

Preview File Edit View Go Tools Window Help

coder-swag: Ready | Today at 4:00 PM

coder-swag > coder-swag > CategoriesVC.swift > CategoriesVC

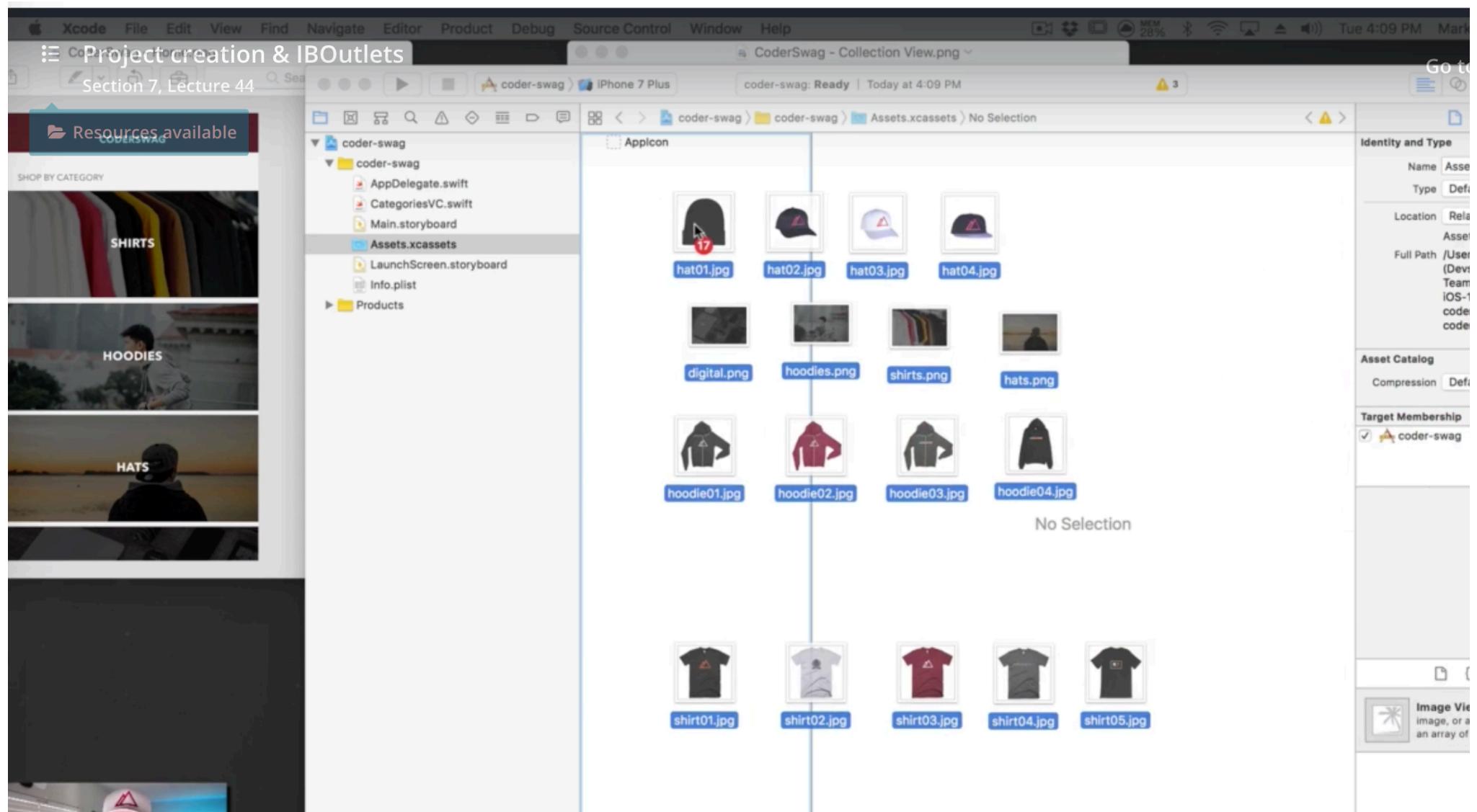
The image shows a Mac desktop with two windows open. On the left is a Finder window titled 'CoderSwag - Home.png' containing three categories: 'SHIRTS', 'HOODIES', and 'HATS'. On the right is a Xcode editor showing the 'CategoriesVC.swift' file. The code is as follows:

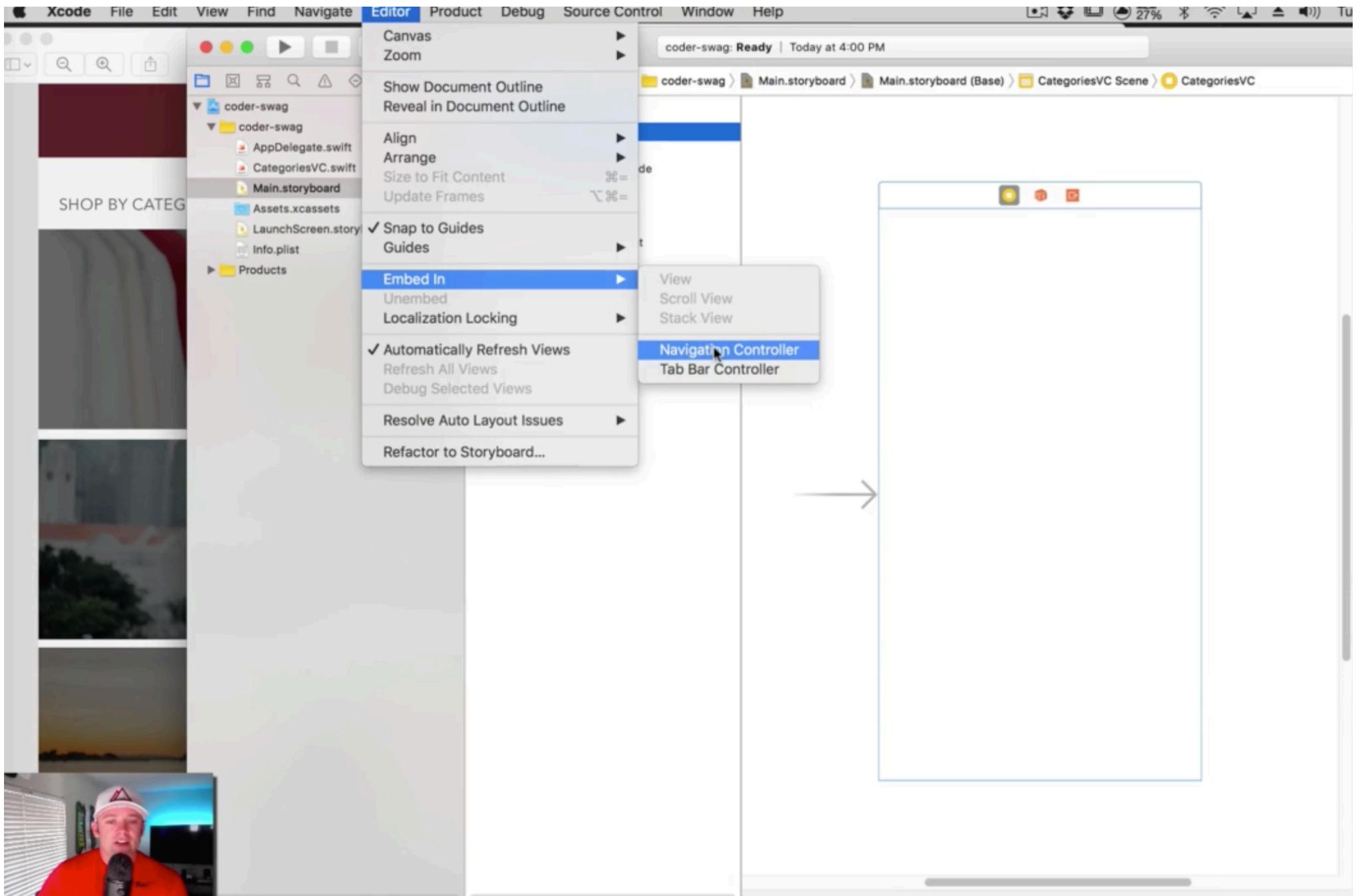
```
import UIKit

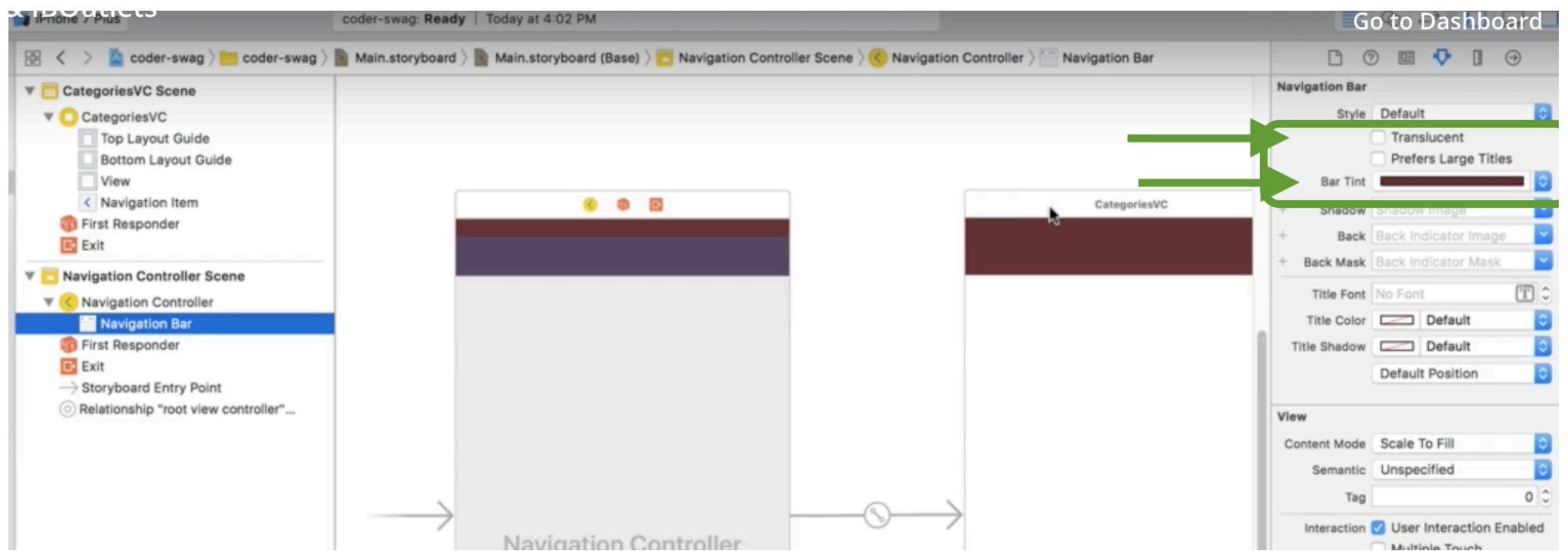
class CategoriesVC: UIViewController {

    override func viewDidLoad() {
        super.viewDidLoad()
        // Do any additional setup after loading the view,
        // typically from a nib.
    }

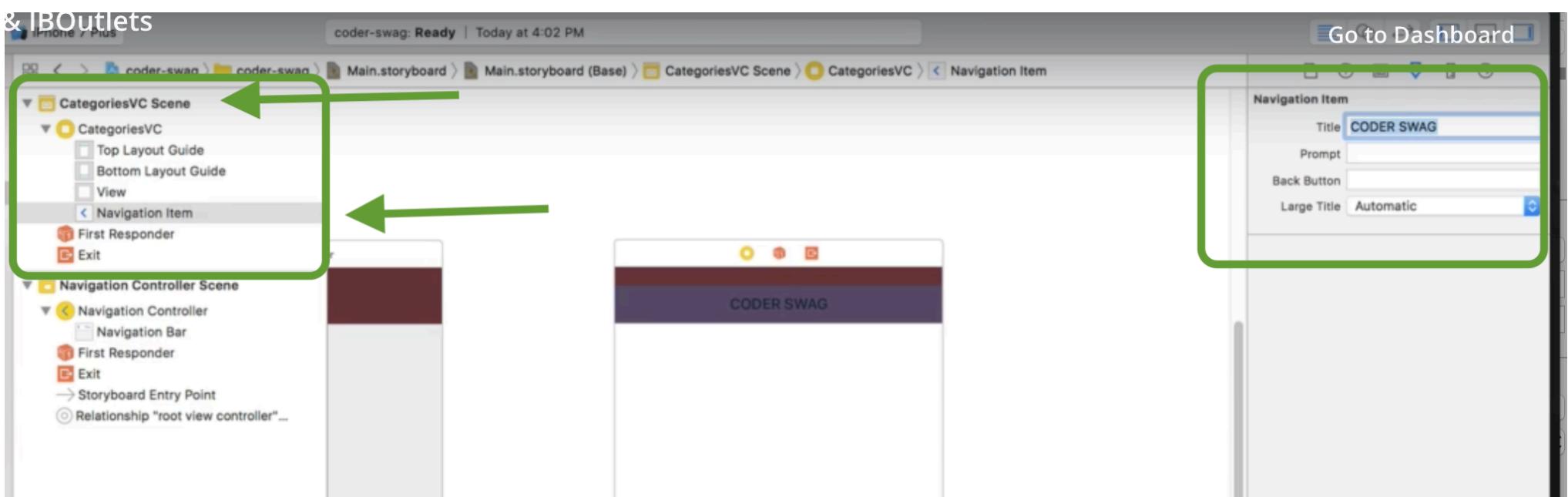
    override func didReceiveMemoryWarning() {
        super.didReceiveMemoryWarning()
        // Dispose of any resources that can be recreated.
    }
}
```

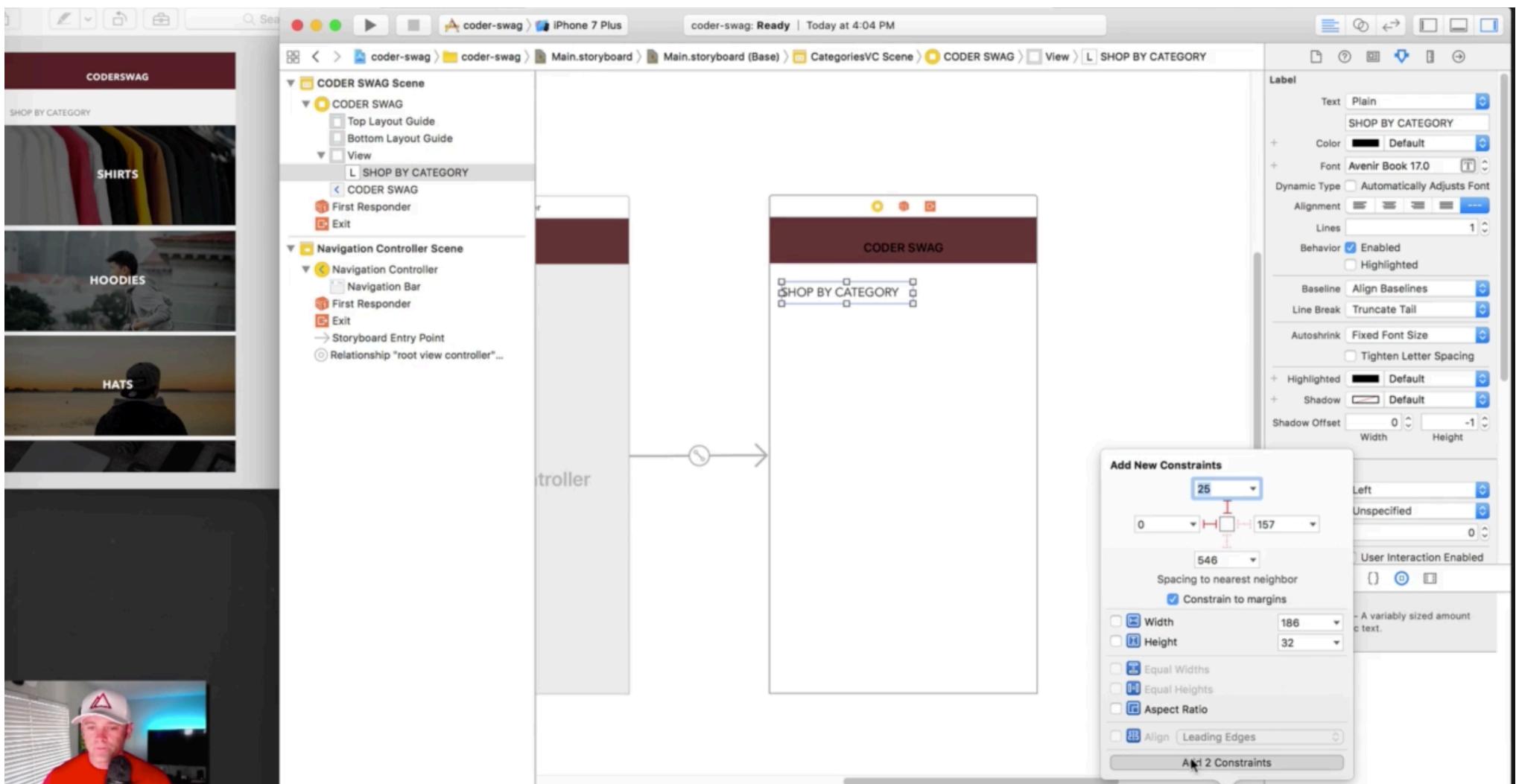


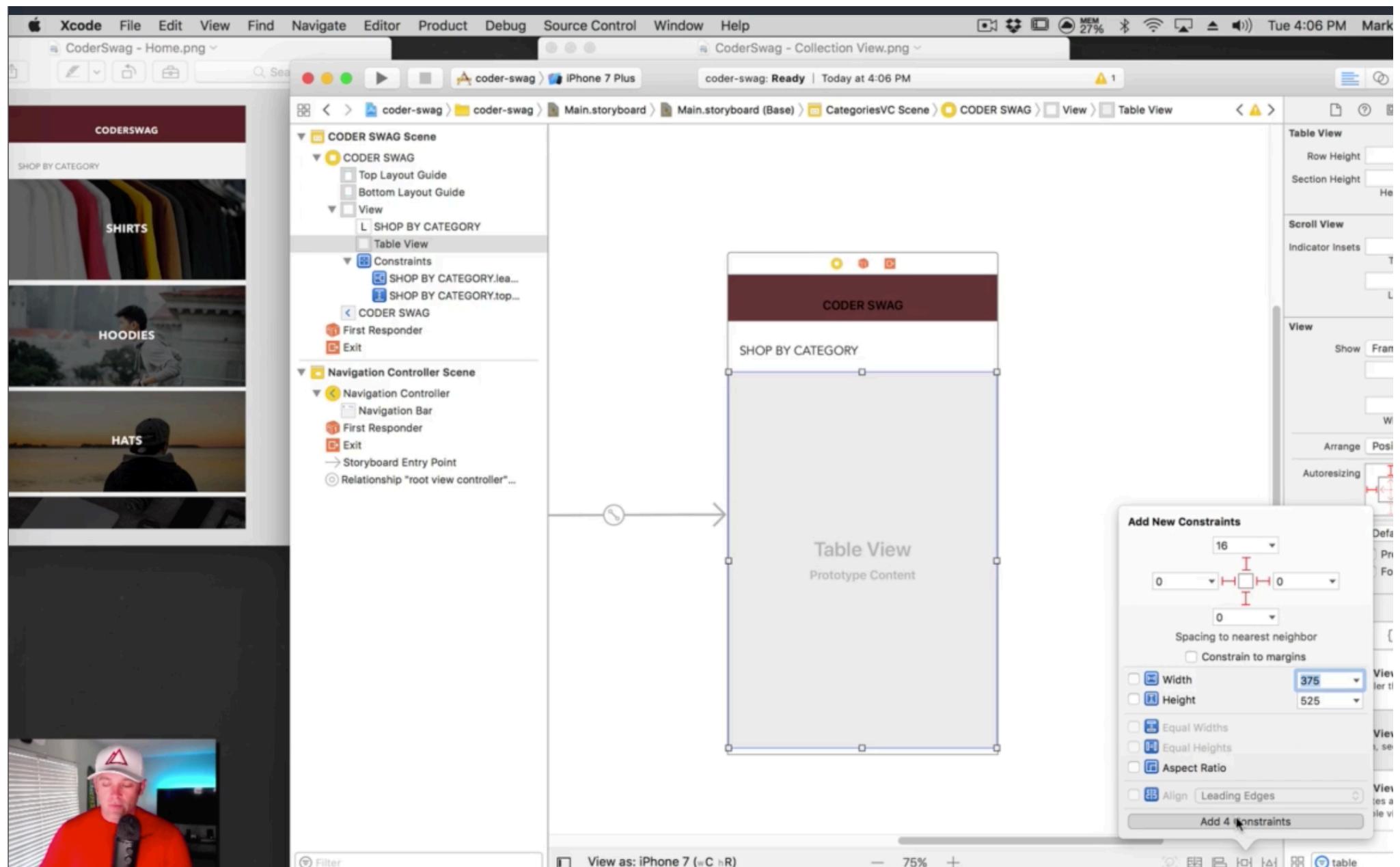




& IBOutlets







tionality may be limited.

Report a Bug

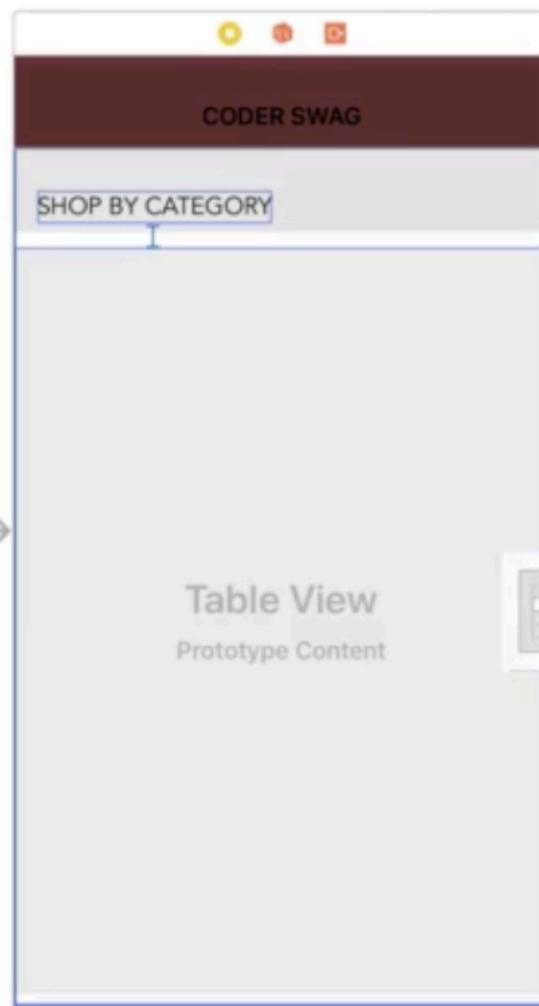


Table View Cell - Defines the attributes and behavior of cells (rows) in a table view.

No Selection



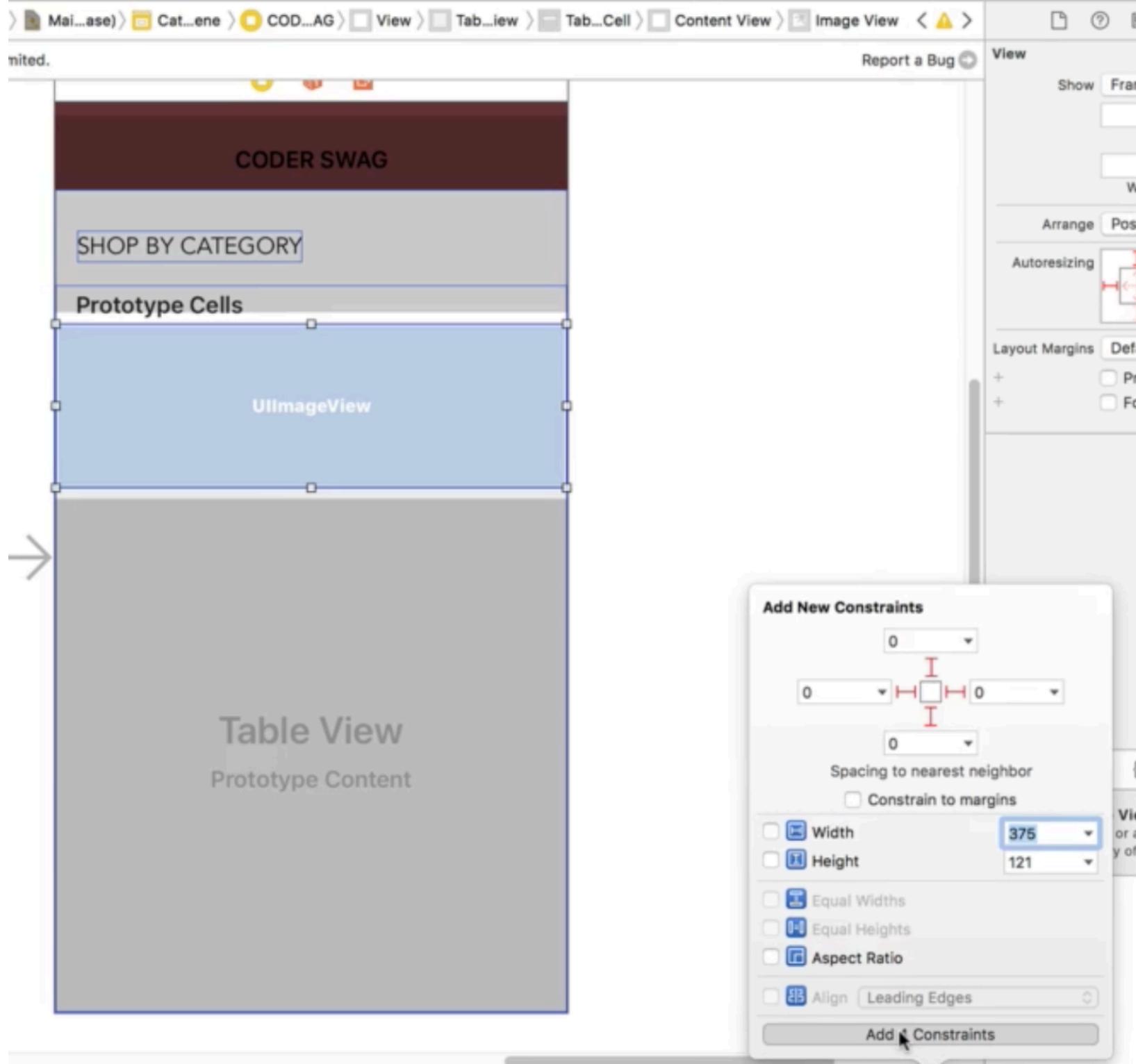
Table View Controller - A controller that manages a table view.

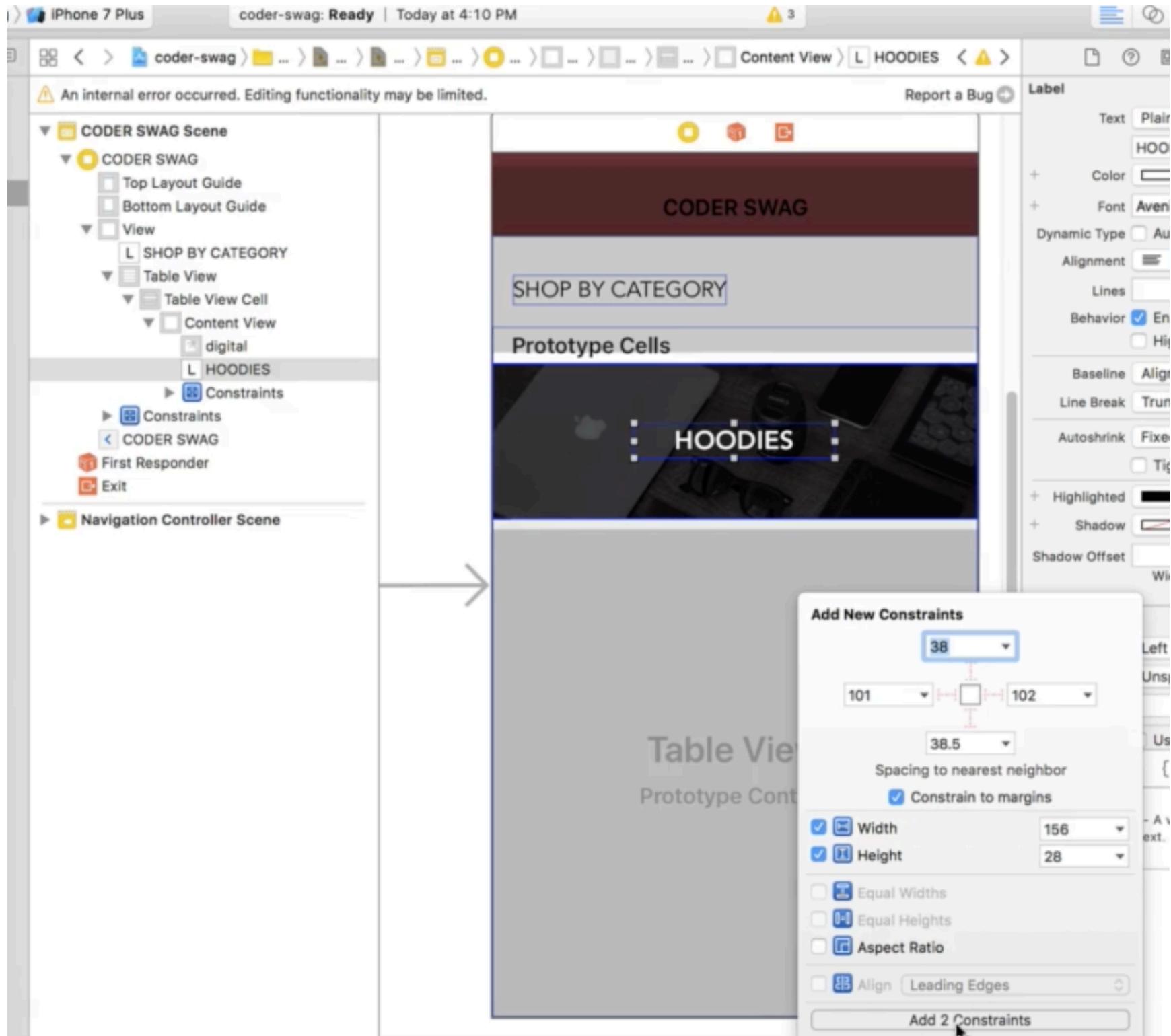


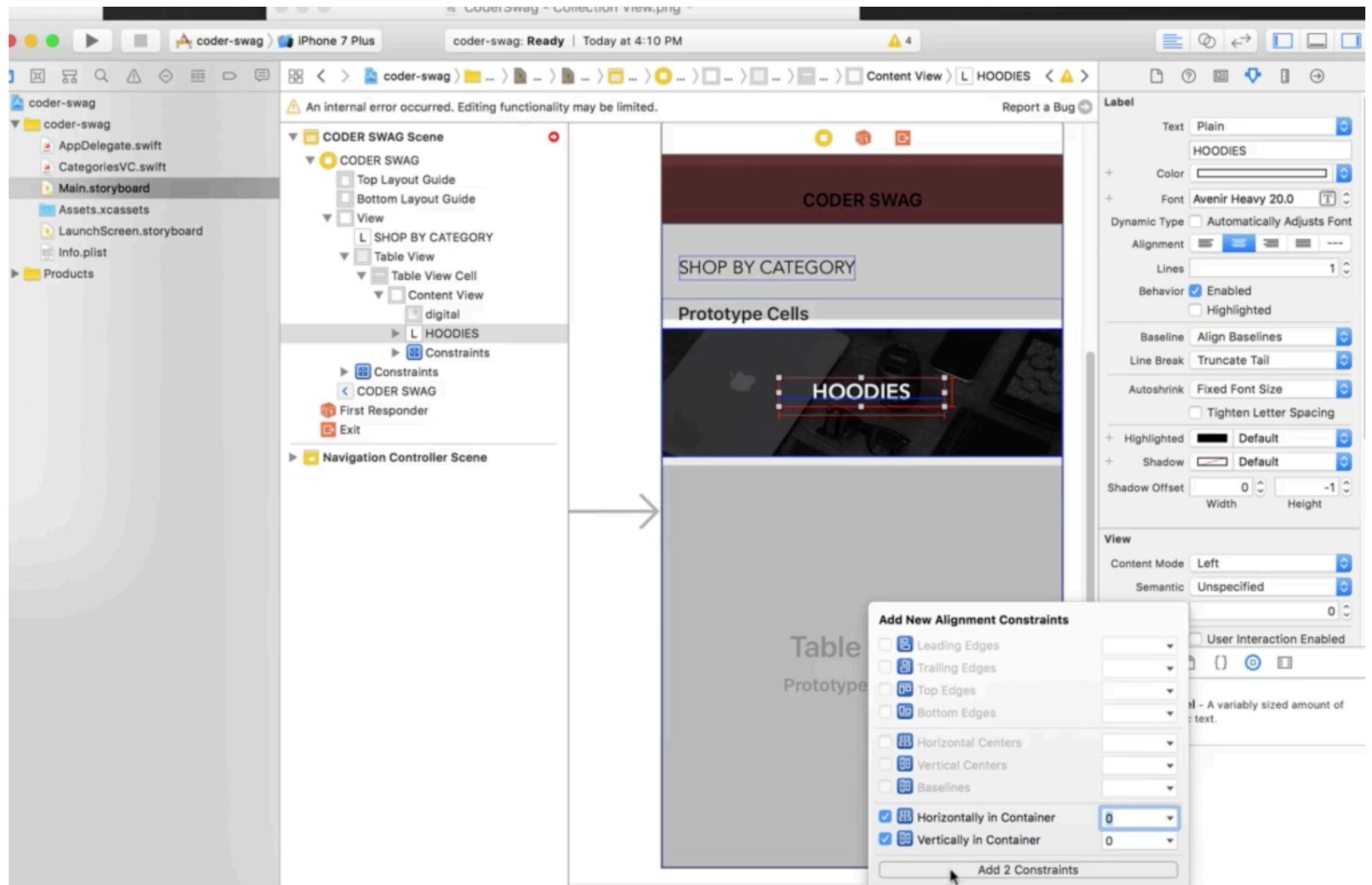
Table View - Displays data in a list of plain, sectioned, or grouped rows.

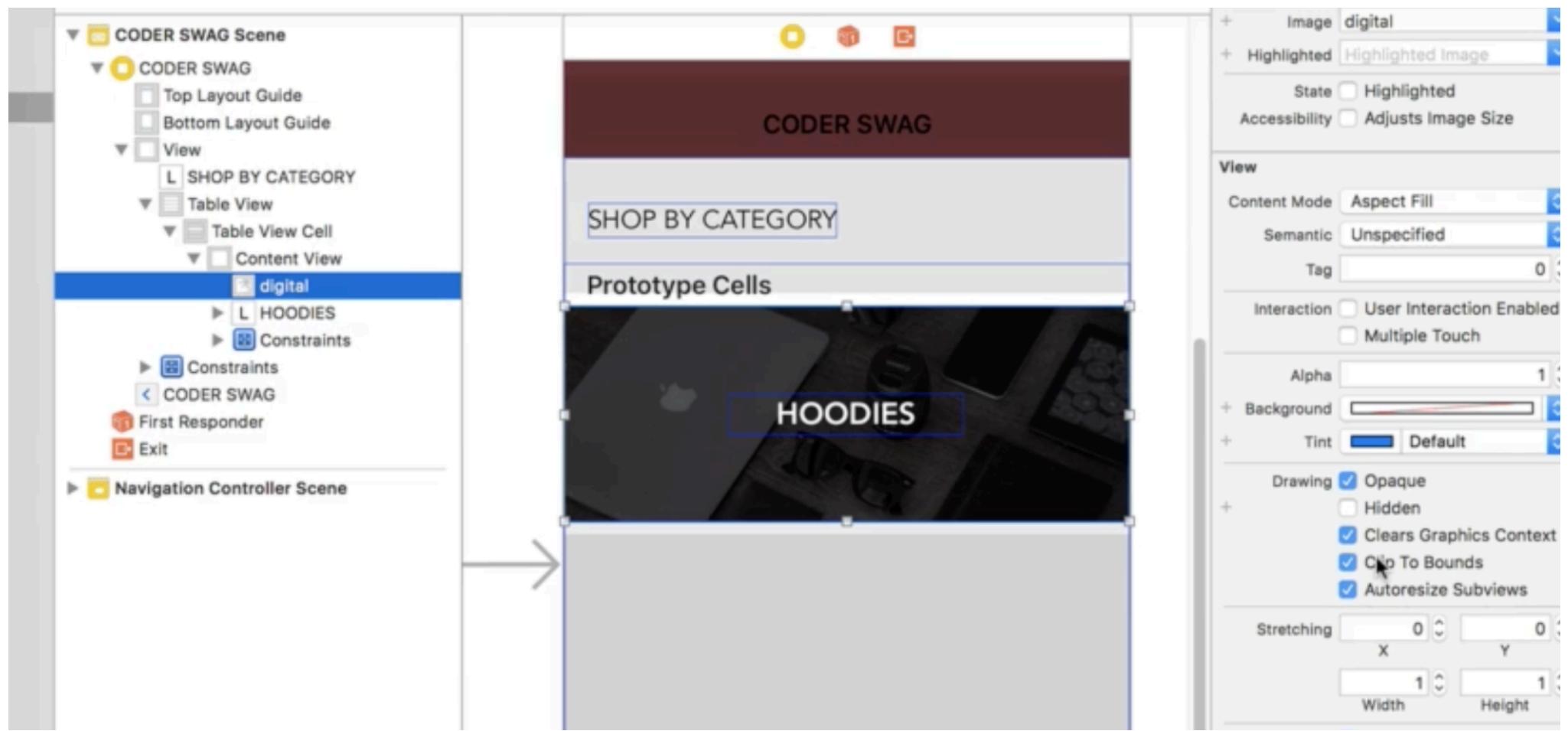


Table View Cell - Defines the attributes and behavior of cells (rows) in a table view.











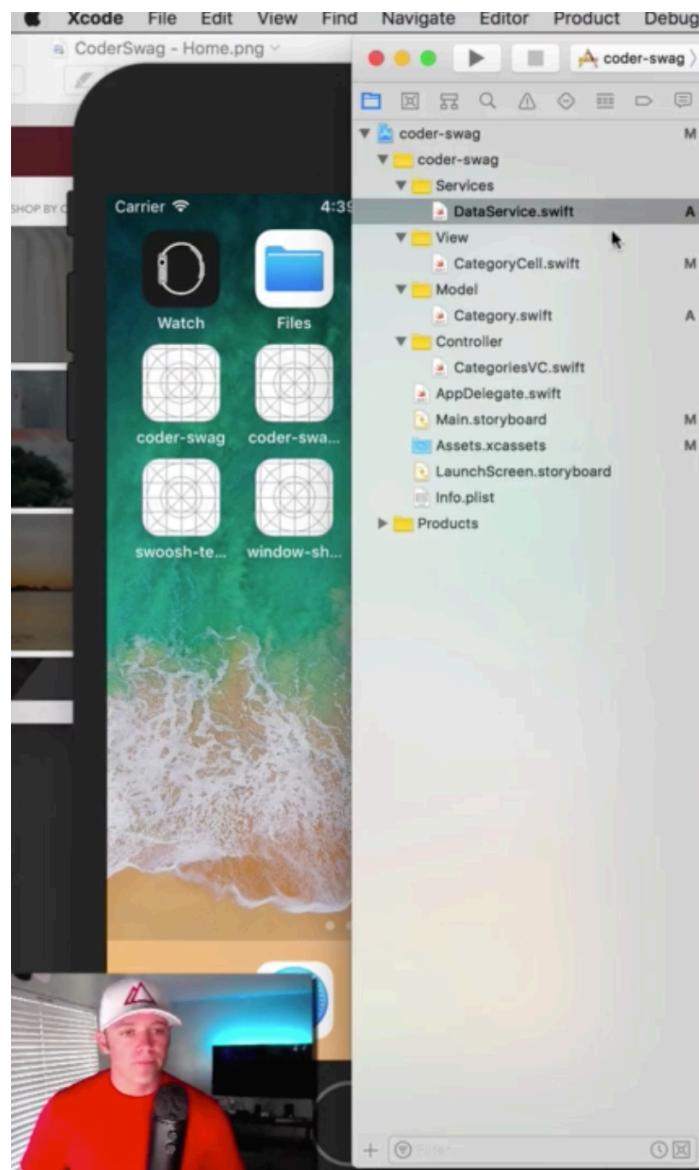
Finished running coder-swag on iPhone 7

6



```
coder-swag
 (coder-swag)
    View
      CategoryCell.swift
    Model
      Category.swift
    Controller
      CategoriesVC.swift
      AppDelegate.swift
      Main.storyboard
      Assets.xcassets
      LaunchScreen.storyboard
      Info.plist
Products
```

1 //
2 // Category.swift
3 // coder-swag
4 //
5 // Created by Mark Price on 6/27/17.
6 // Copyright © 2017 Devslopes. All rights reserved.
7 //
8
9 import Foundation
10
11 struct Category {
12 private(set) public var title: String
13 private(set) public var imageName: String
14
15 init(title: String, imageName: String) {
16 self.title = title
17 self.imageName = imageName
18 }
19 }
20



Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help

CoderSwag - Home.png

coder-swag iPhone 7

Finished running coder-swag on iPhone 7

coder-swag Services DataService.swift getCategories()

```
// DataService.swift
// coder-swag
//
// Created by Mark Price on 6/27/17.
// Copyright © 2017 Devslopes. All rights reserved.

import Foundation
class DataService {
    static let instance = DataService()

    private let categories = [
        Category(title: "SHIRTS", imageName: "shirts.png"),
        Category(title: "HOODIES", imageName: "hoodies.png"),
        Category(title: "HATS", imageName: "hats.png"),
        Category(title: "DIGITAL", imageName: "digital.png")
    ]

    func getCategories() -> [Category] {
        return categories
    }
}
```

The screenshot shows the Xcode interface with the following details:

- File Navigator:** Shows the project structure for "coder-swag". The "CategoryCell.swift" file is selected.
- Editor:** Displays the code for "CategoryCell.swift".
- Document Outline:** Shows the file tree with "CategoryCell.swift" highlighted.
- Top Bar:** Includes "Edit View Find Navigate Editor Product Debug Source Control Window Help" menus, battery level (39%), signal strength, and the date/time (Tue 4:45 PM).

```
1 //  
2 // CategoryCell.swift  
3 // coder-swag  
4 //  
5 // Created by Mark Price on 6/27/17.  
6 // Copyright © 2017 Devslopes. All rights reserved.  
7 //  
8  
9 import UIKit  
10  
11 class CategoryCell: UITableViewCell {  
12  
13     @IBOutlet weak var categoryImage: UIImageView!  
14     @IBOutlet weak var categoryTitle: UILabel!  
15  
16     func updateViews(category: Category) {  
17         categoryImage.image = UIImage(named: category.imageName)  
18         categoryTitle.text = category.title  
19     }  
20  
21 }  
22
```

The screenshot shows the Xcode IDE with the 'coder-swag' project open. The current file is 'CategoriesVC.swift'. The code implements a UITableViewController, UITableViewDataSource, and UITableViewDelegate. It defines outlets for the table view and sets up data source and delegate methods. The preview window on the left shows a mobile application interface with a dark header 'CODERSWAG', a sidebar with 'SHOP BY CATEGORY' and three categories ('SHIRTS', 'HOODIES', 'HATS'), and a main content area with a beach scene.

```
10
11 class CategoriesVC: UIViewController, UITableViewDataSource, UITableViewDelegate {
12
13     @IBOutlet weak var categoryTable: UITableView!
14
15     override func viewDidLoad() {
16         super.viewDidLoad()
17         categoryTable.dataSource = self
18         categoryTable.delegate = self
19     }
20
21
22     func tableView(_ tableView: UITableView, numberOfRowsInSection section: Int) -> Int {
23         return DataService.instance.getCategories().count
24     }
25
26     func tableView(_ tableView: UITableView, cellForRowAt indexPath: IndexPath) -> UITableViewCell {
27         if let cell = tableView.dequeueReusableCell(withIdentifier: "CategoryCell") as? CategoryCell {
28             let category = DataService.instance.getCategories()[indexPath.row]
29             cell.updateViews(category: category)
30             return cell
31         } else {
32             return CategoryCell()
33         }
34     }
35
36 }
```