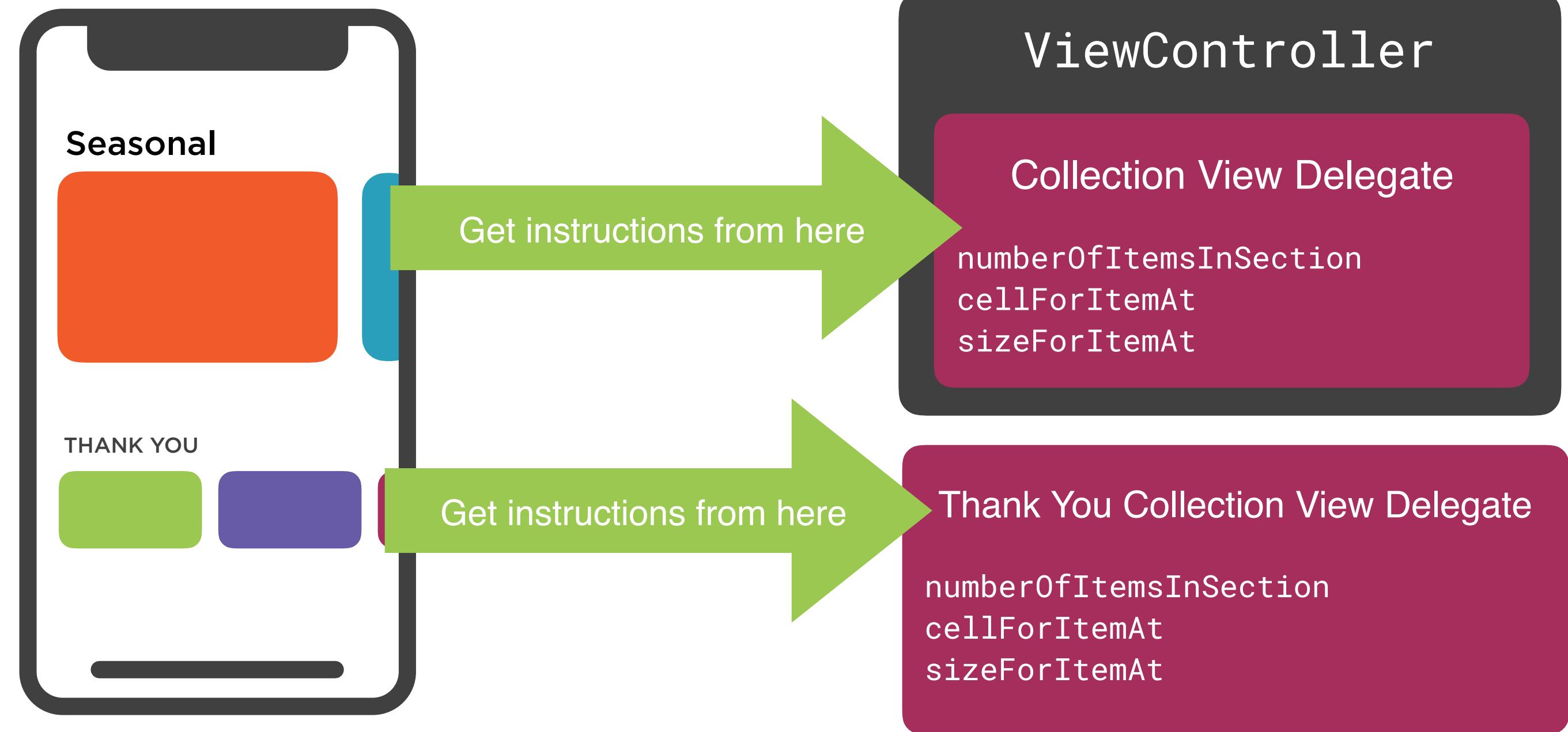
## Step 2

```
func collectionView(_ collectionView: UICollectionView,  
numberOfItemsInSection section: Int) -> Int {  
  
    return seasonalGiftCards.count  
  
}
```

# Inspecting the Tag Property

```
switch collectionView.tag {  
    case 0:  
        // first collection view code  
    case 1:  
        // second collection view code  
    case 2:  
        // third collection view code  
    ...  
    default:  
        // other collection view code  
}
```

# Different Delegates

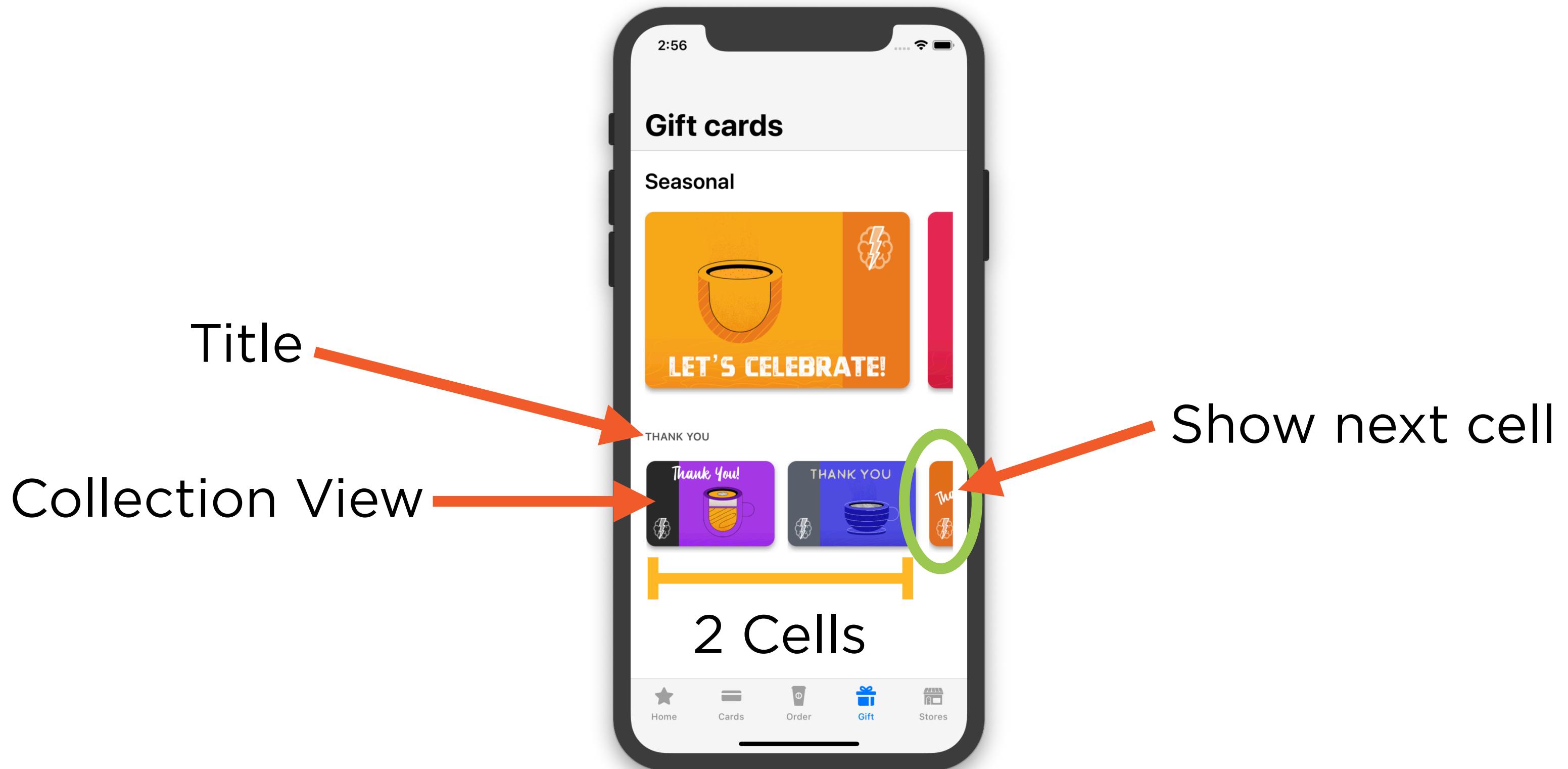


# Demo

## Working with multiple collection views

- Update storyboard with a new collection view and title
- Create an outlet
- Calculate the height of our new collection view
- Create a delegate class to populate and calculate size of the cells

# Multiple Collection Views



# Connecting the Data

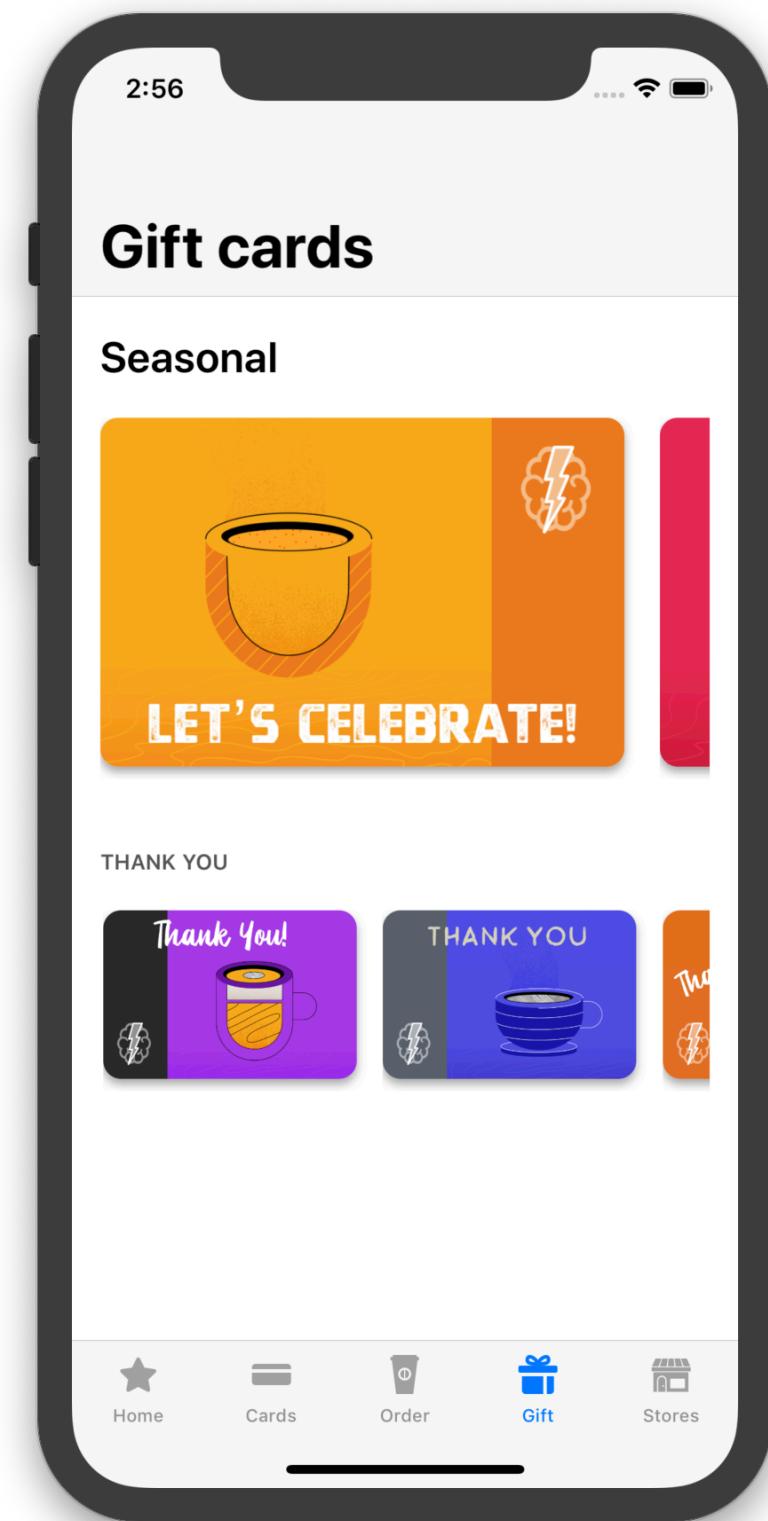
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# Demo

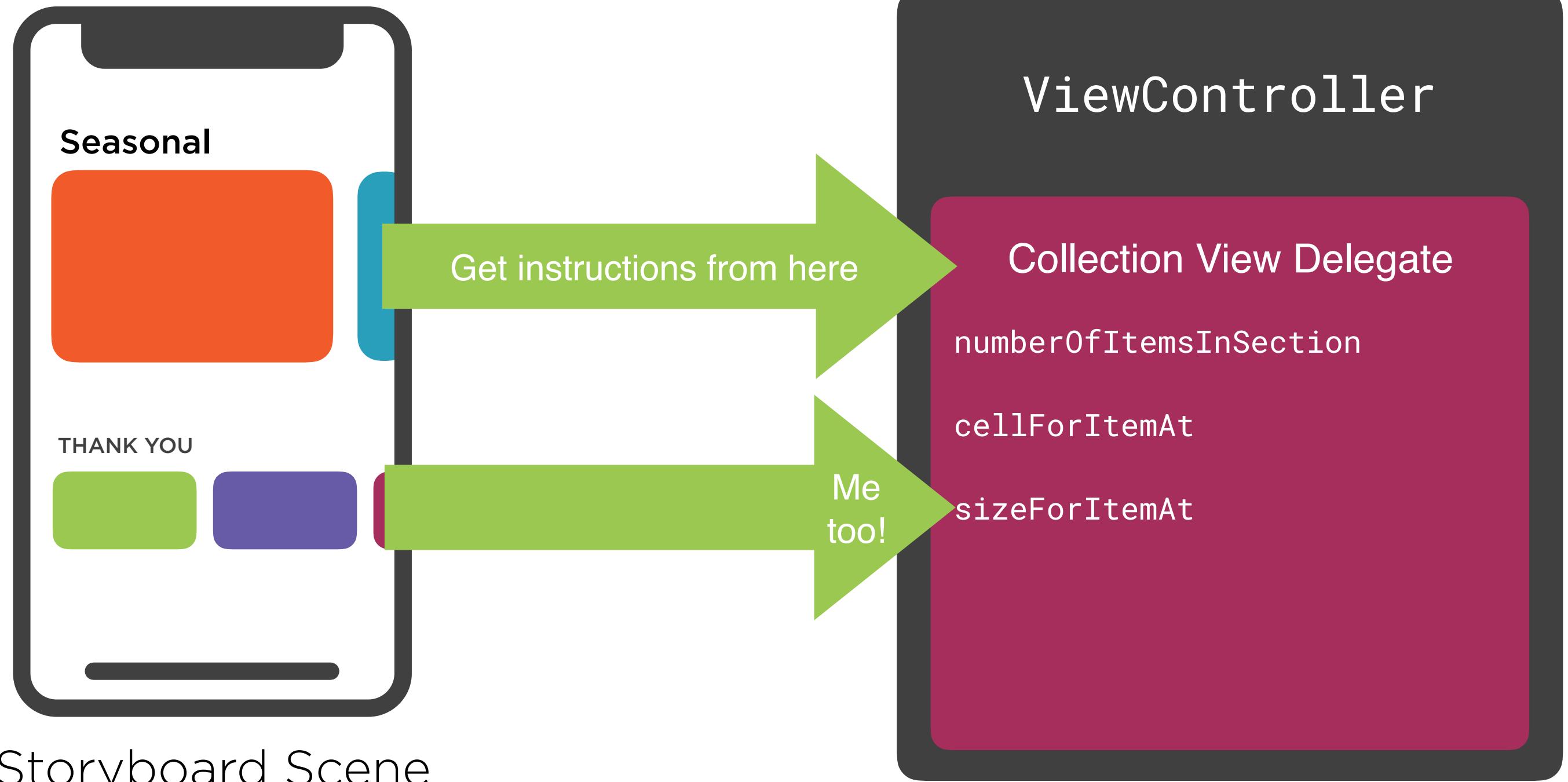
## Showing the Thank You Gift Cards

- Use gift card functions class to get data
- Initialize the new collection view data source class with the gift card data
- Reload collection view with new data

# Summary



# Same Delegate + Tag Property

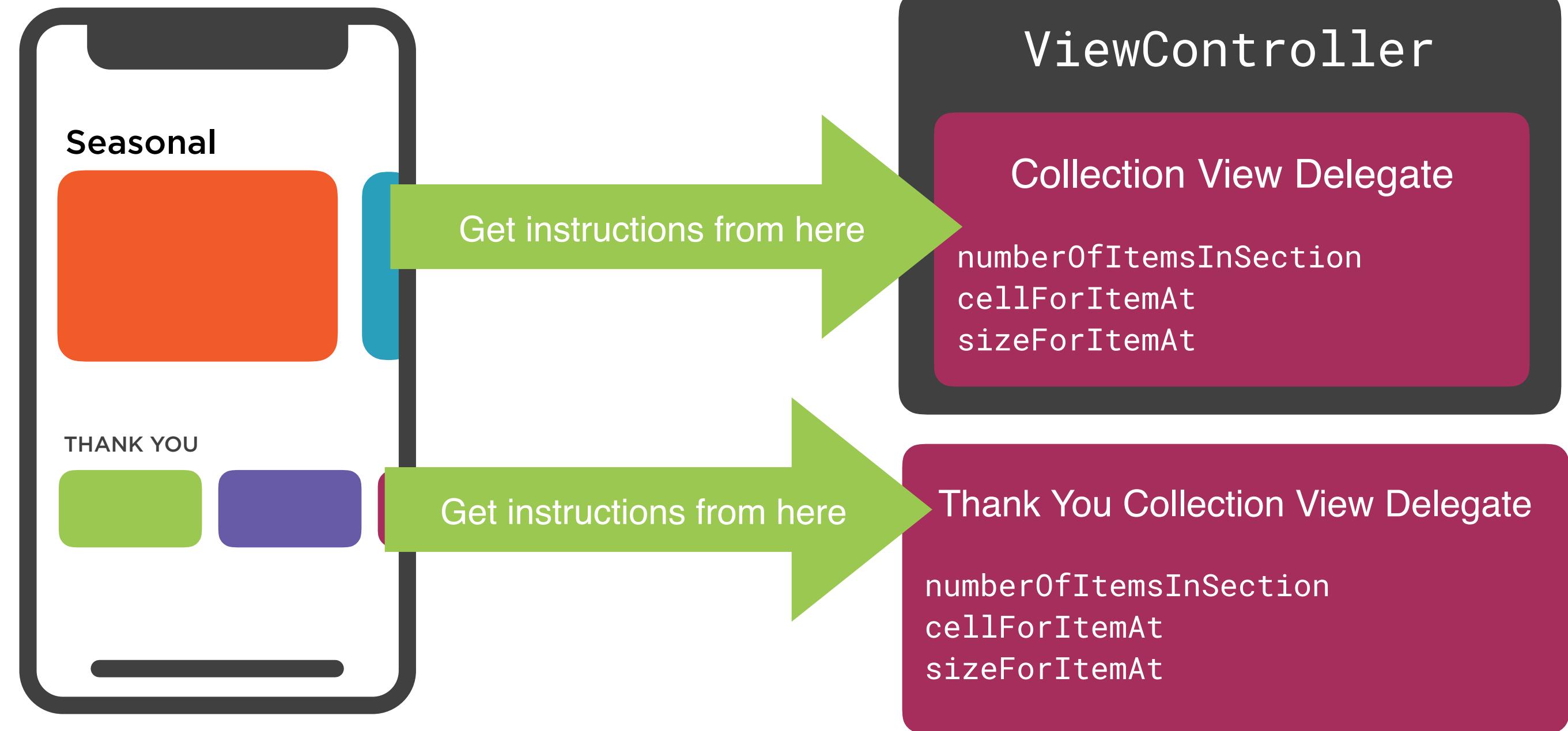


# Same Delegate + Tag Property

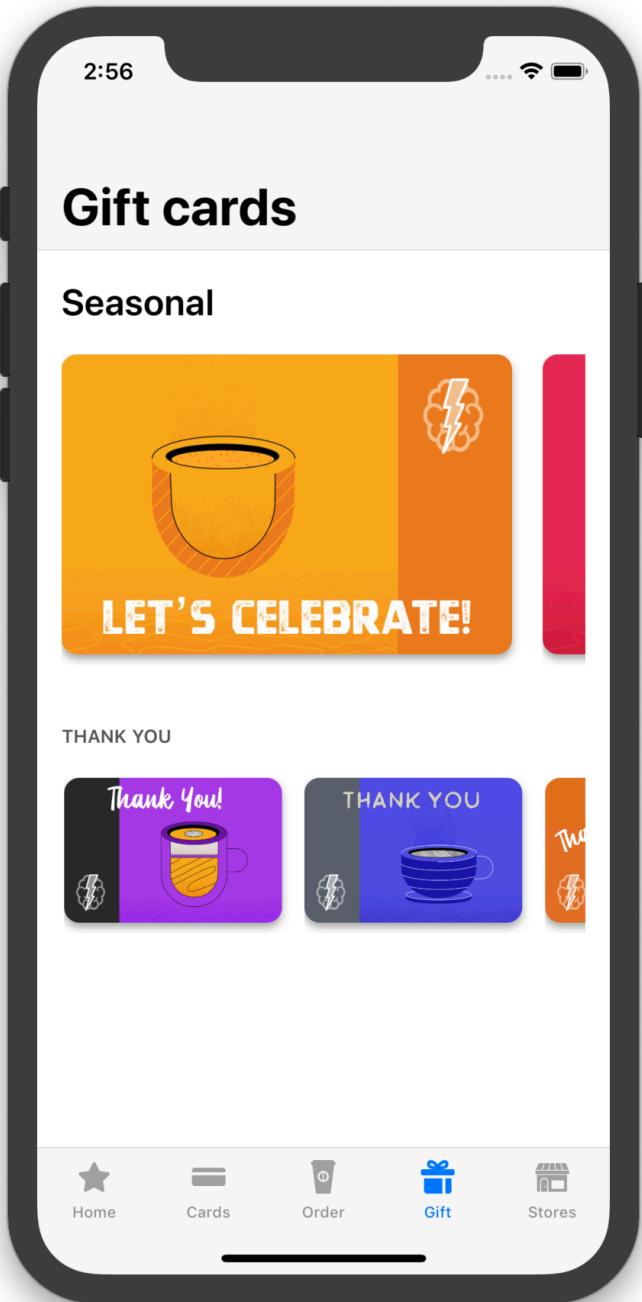


```
if collectionView.tag == 1 {  
    // seasonal collection view code  
} else {  
    // thank you collection view code  
}  
  
switch collectionView.tag {  
    case 1:  
        // seasonal collection view code  
    case 2:  
        // thank you collection view code  
    ...  
    default:  
        // other collection view code
```

# Different Delegates



# What's Next?



# Great Job!

