

Course Summary

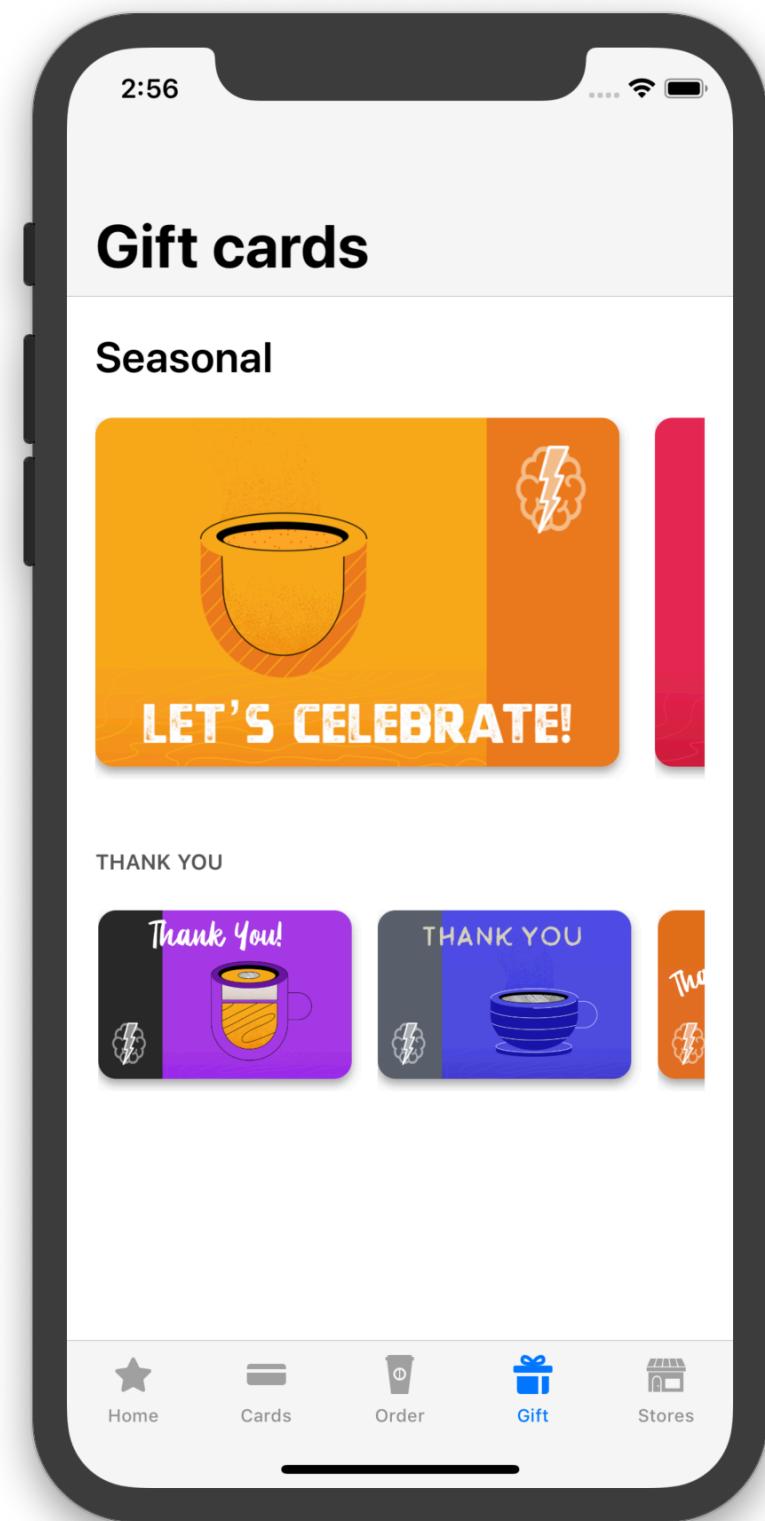


Mark Moeykens

IOS DEVELOPER AND AUTHOR

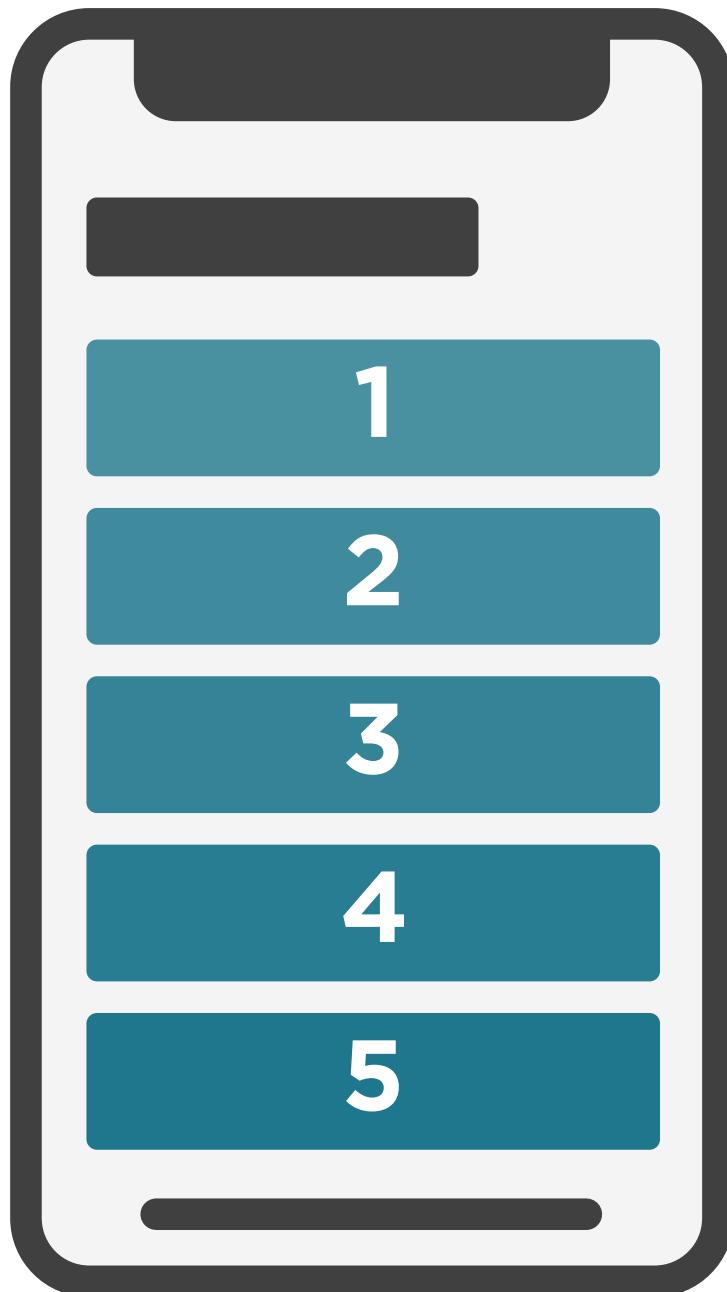
@bigmtnstudio youtube.com/markmoeykens

Summary



When Should I Use a Collection View?

Table View

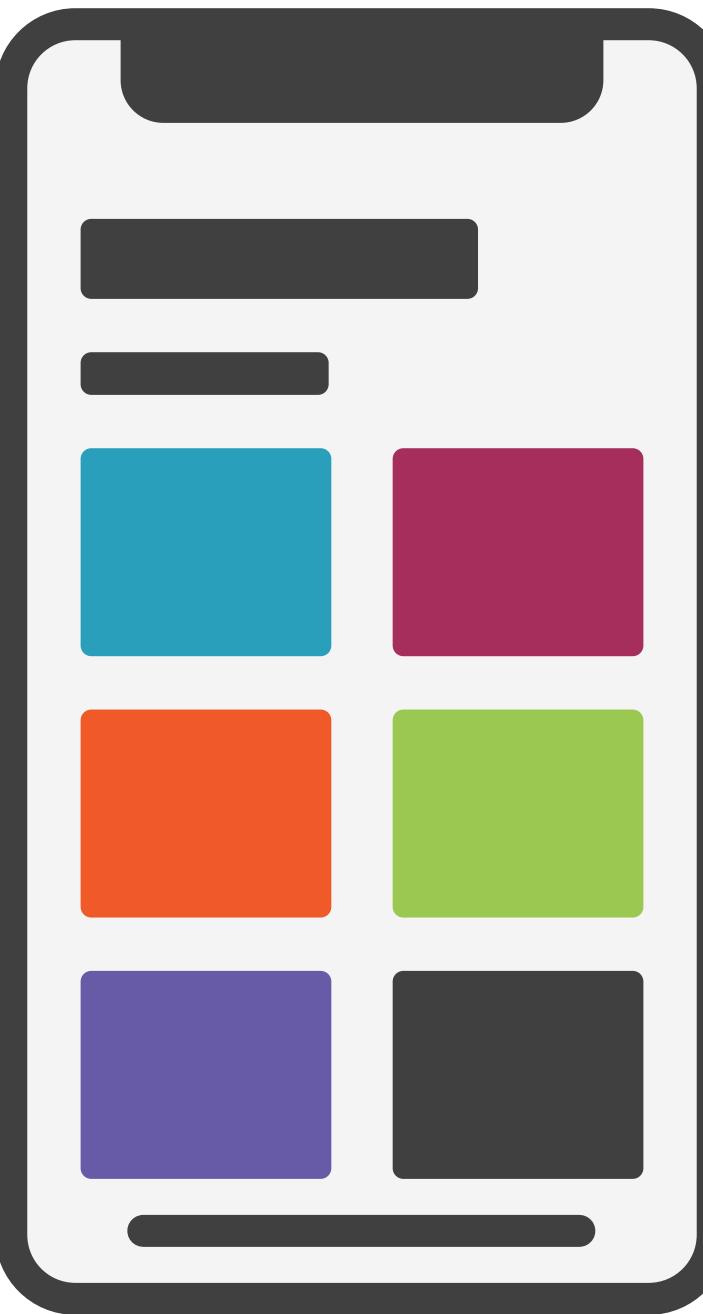
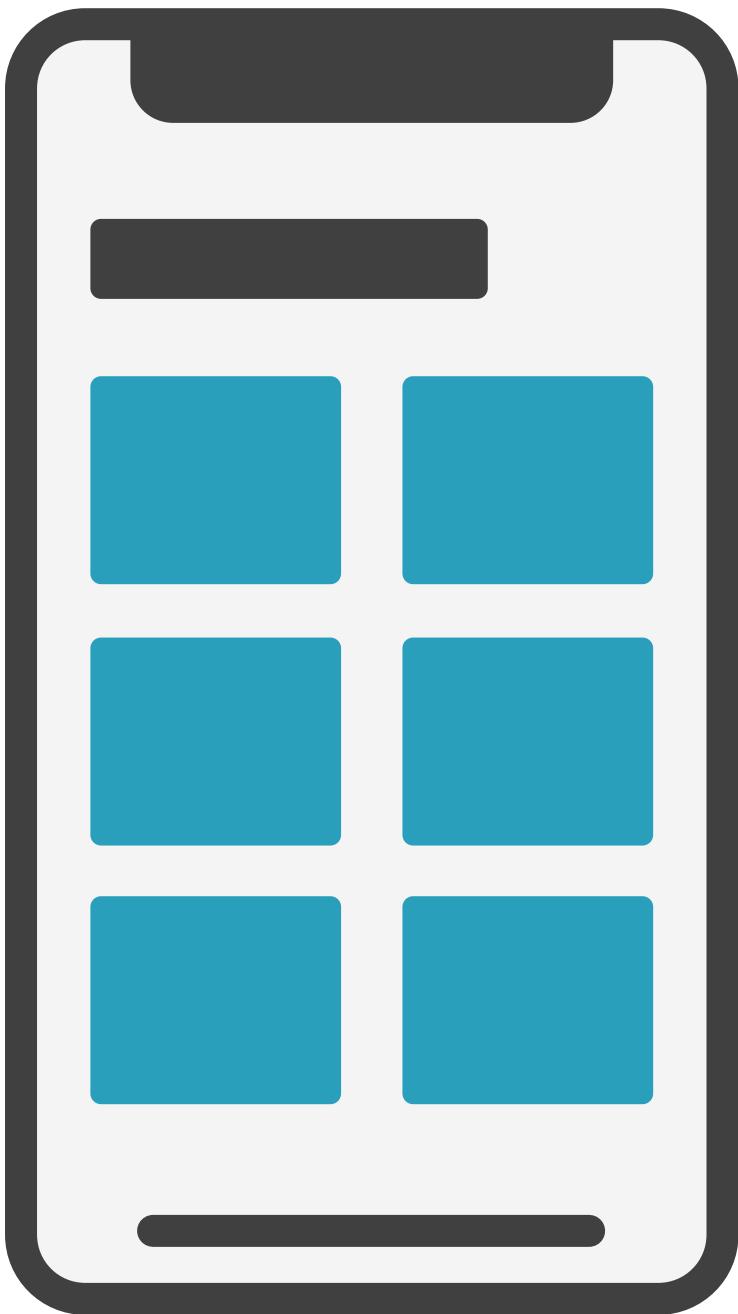


Single column



Vertical Scroll

Collection Views



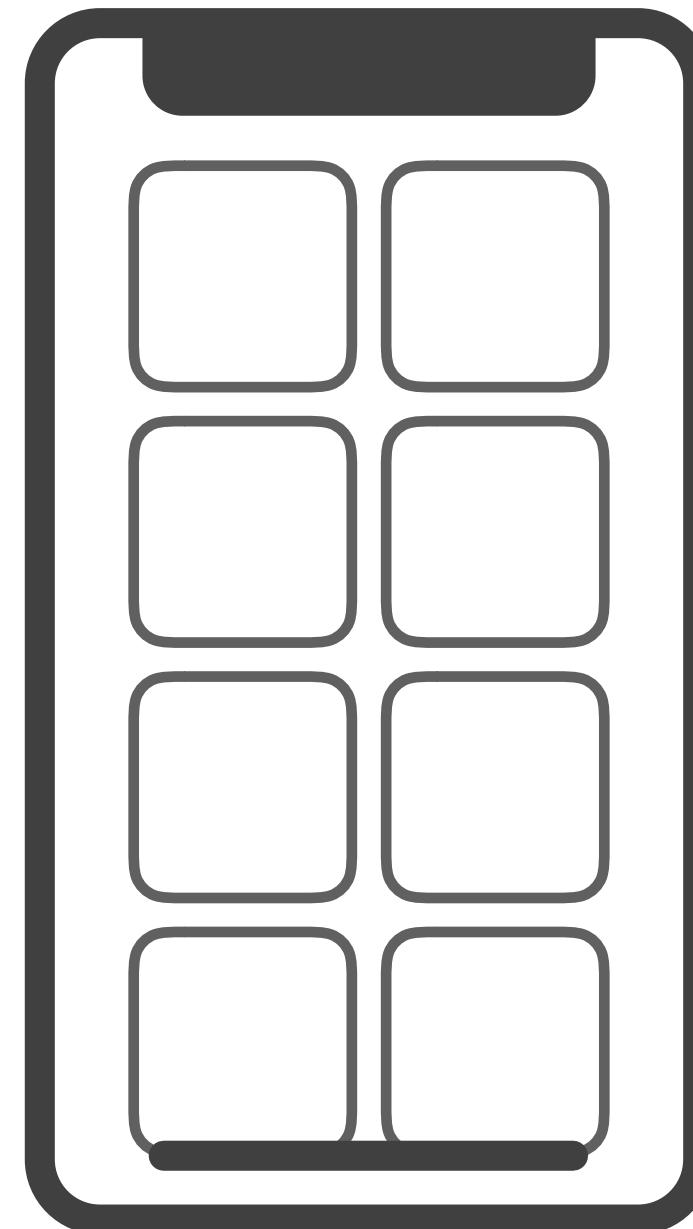
Collection View Delegation

How many cells?

`numberOfItemsInSection:`

What's in each cell?

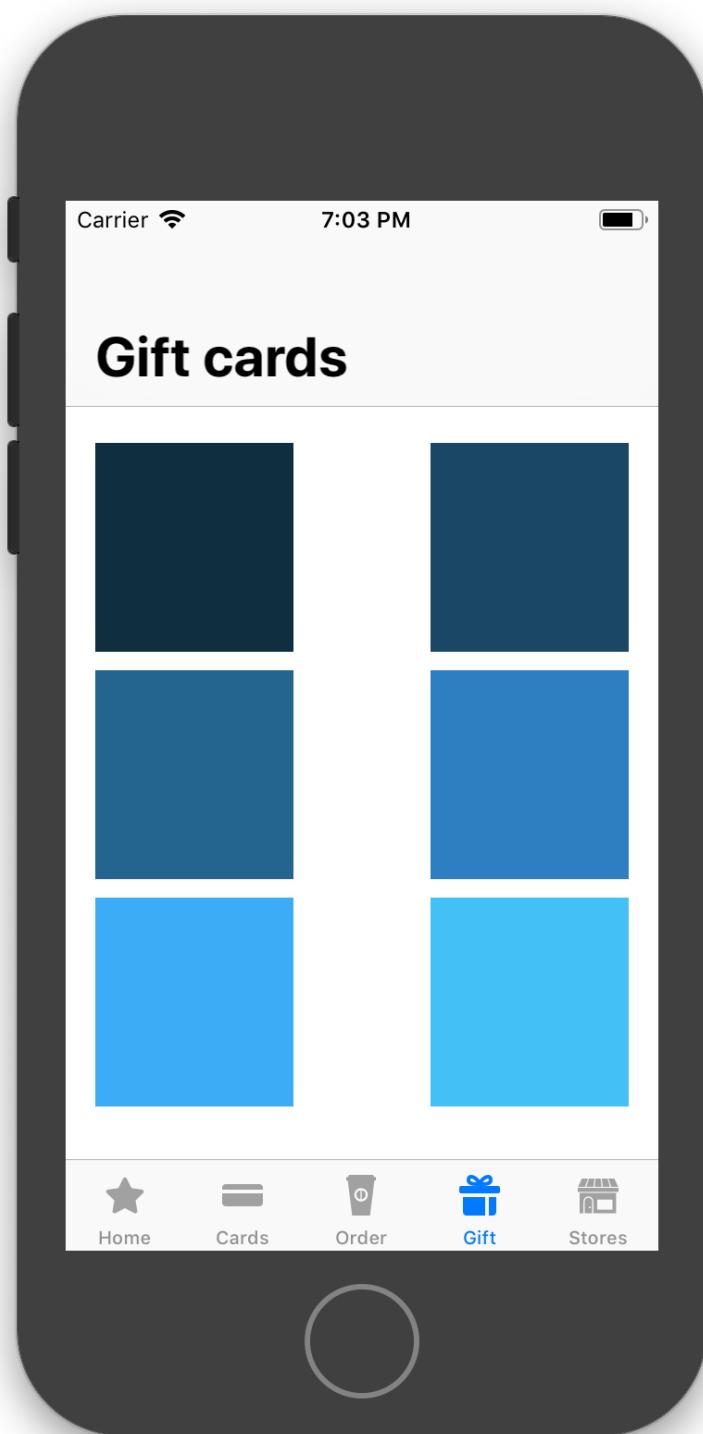
`cellForItemAt:`



Reusing Collection View Cells



How to Handle Spacing?



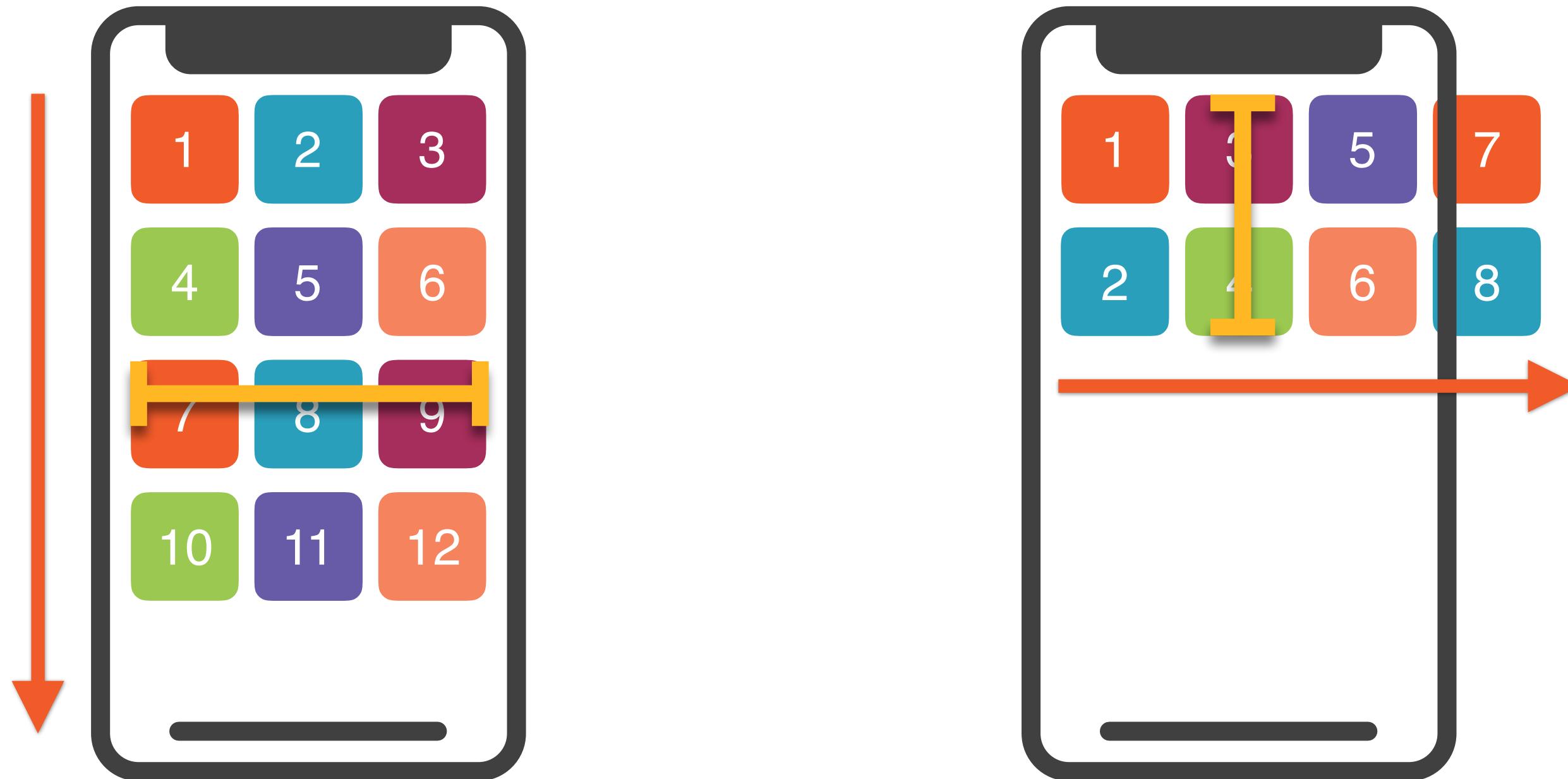
```
func collectionView(_ collectionView: UICollectionView,  
                  layout collectionViewLayout: UICollectionViewLayout,  
                  sizeForItemAt indexPath: IndexPath) -> CGSize {  
  
    // Return the size you want your cell to be  
    return CGSize(width: 100, height: 100)  
}
```

UICollectionViewDelegateFlowLayout

collectionView(_:layout:sizeForItemAt:)

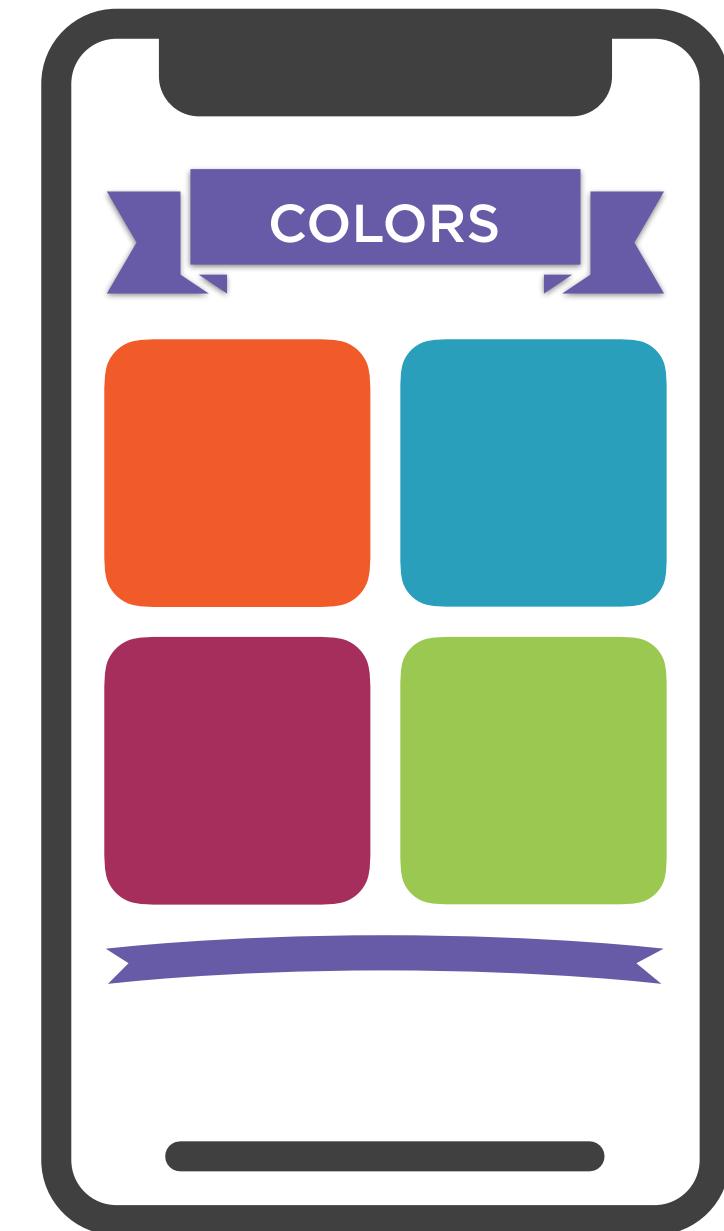
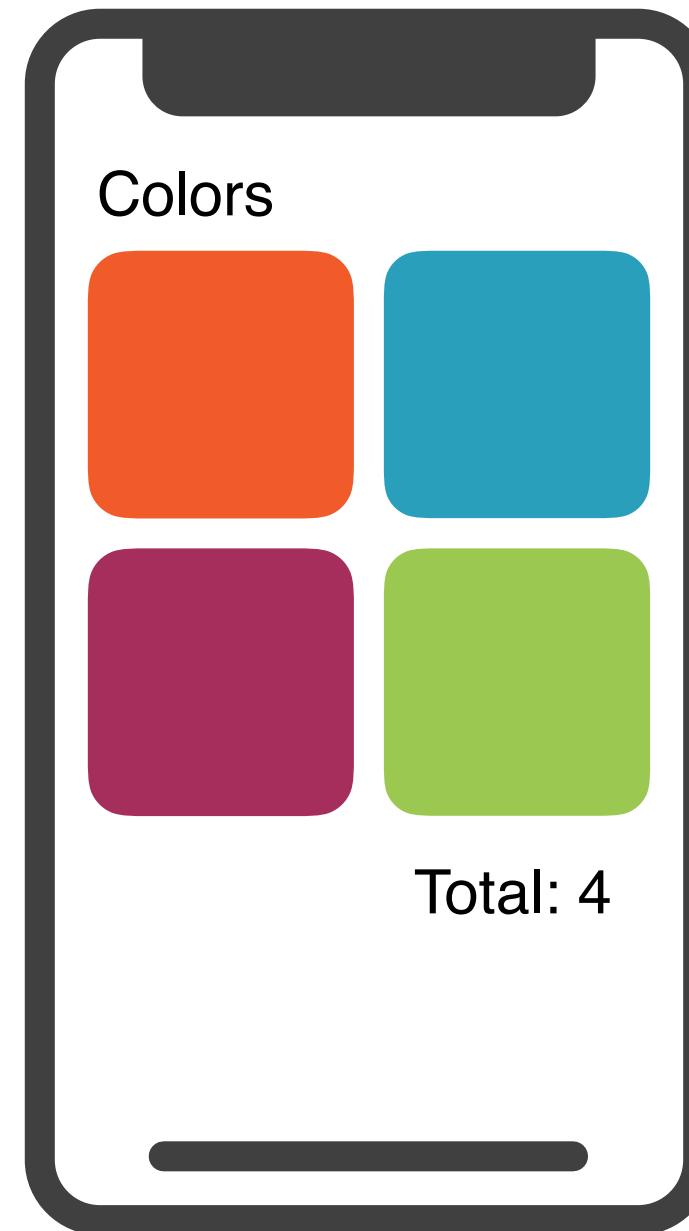
Asks the delegate for the size of the specified item's cell

Cell Sizing Options

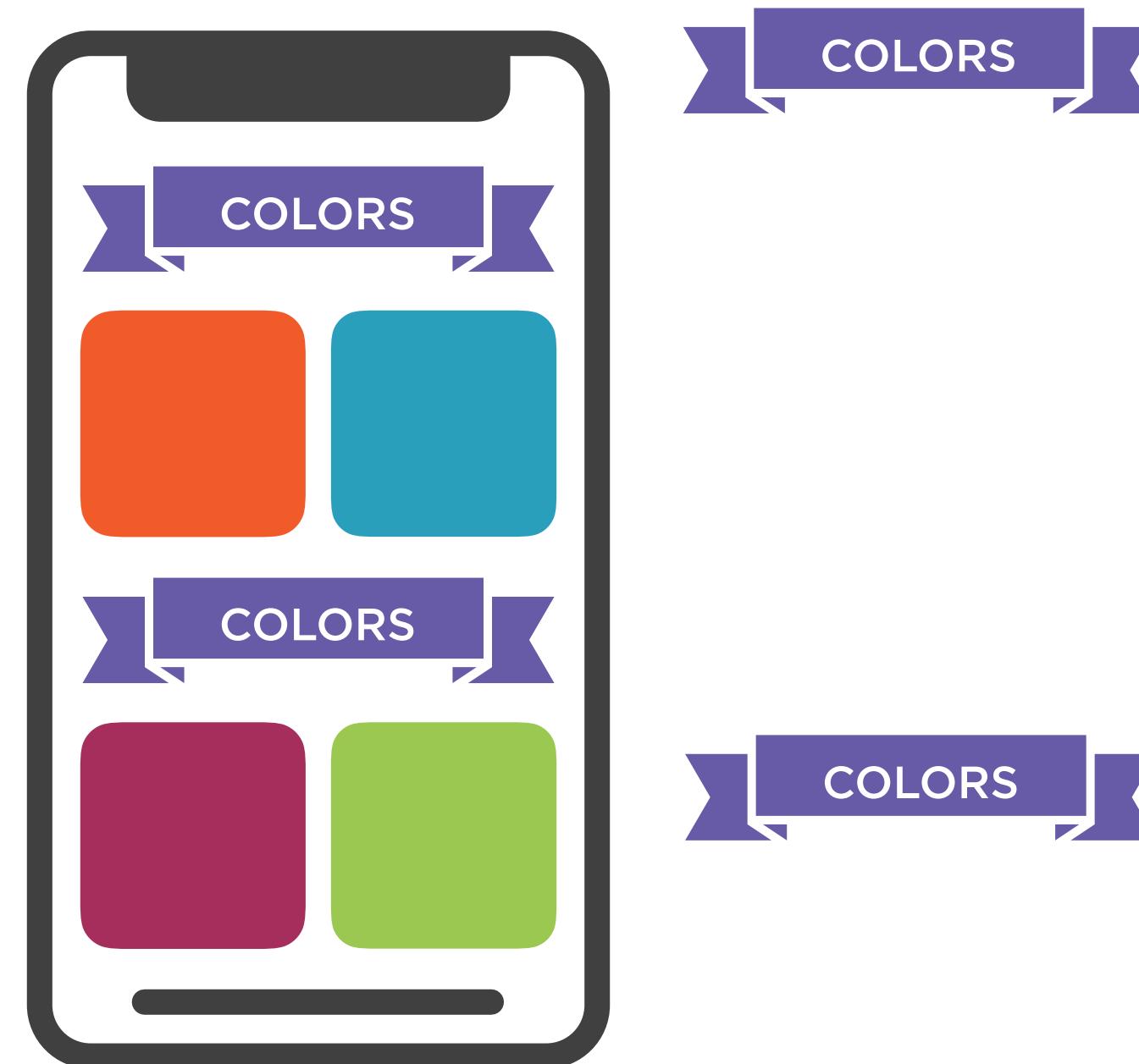


Supplementary Views

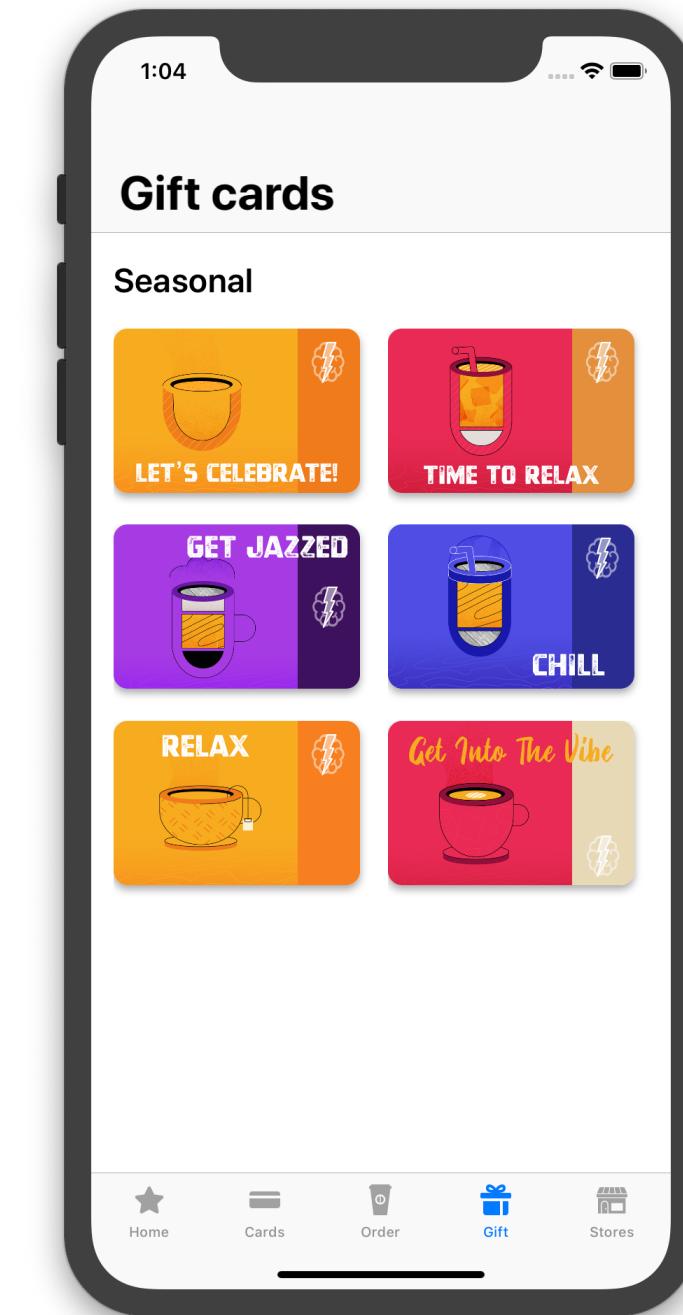
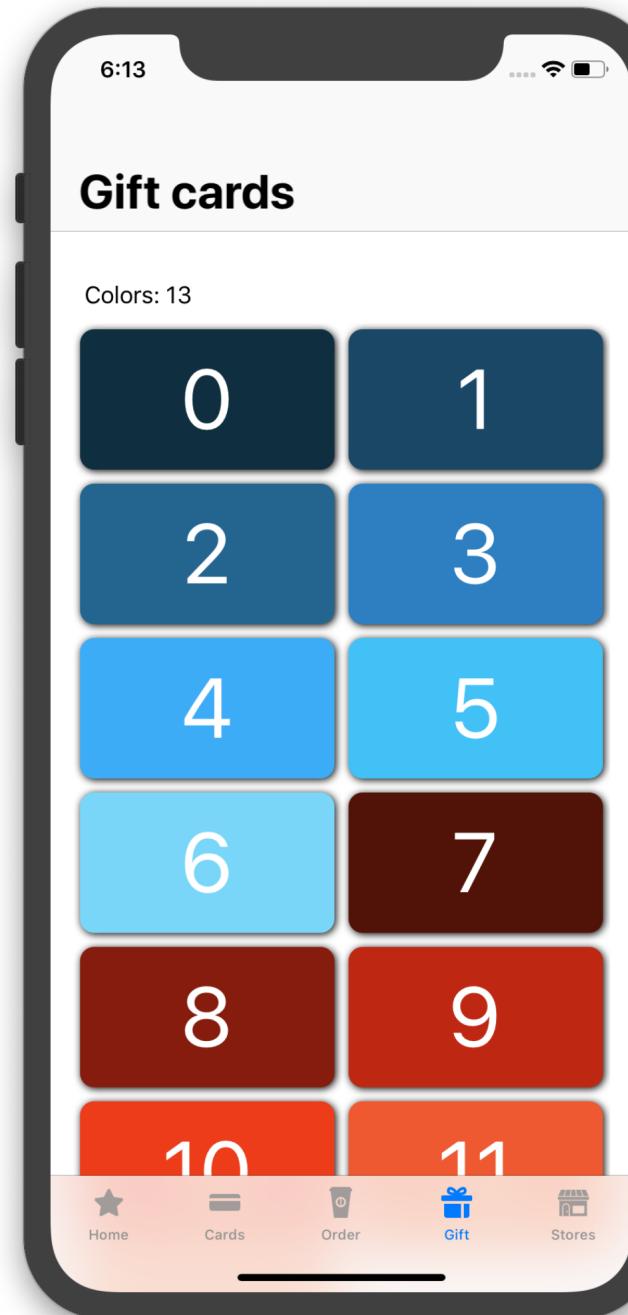
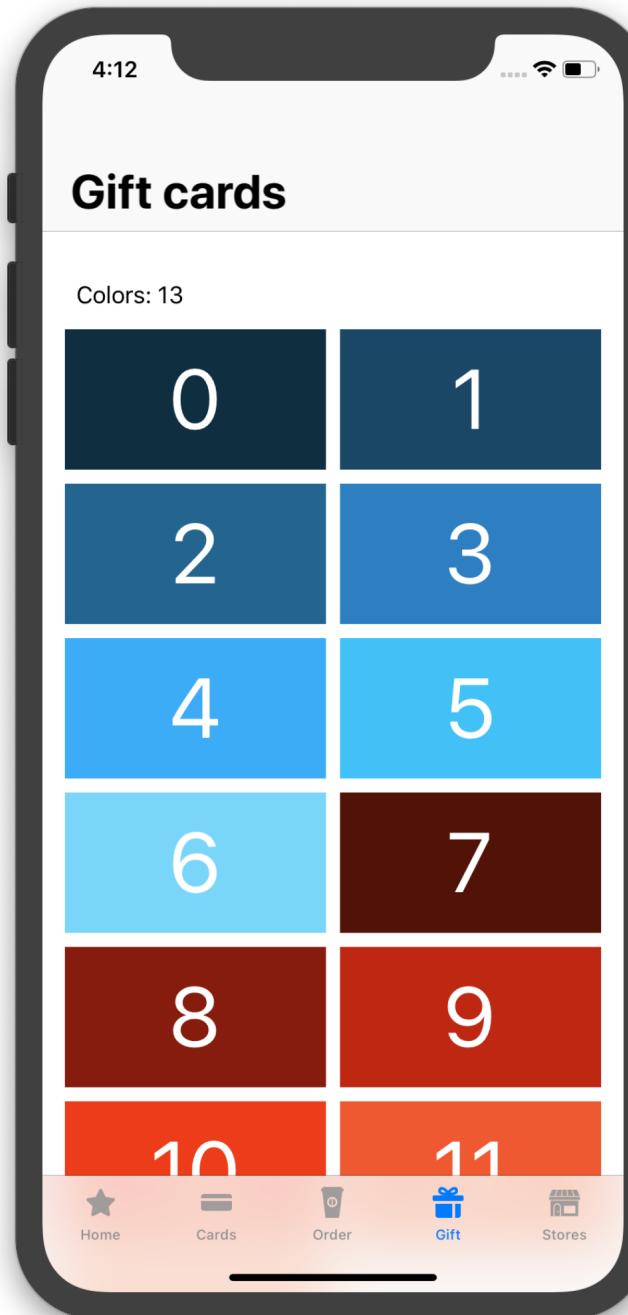
Section Headers & Footers



viewForSupplementaryElementOfKind UICollectionViewDataSource



Customizing Collection View Cells



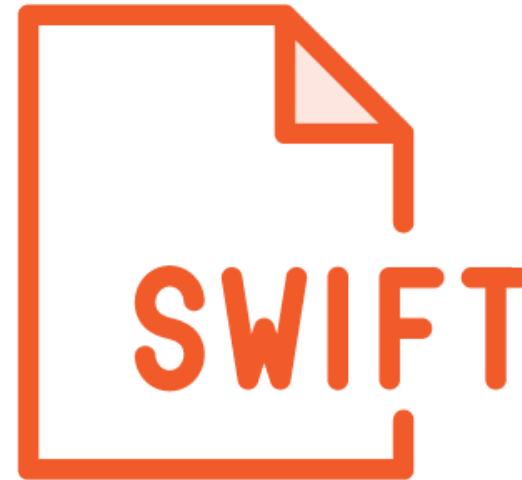
5 Steps to Customizing Cells



1. Add UI controls to cell



2. Identify Class Type



3. Create a new class



4. Link the class to the UI control

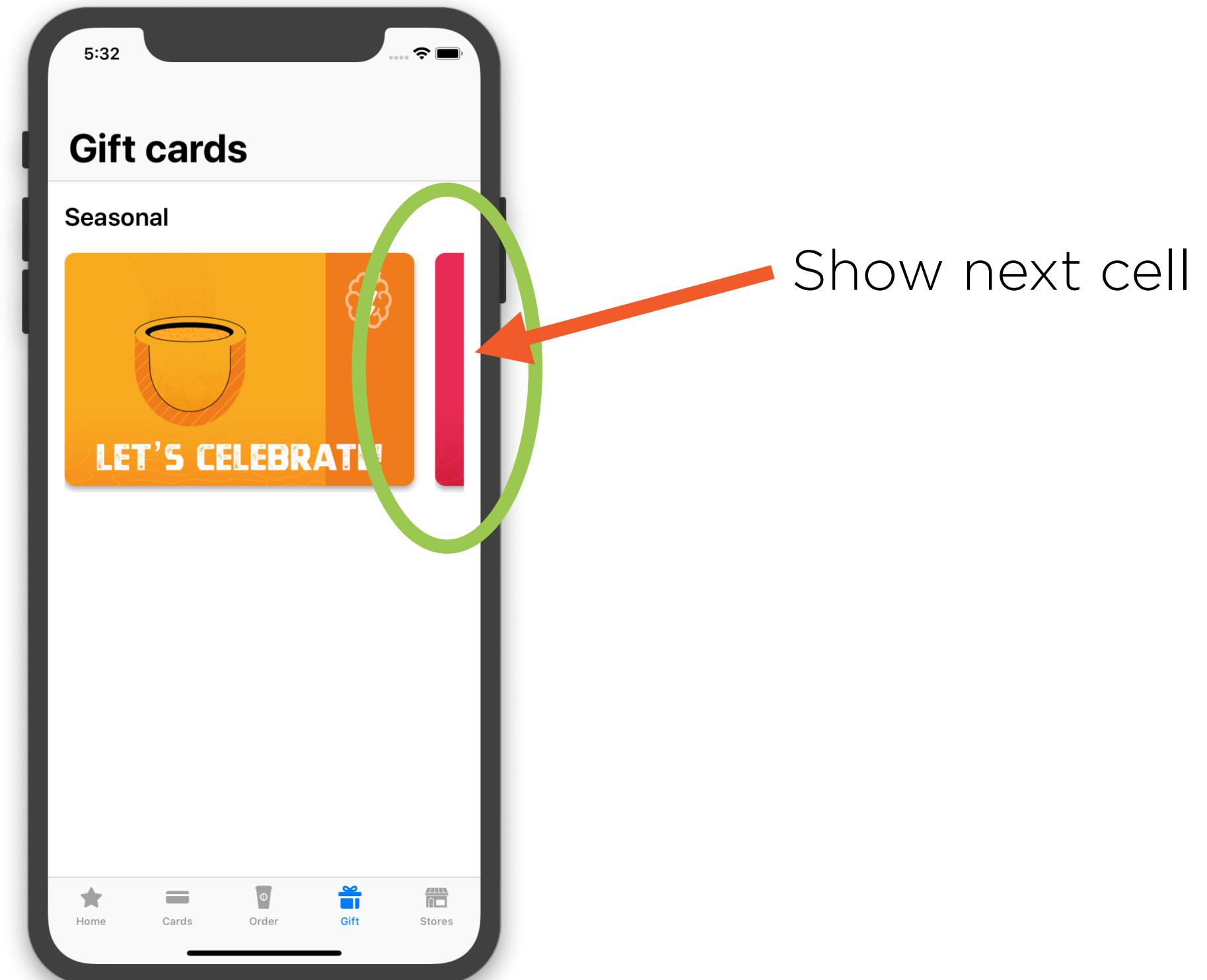


5. Create outlets and update property values

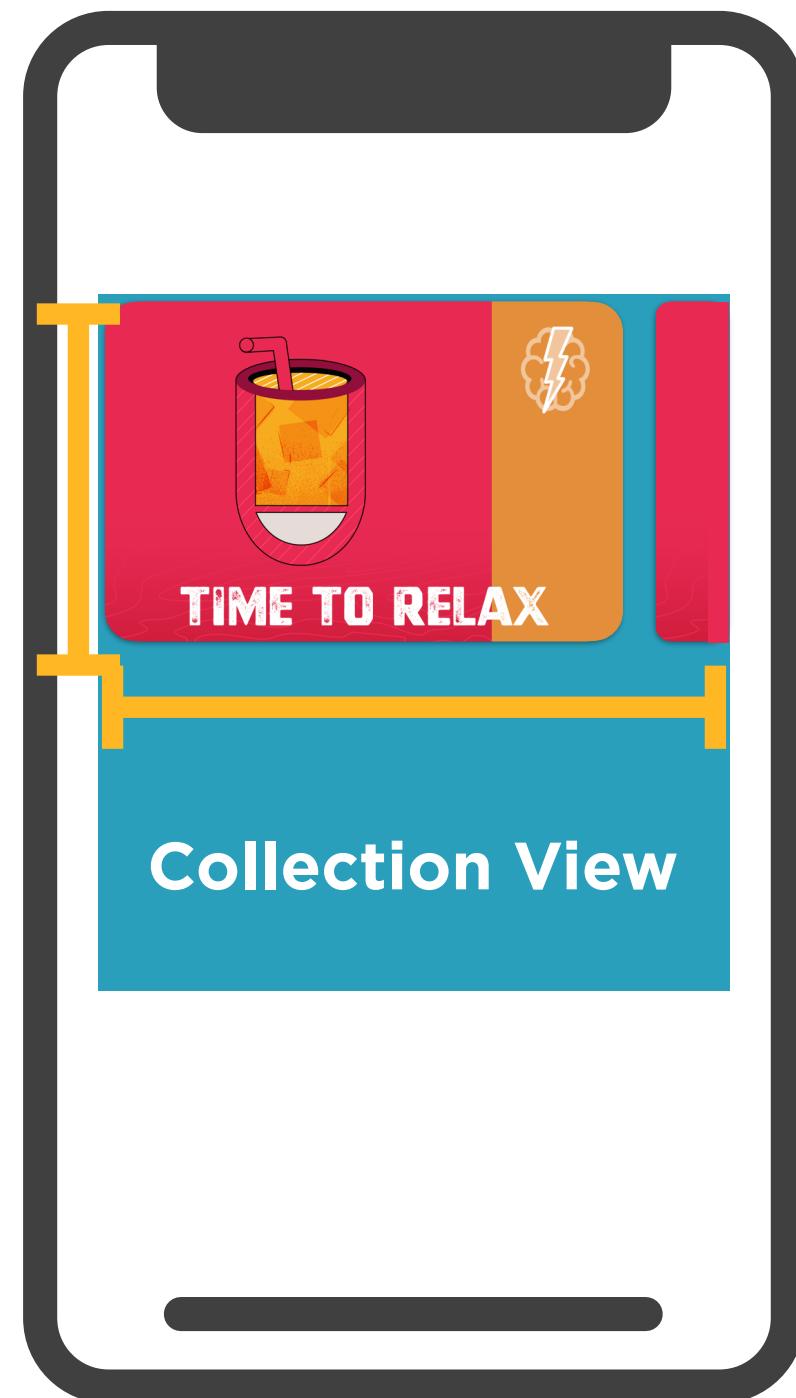
Horizontally Scrolling Collection Views



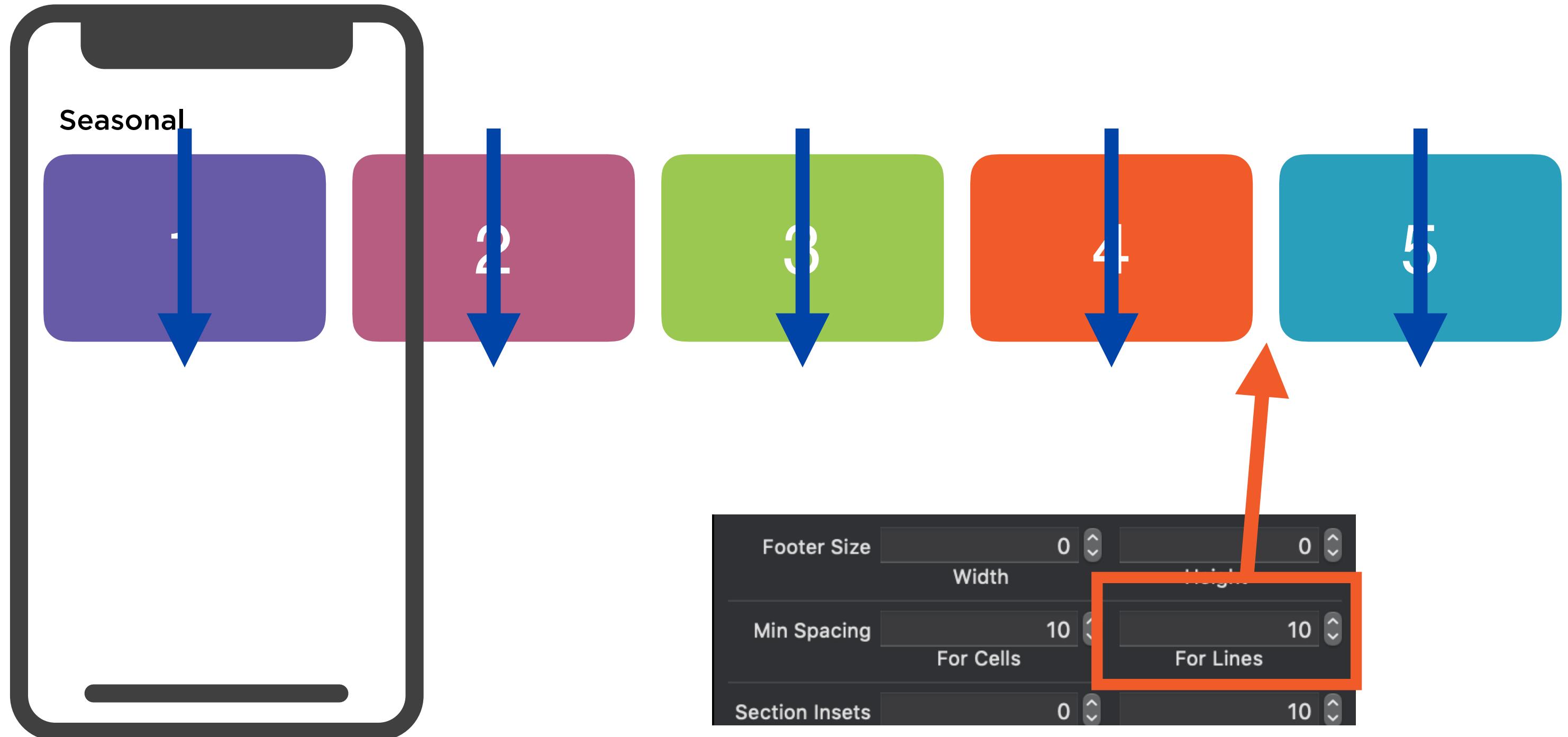
Showing the Next Cell



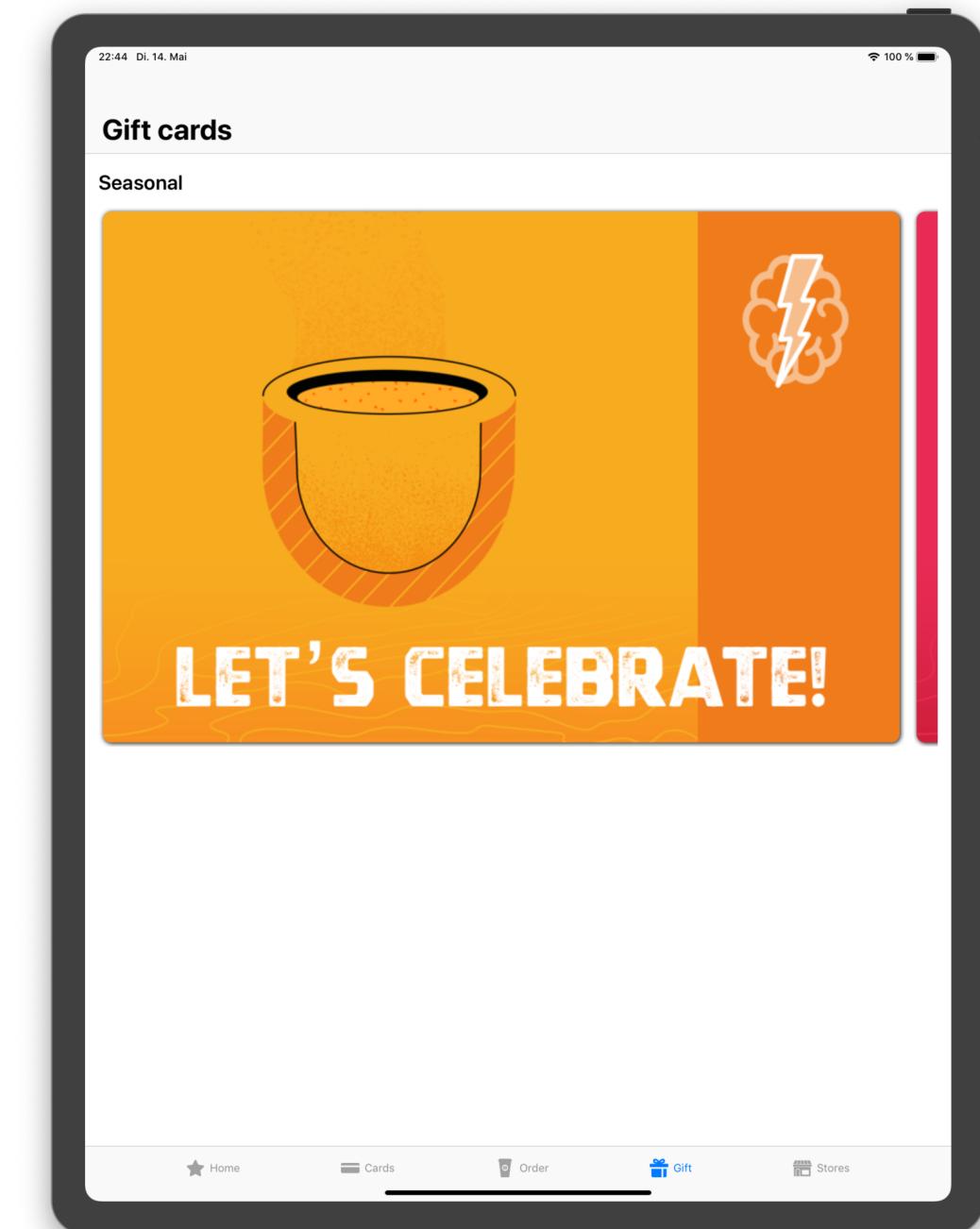
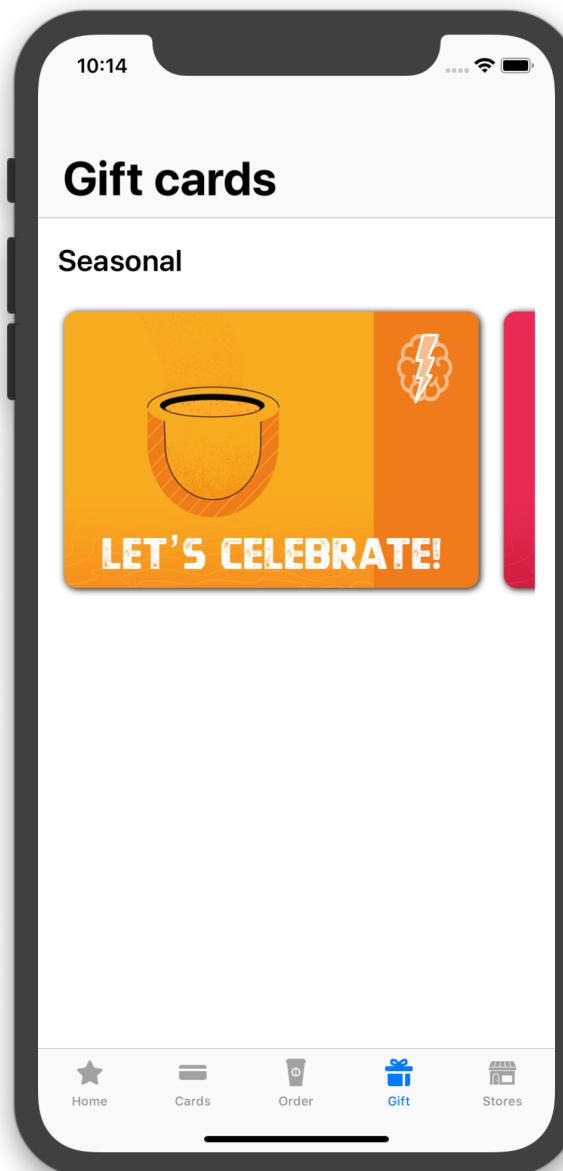
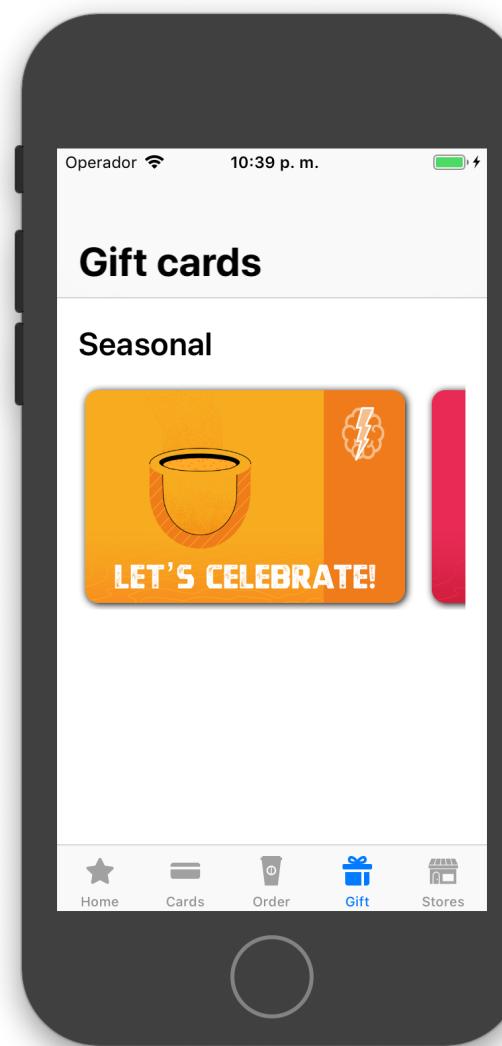
Dynamic Sizing



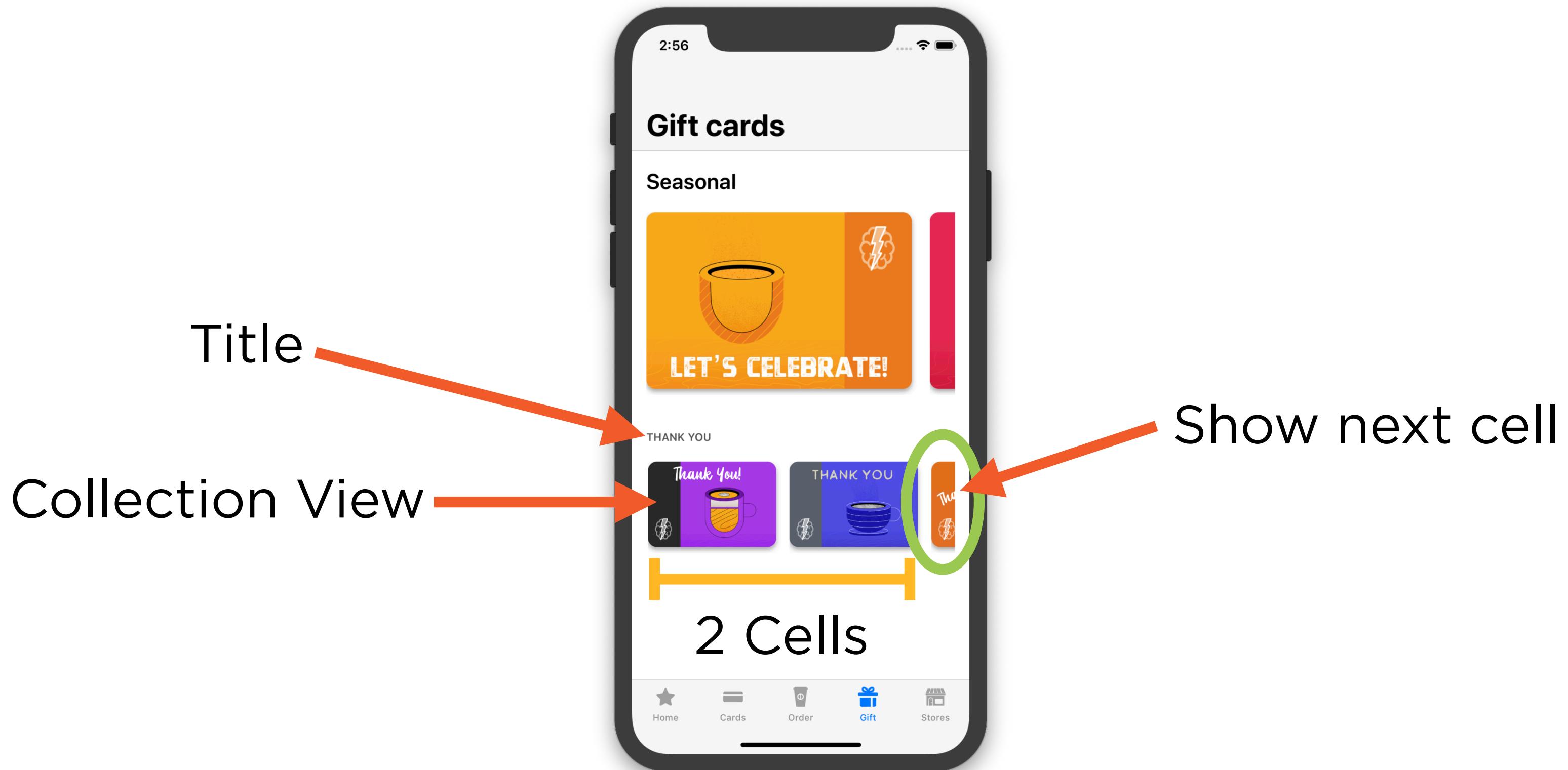
Spacing the Horizontally Scrolling Cells



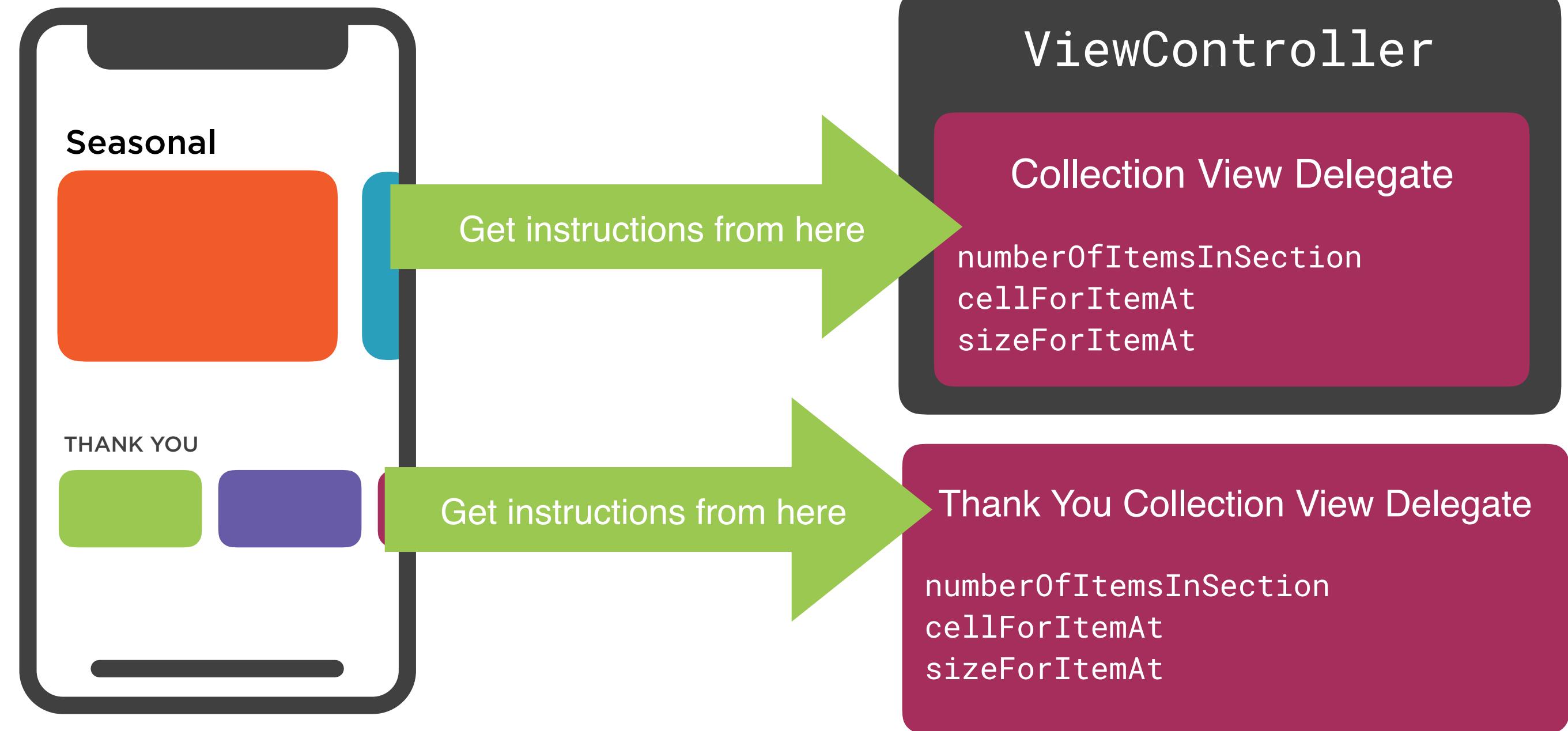
Looking Good on Large and Small Devices!



Multiple Collection Views



Different Delegates



Congratulations, you rock!

