

```
tabase

newController: UITableViewController {
    L = BandsModel()

    viewDidLoad() {
        viewDidLoad()

        L.fetch {[weak self] (Void) -> Void in
            strongSelf = self
            strongSelf.tableView.reloadData()
        }
    }

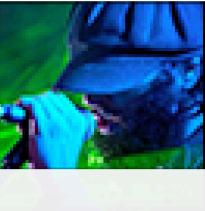
    override func didReceiveMemoryWarning() {
        super.didReceiveMemoryWarning()
        // Dispose of any resources that can be recreated.
    }
}
```

iPad Retina – iOS 10.2 (14C89)
Carrier 5:57 PM 100%

Bands

 Ambulance LTD
Fri 5/4

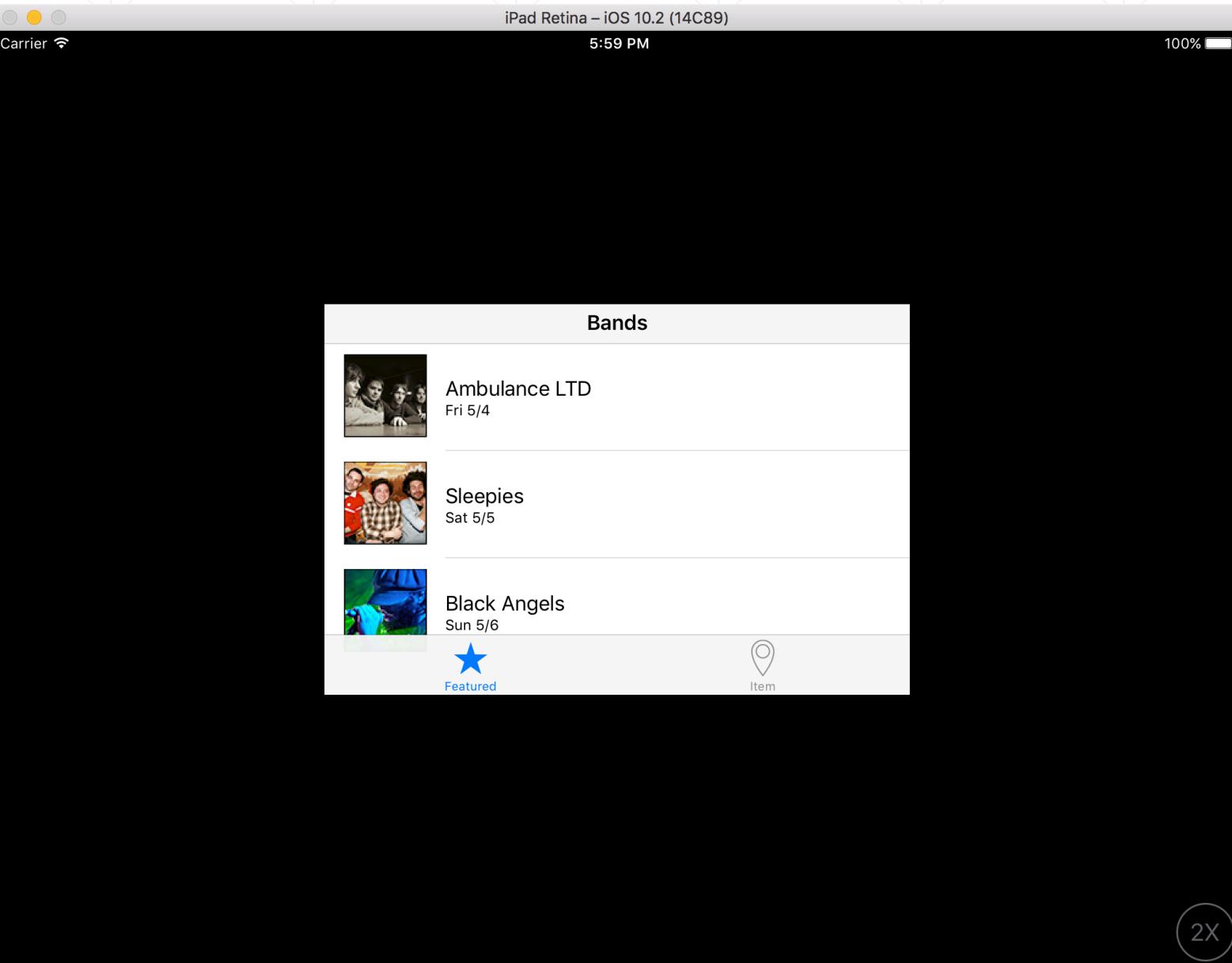
 Sleepies
Sat 5/5

 Black Angels
Sun 5/6

 Featured

 Item

1X



MusicApp

MusicApp

PROJECT Targets

MusicApp

Display Name: MusicApp

Bundle Identifier: com.example.MusicApp

Version: 1.0

Build: 1

No accounts found
Add a developer account to sign your app.
Add Account...

Deployment Target: 10.2

Device: iPhone, iPad

Main Interface: Universal

Device Orientation: Portrait, Landscape Left, Landscape Right

Status Bar Style: Default

App Icons Source: AppIcon

General Capabilities Resource Tags Info Build Settings Build Phases Build Rules

iPad Retina – iOS 10.2 (14C89)

Carrier

11:22 AM

100%

Bands

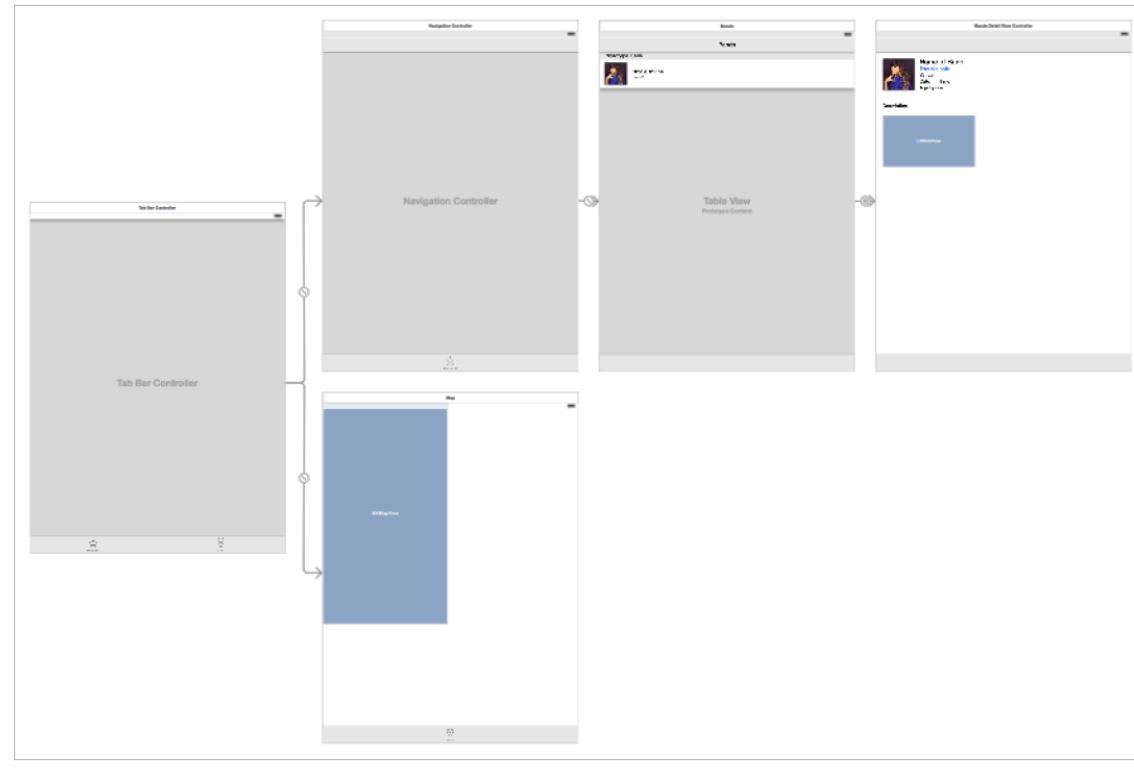
 Nicole Atkins
Tues 5/1

 Ambulance LTD
Fri 5/4

 Sleepies
Sat 5/5

 Black Angels
Sun 5/6

New Storyboard for iPad



Choose a template for your new file:

iOS watchOS tvOS macOS

Filter

Source



Cocoa Touch
Class



UI Test Case
Class



Unit Test Case
Class



Playground



Swift File



Objective-C File



Header File



C File



C++ File



Metal File

User Interface



Storyboard



View



Empty

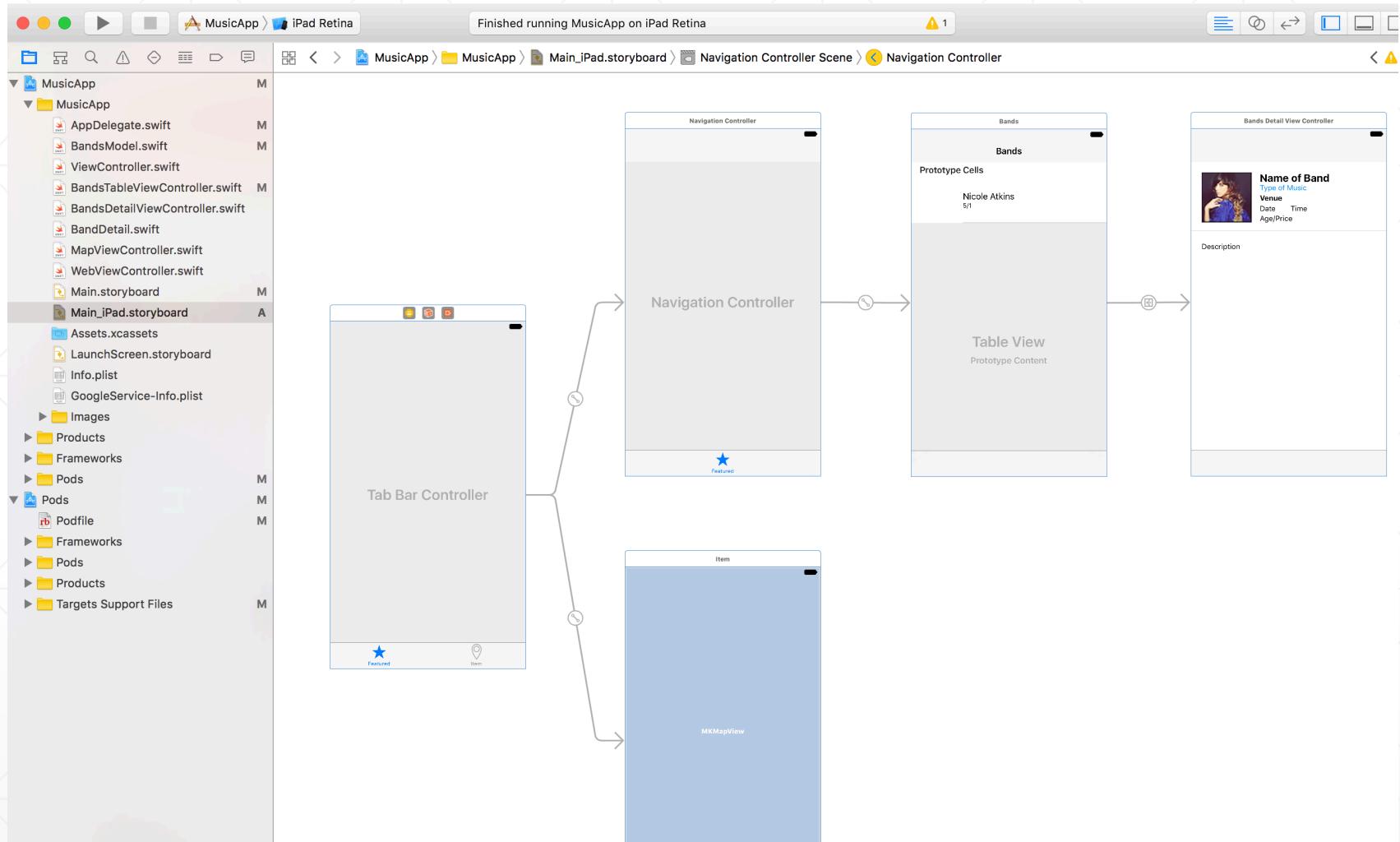


Launch Screen

Cancel

Previous

Next



MusicApp > iPad Retina

Finished running MusicApp on iPad Retina

1

MusicApp > Main_iPad.storyboard > No Selection

```
graph LR; TabBarController[Tab Bar Controller] --> NavigationController[Navigation Controller]; NavigationController --> TableView[Table View]; TableView --> BandsDetailViewController[Bands Detail View Controller]
```

The storyboard diagram illustrates a navigation structure. It begins with a Tab Bar Controller on the left, which has two tabs. The top tab is a Navigation Controller, and the bottom tab is a placeholder view. An arrow points from the Tab Bar Controller to the Navigation Controller. From the Navigation Controller, another arrow points to a Table View. Finally, an arrow points from the Table View to a Bands Detail View Controller on the right.

Identity and Type

Name: Main_iPad.storyboard
Type: Default - Interface Builder...
Location: Relative to Group
Main_iPad.storyboard
Full Path: /Users/User/Desktop/MusicApp/MusicApp/MusicApp/Main_iPad.storyboard

On Demand Resource Tags

Tags:

Interface Builder Document

Opens in: Latest Xcode (8.0)
Builds for: Deployment Target (10.2)
 Use Auto Layout
 Use Trait Variations
 Use as Launch Screen
Global Tint: Default

Localization

Localize...

Target Membership

MusicApp

View Controller - A controller that manages a view.

Storyboard Reference - Provides a placeholder for a view controller in an external storyboard.

Navigation Controller - A controller that manages navigation through a hierarchy of views.

MusicApp > iPad Retina

Finished running MusicApp on iPad Retina

1

MusicApp > Main_iPad.storyboard > No Selection

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graph LR; TabBarController[Tab Bar Controller] --> NavigationController[Navigation Controller]; NavigationController --> TableView[Table View]; TableView --> BandsDetailViewController[Bands Detail View Controller]
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Name: Main_iPad.storyboard
Type: Default - Interface Builder...
Location: Relative to Group
Main_iPad.storyboard
Full Path: /Users/User/Desktop/MusicApp/MusicApp/MusicApp/Main_iPad.storyboard

On Demand Resource Tags

Tags:

Interface Builder Document

Opens in: Latest Xcode (8.0)
Builds for: Deployment Target (10.2)
 Use Auto Layout
 Use Trait Variations
 Use as Launch Screen
Global Tint: Default

Localization

Localize...

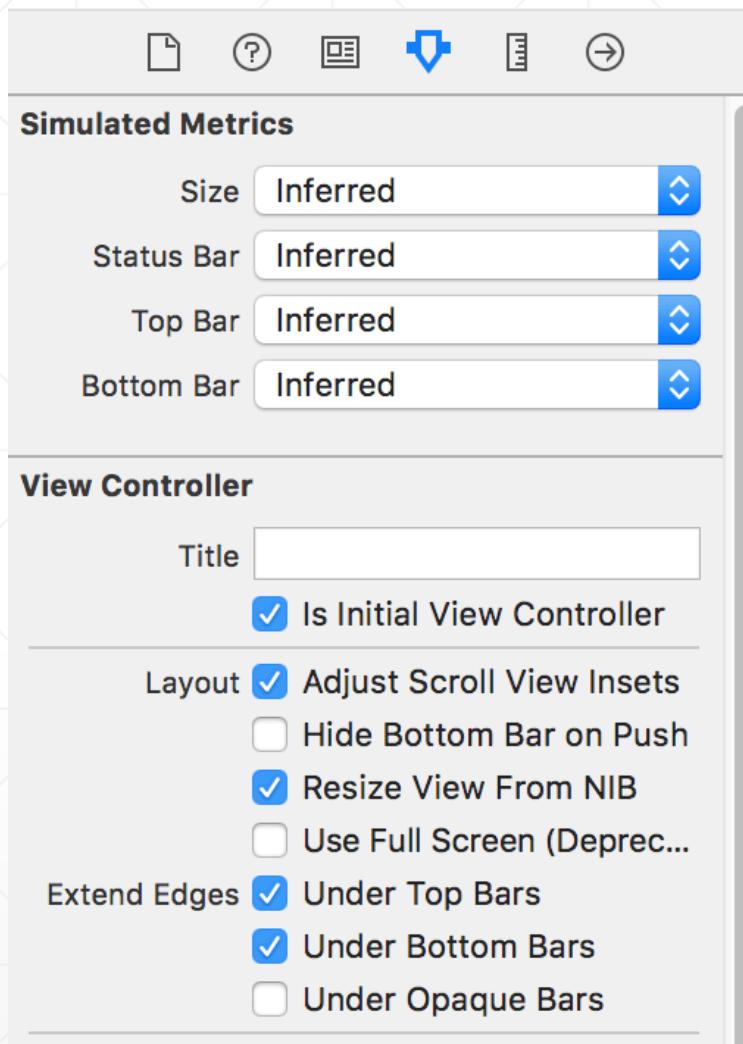
Target Membership

MusicApp

View Controller - A controller that manages a view.

Storyboard Reference - Provides a placeholder for a view controller in an external storyboard.

Navigation Controller - A controller that manages navigation through a hierarchy of views.



▼ Deployment Info

Deployment Target 10.2

Devices iPad

Main Interface Main_iPad.storyboard

Device Orientation Portrait

Upside Down

Landscape Left

Landscape Right

Status Bar Style Hide during application launch

Requires full screen

▼ Deployment Info

Deployment Target **10.2**

Devices **iPhone**

Main Interface **Main**

Device Orientation Portrait

Upside Down

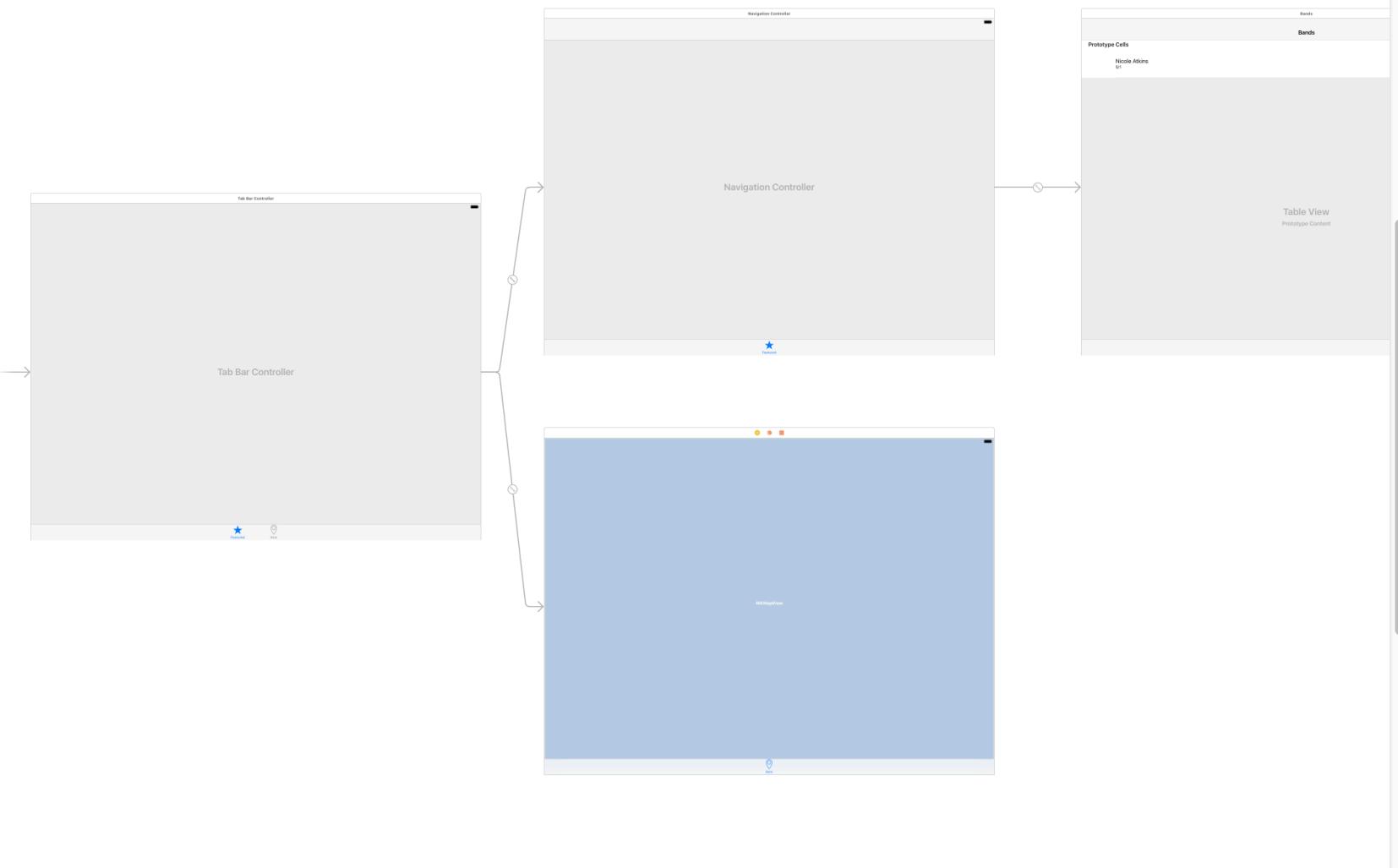
Landscape Left

Landscape Right

Status Bar Style **Default**

Hide status bar

Requires full screen



View as: iPad Pro 12.9" (wR hR)

— 25% +



Carrier



2:40 PM

100%



Bands



Nicole Atkins

Tue 5/1



Ambulance LTD

Fri 5/4



Sleepies

Sat 5/5



Black Angels

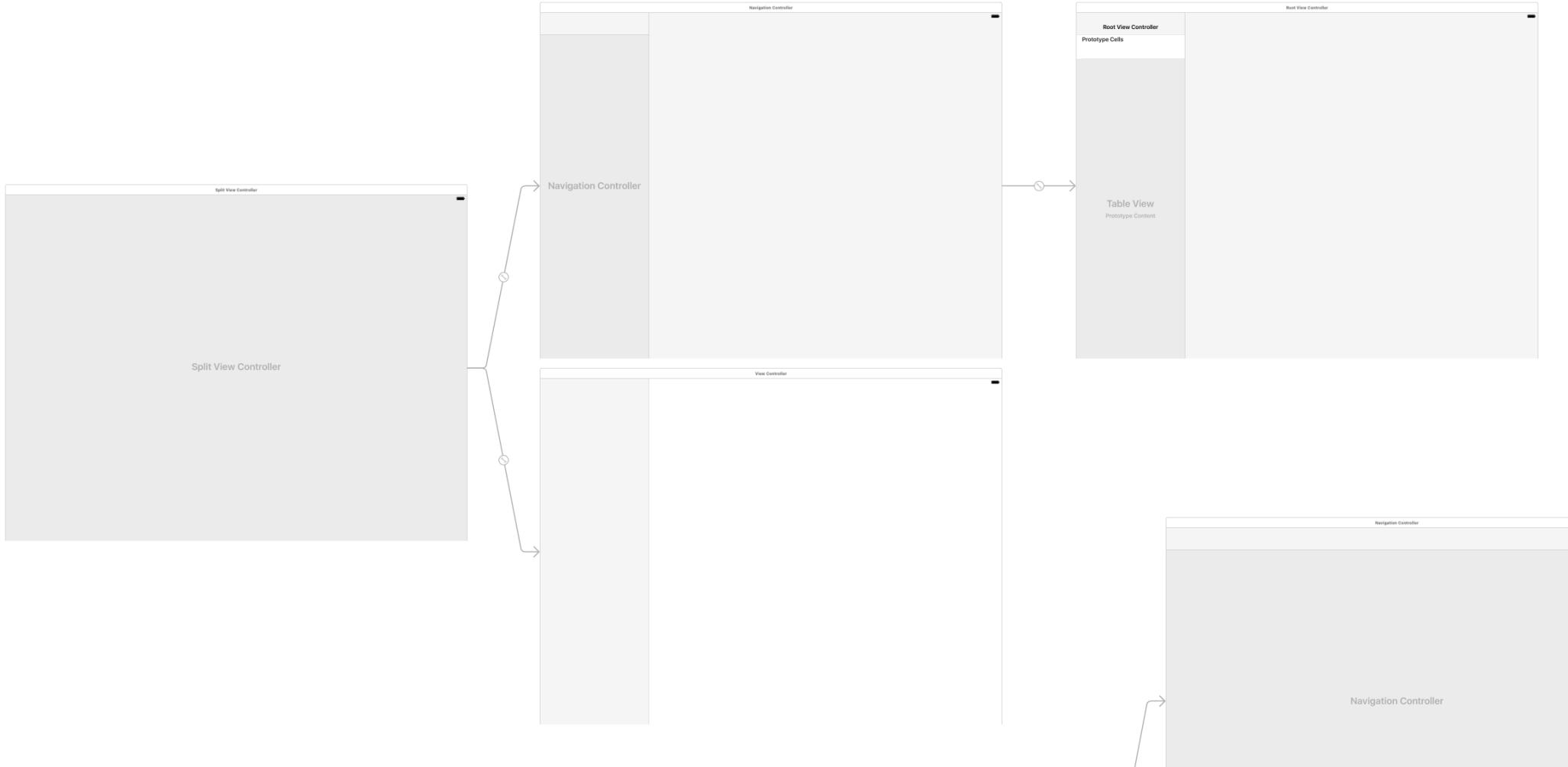
Sun 5/6

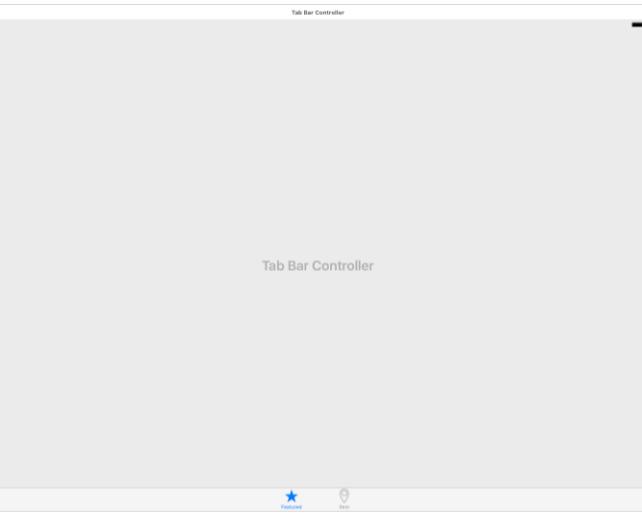
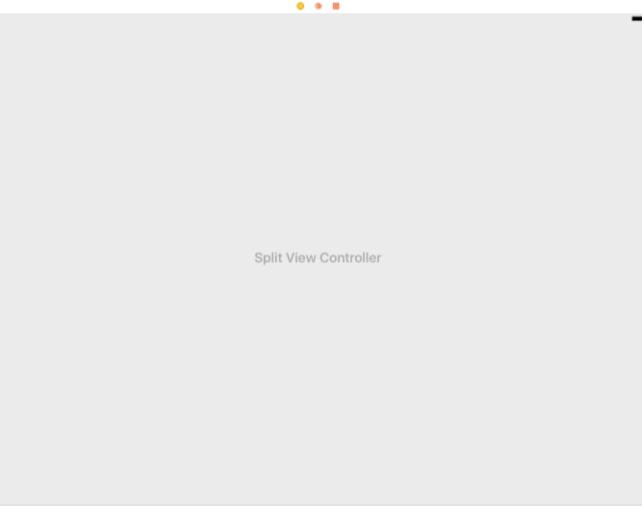


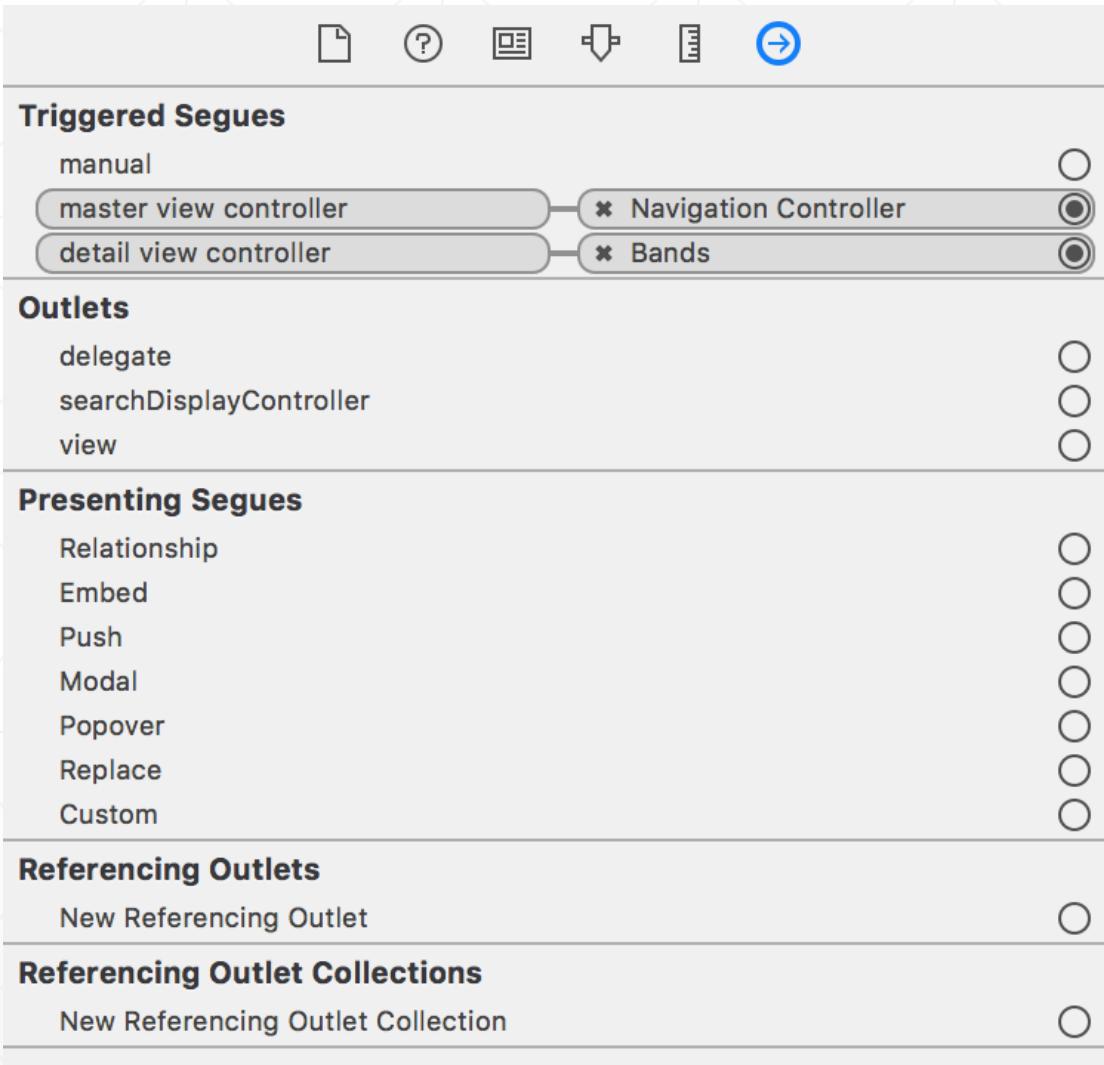
Featured

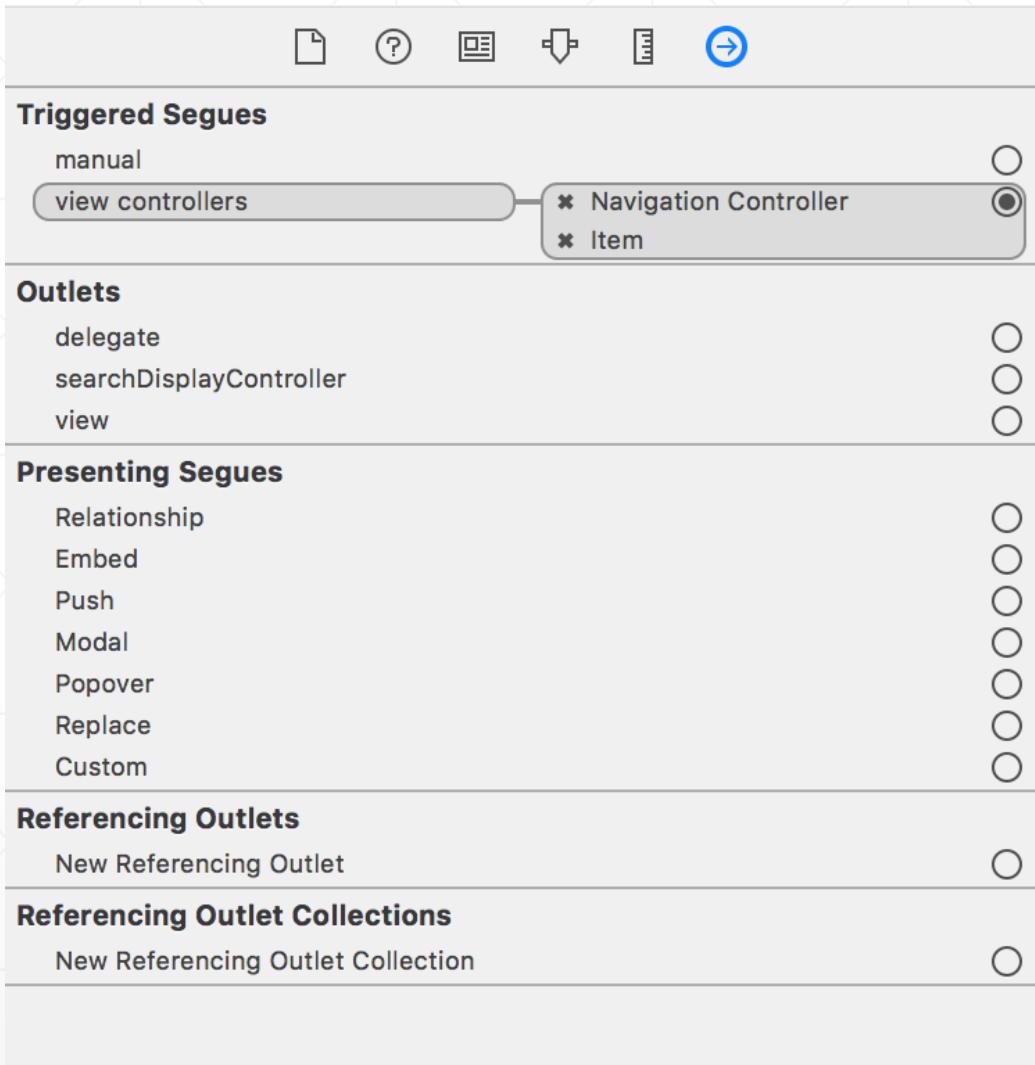


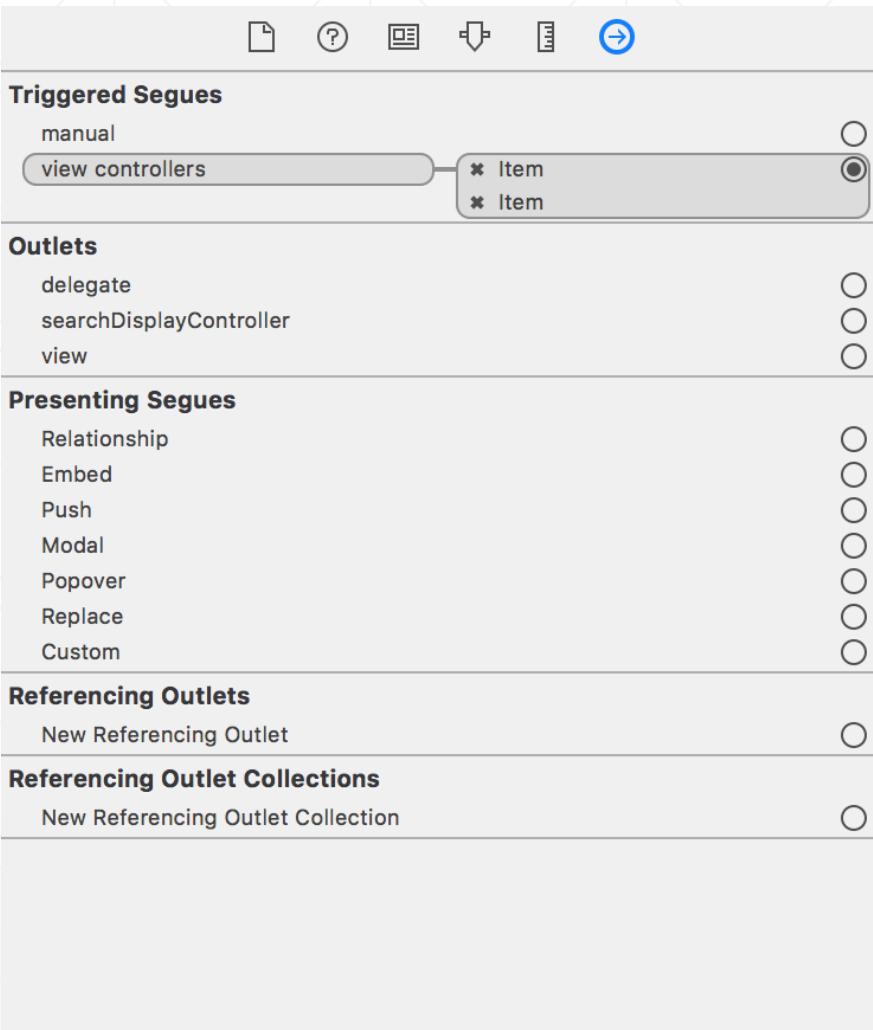
Map

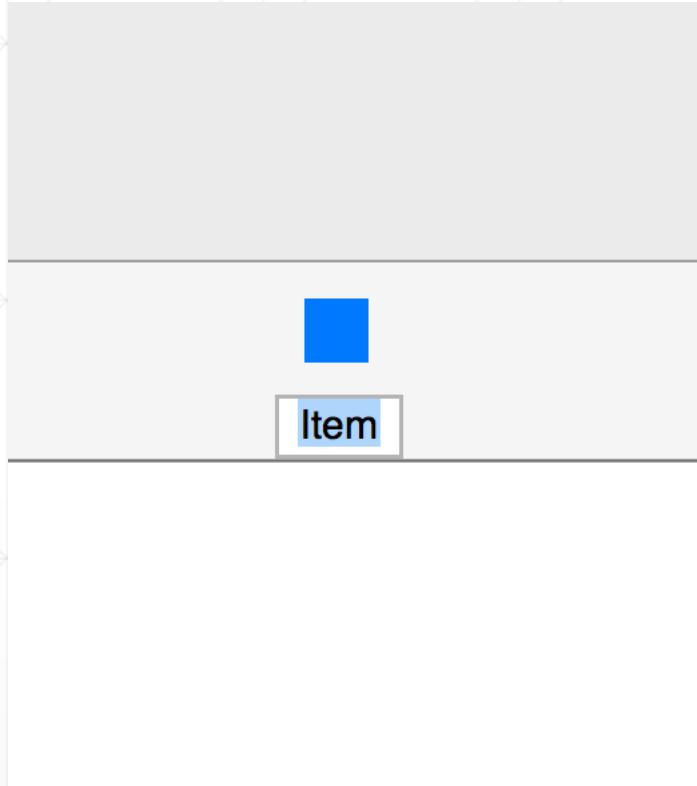












Tab Bar Item

Badge

System Item **Featured**

Selected Image

Title Position Default Position

Bar ItemTitle **Item**

Image

Tag

 Enabled

Featured

iPad Retina – iOS 10.2 (14C89)

Carrier

1:39 PM

100%

Bands

	Name	Date	Image
>	Nicole Atkins	Tues 5/1	
>	Ambulance LTD	Fri 5/4	
>	Sleepies	Sat 5/5	
>	Black Angels	Sun 5/6	

Name of Band
Type of Music
Venue
Date Time
Age/Price

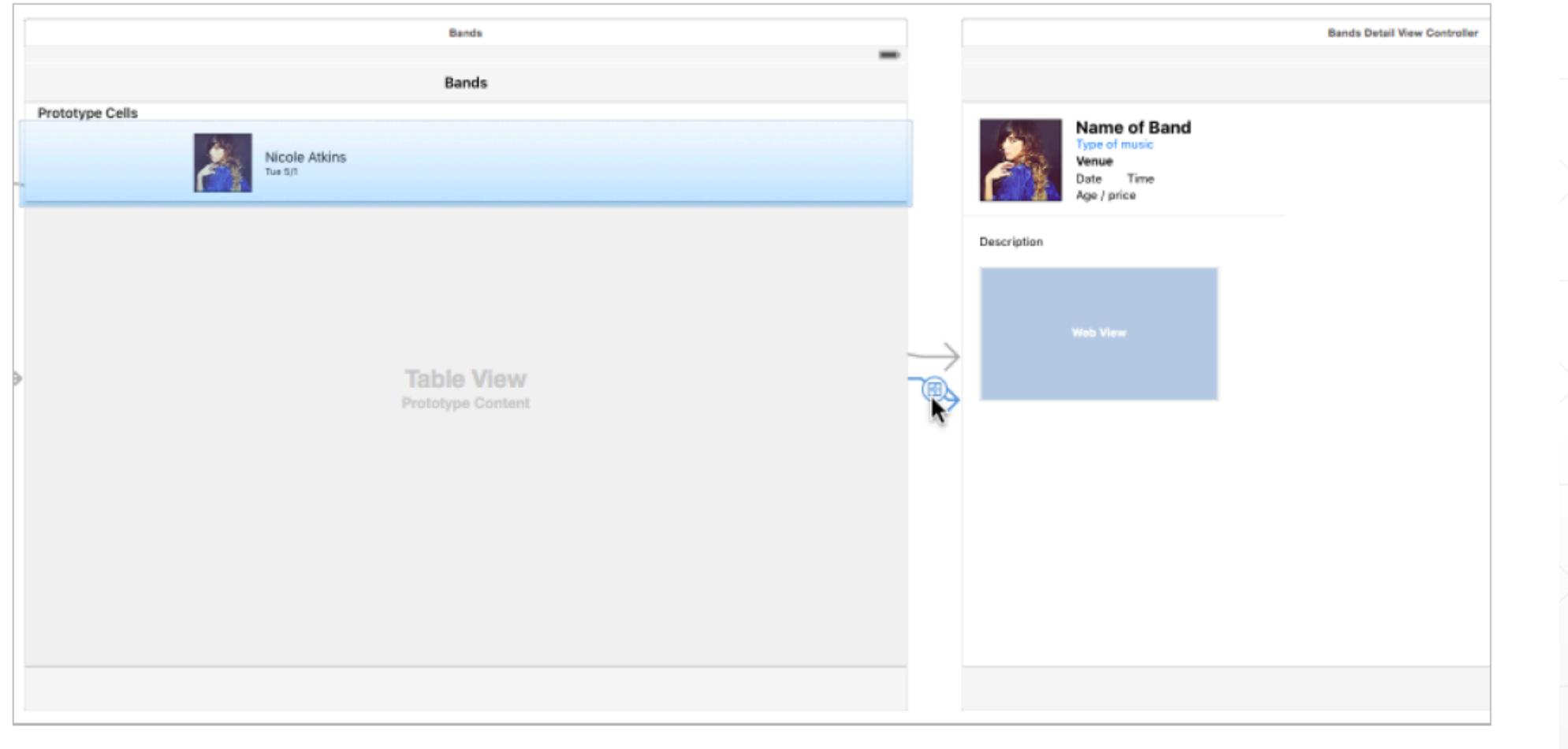
Description

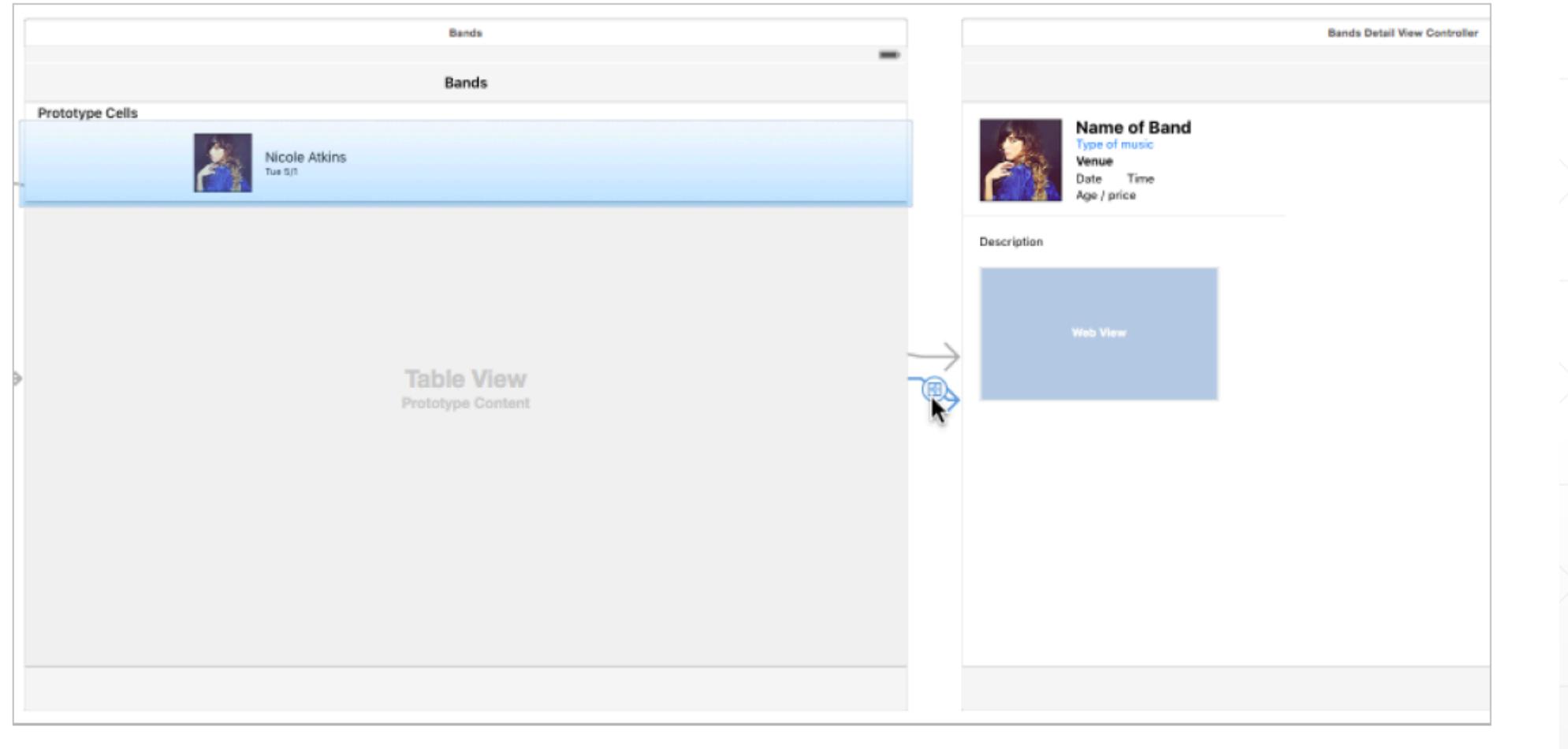


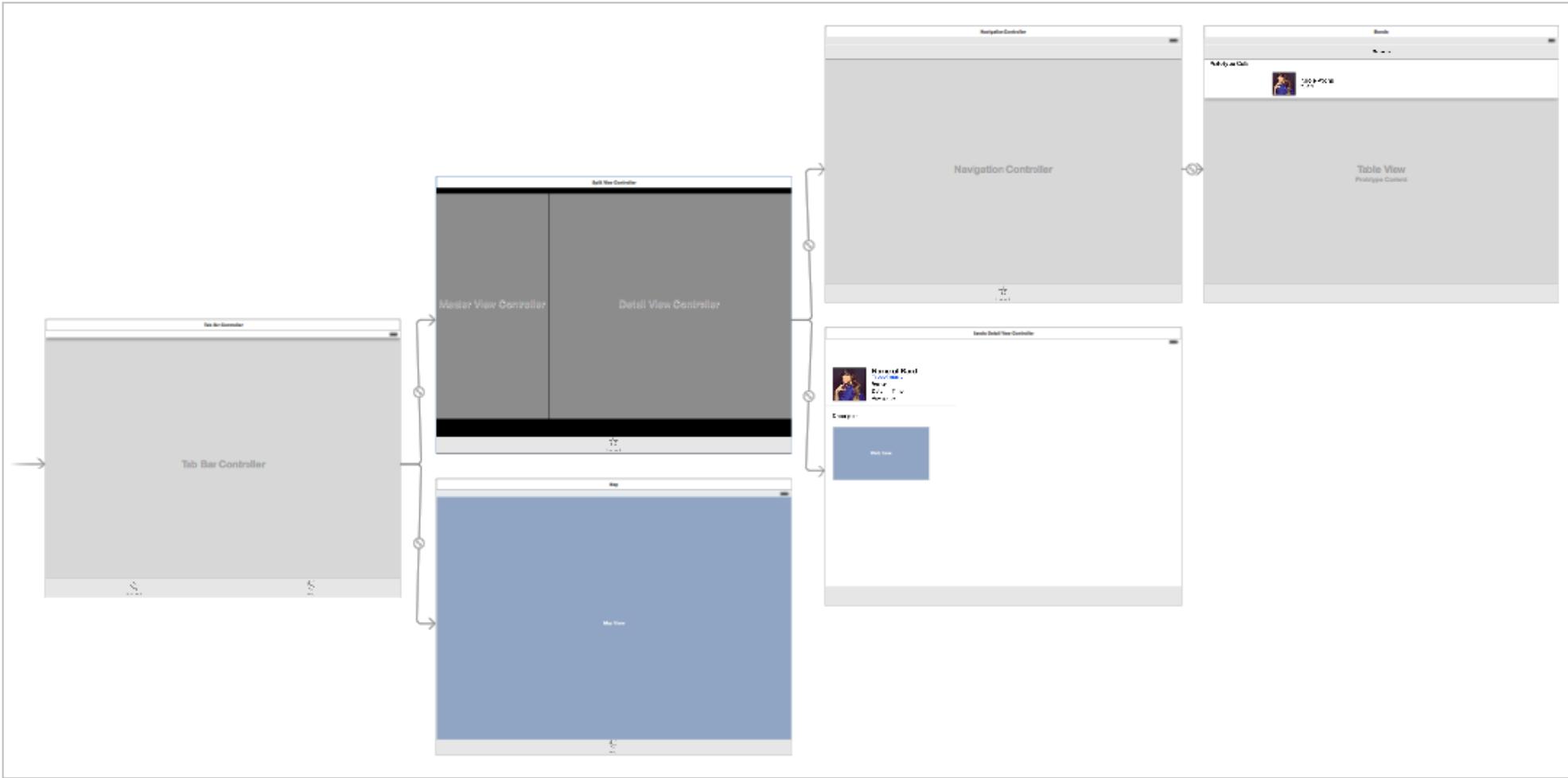
Featured



Item







```
override func prepare(for segue: UIStoryboardSegue, sender: Any?) {  
    // Get the new view controller using segue.destinationViewController.  
    // Pass the selected object to the new view controller.  
  
    if (segue.identifier == "showDetail") {  
        if let indexPath = self.tableView.indexPathForSelectedRow { let  
            bandsDetailViewController:BandsDetailViewController =  
                segue.destination as! BandsDetailViewController  
            let bandDetail = bandsModel.bandDetails[indexPath.row]  
            bandsDetailViewController.currentBandDetail = bandDetail  
        }  
    }  
}
```

// MARK: - Navigation

```
override func tableView(_ tableView: UITableView, didSelectRowAt indexPath: IndexPath) {  
}
```

// MARK: - Navigation

```
override func tableView(_ tableView: UITableView, didSelectRowAt indexPath: IndexPath) {  
    if (UIDevice.current.model.range(of: "iPad") != nil) {  
    }  
}
```

```
let bandsModel = BandsModel()
```

```
var detailViewController:BandsDetailViewController!
```

```
override func viewDidLoad() {
```



Choose a template for your new file:

iOS

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Filter

Source



Cocoa Touch
Class



UI Test Case
Class



Unit Test Case
Class



Playground



Swift File



Objective-C File



Header File



C File



C++ File



Metal File

User Interface



Storyboard



View



Empty



Launch Screen

Cancel

Previous

Next

MusicApp > MusicApp > Main_iPad.storyboard > Item Scene > Item

Custom Class
Class: MySplitViewController
Module: Current – MusicApp

Identity
Storyboard ID: []
Restoration ID: []
 Use Storyboard ID

User Defined Runtime Attributes
Key Path | Type | Value

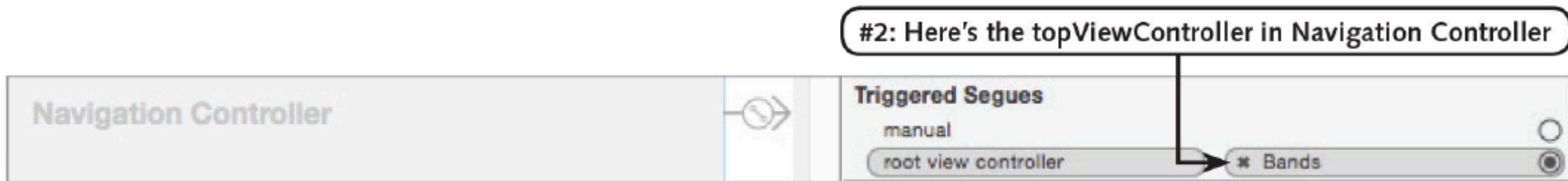
+ -

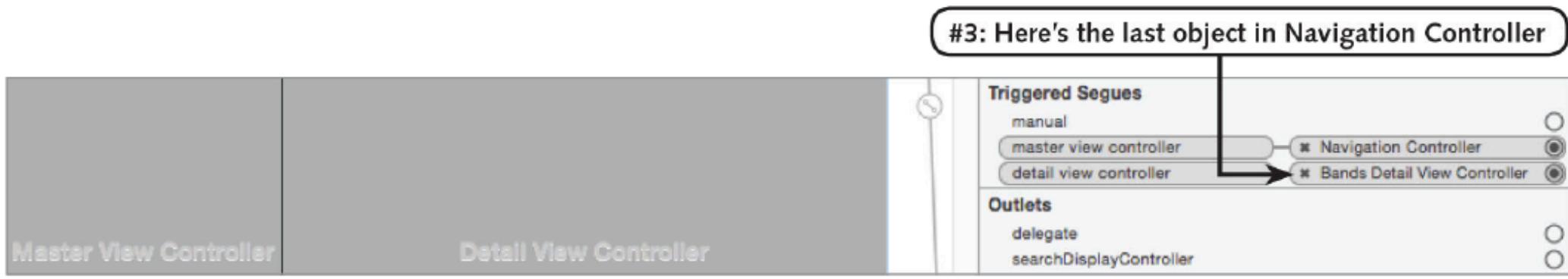
Document
Label: Xcode Specific Label
Object ID: xwm-Y3-IO2
Lock: Inherited - (Nothing)
Notes: []
No Font
Comment For Localizer

Split View Controller

Featured

```
class MySplitViewController: UISplitViewController {  
  
    override func viewDidLoad() {  
        super.viewDidLoad()  
  
        let leftNavController = self.viewControllers.first as! UINavigationController  
        let masterViewController = leftNavController.topViewController as! BandsTableViewController  
        let detailViewController = self.viewControllers.last as! BandsDetailViewController  
        masterViewController.detailViewController = detailViewController  
  
    }  
}
```





// MARK: - Navigation

```
override func tableView(_ tableView: UITableView, didSelectRowAt indexPath: IndexPath) {  
    if (UIDevice.current.model.range(of: "iPad") != nil) {  
        let bandDetail = bandsModel.bandDetails[indexPath.row]  
    }  
}
```

```
// bandNameLabel.text = currentBandDetail?.bandName
// bandTypeLabel.text = currentBandDetail?.bandType
// venueLabel.text = currentBandDetail?.venue
// showDateLabel.text = currentBandDetail?.nextShowDate
// showTimeLabel.text = currentBandDetail?.nextShowTime
// showDetailsLabel.text = currentBandDetail?.showDetails
// bandDescriptionLabel.text = currentBandDetail?.bandDescription
// bandImage.image = UIImage(named: currentBandDetail!.fullImageName!)

//
//         var htmlString = "<html><body><iframe style=\"position:absolute; top: 0; left:0; width:100%; height:100%;\" src=\"\\"\\(currentBandDetail!.videoURL!)\\\" allowfullscreen></iframe></body></html>"
//
//         videoWebView.loadHTMLString(htmlString, baseURL: nil);
```

```
func refreshView() {  
    bandNameLabel.text = currentBandDetail?.bandName  
    bandTypeLabel.text = currentBandDetail?.bandType  
    venueLabel.text = currentBandDetail?.venue  
    showDateLabel.text = currentBandDetail?.nextShowDate  
    showTimeLabel.text = currentBandDetail?.nextShowTime  
    showDetailsLabel.text = currentBandDetail?.showDetails  
    bandDescriptionLabel.text = currentBandDetail?.bandDescription  
    bandImage.image = UIImage(named: currentBandDetail!.fullImageName!)  
  
    var htmlString = "<html><body><iframe style=\"position: absolute; top:0;  
left:0; width:100%; height:100%;\" src=\"\\"(currentBandDetail!.videoURL!)\"  
allowfullscreen></iframe></body></html>"  
  
    videoWebView.loadHTMLString(htmlString, baseURL: nil)  
}
```

```
override func viewDidLoad() {  
    super.viewDidLoad()  
  
    if (UIDevice.current.model.range(of: "iPad") == nil) {  
        self.refreshView()  
    }  
}
```



```
if (UIDevice.currentDevice().model.rangeOfString("iPad") != nil) {  
    var bandDetail = bandsModel.bandDetails[indexPath.row]  
    detailViewController.currentBandDetail = bandDetail  
    detailViewController.refreshView()  
}
```

Carrier

iPad Retina – iOS 10.2 (14C89) 4:46 PM 100%

Bands

	Nicole Atkins Tues 5/1	>
	Ambulance LTD Fri 5/4	>
	Sleepies Sat 5/5	>
	Black Angels Sun 5/6	>

Nicole Atkins

Rock
Bowery Ballroom
Tues 5/1 8pm
All ages - \$18

Nicole will knock your socks off.

Nicole Atkins - "Promised La...