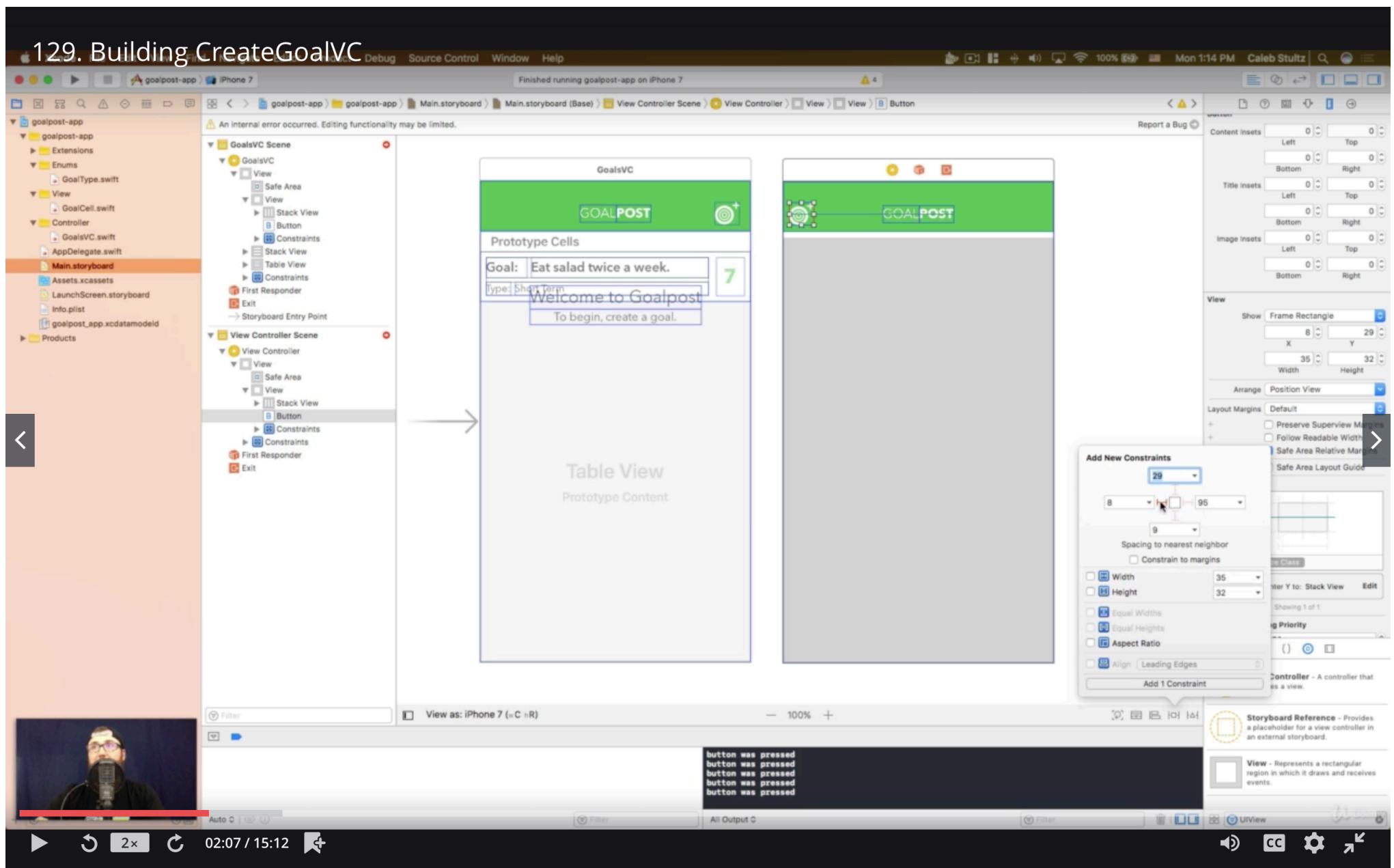
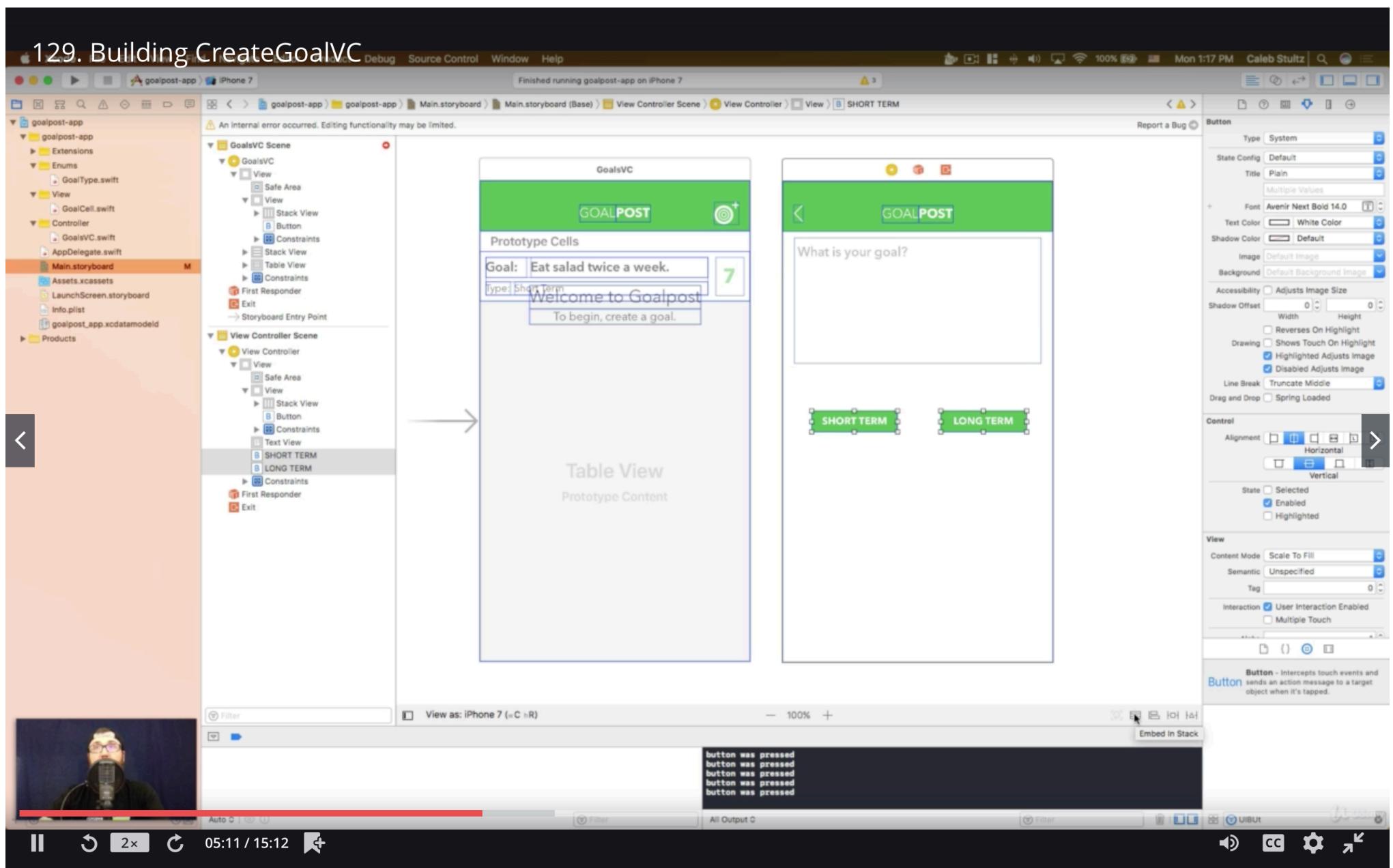


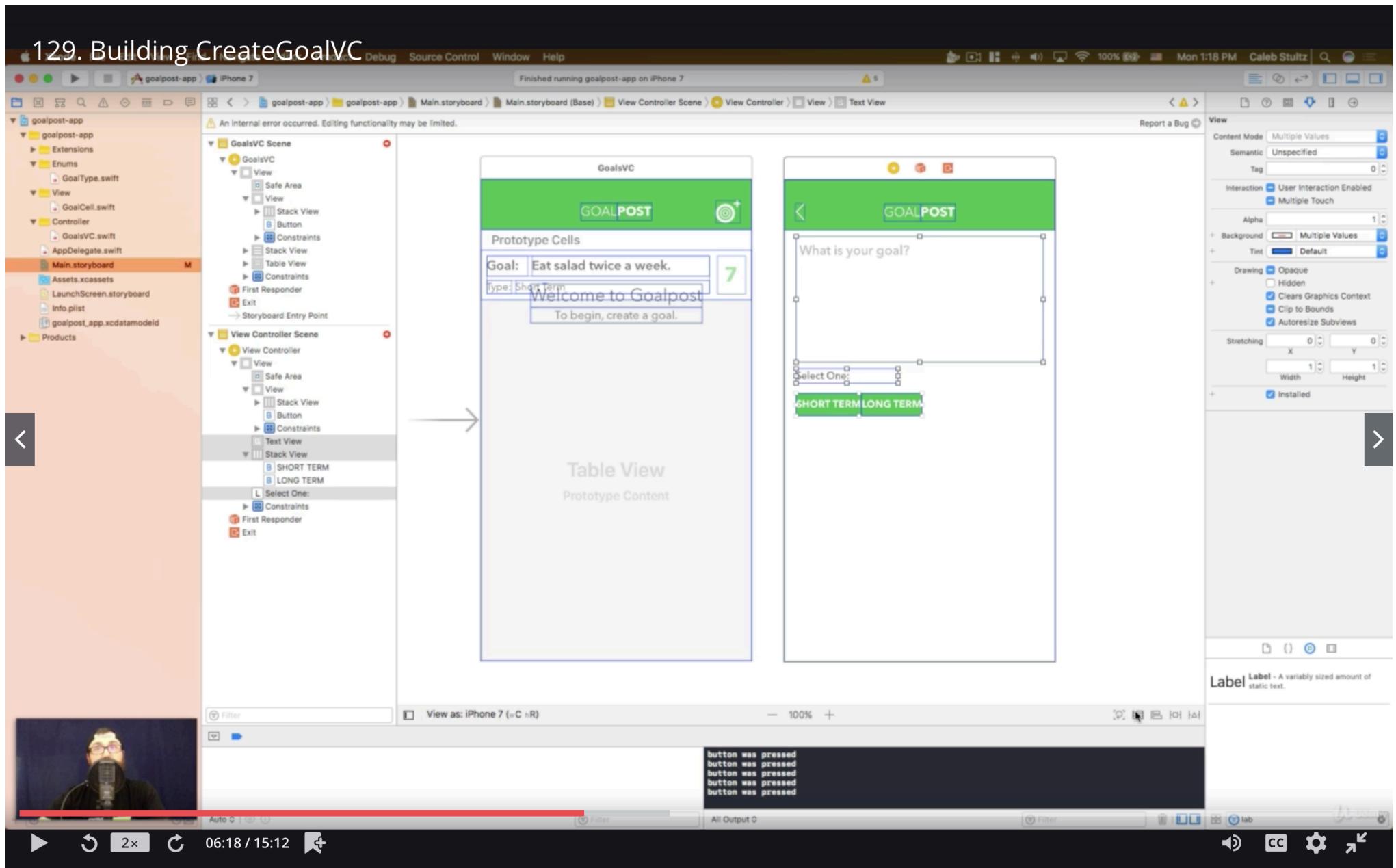
## 129. Building CreateGoalVC



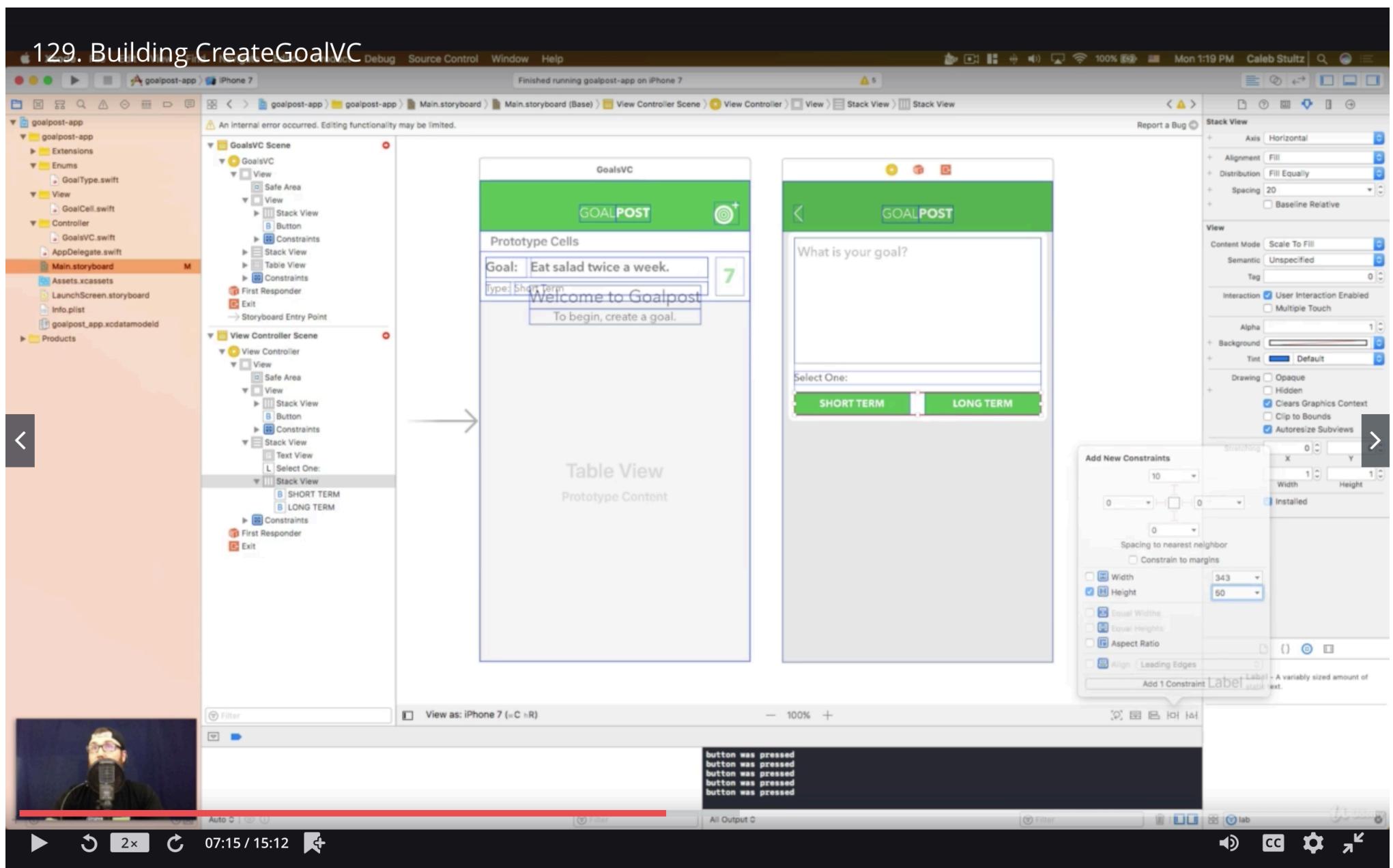
## 129. Building CreateGoalVC



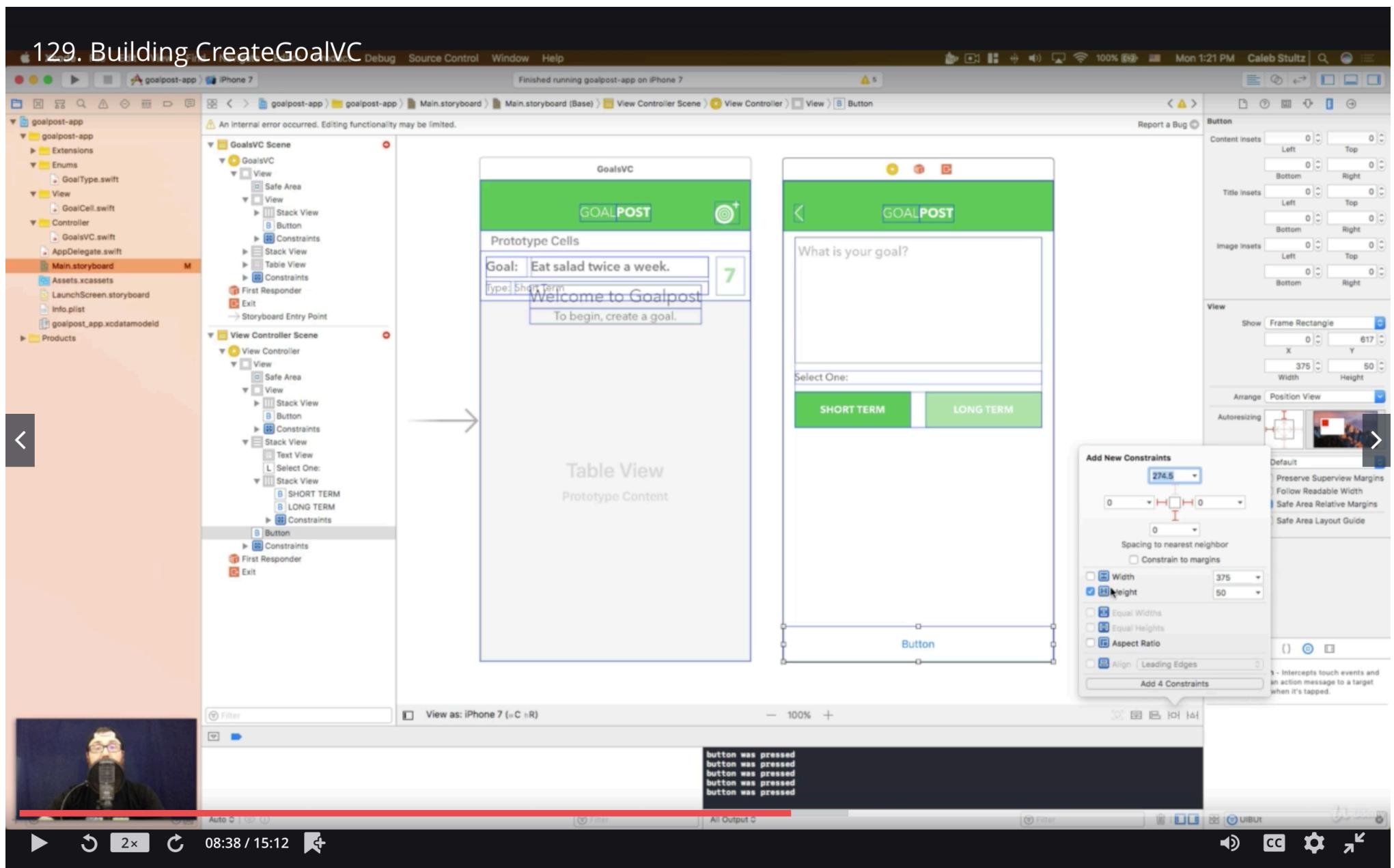
## 129. Building CreateGoalVC



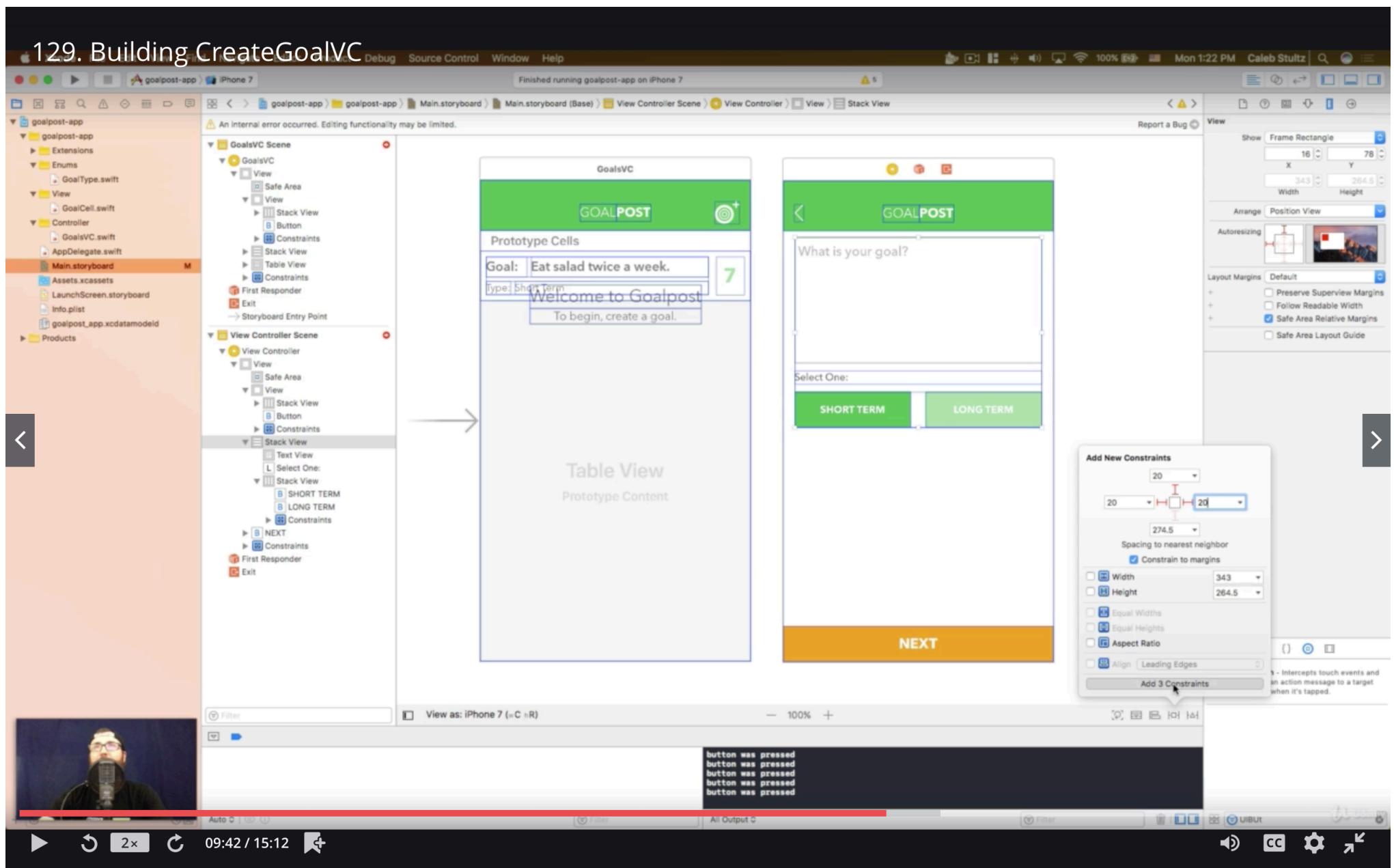
## 129. Building CreateGoalVC



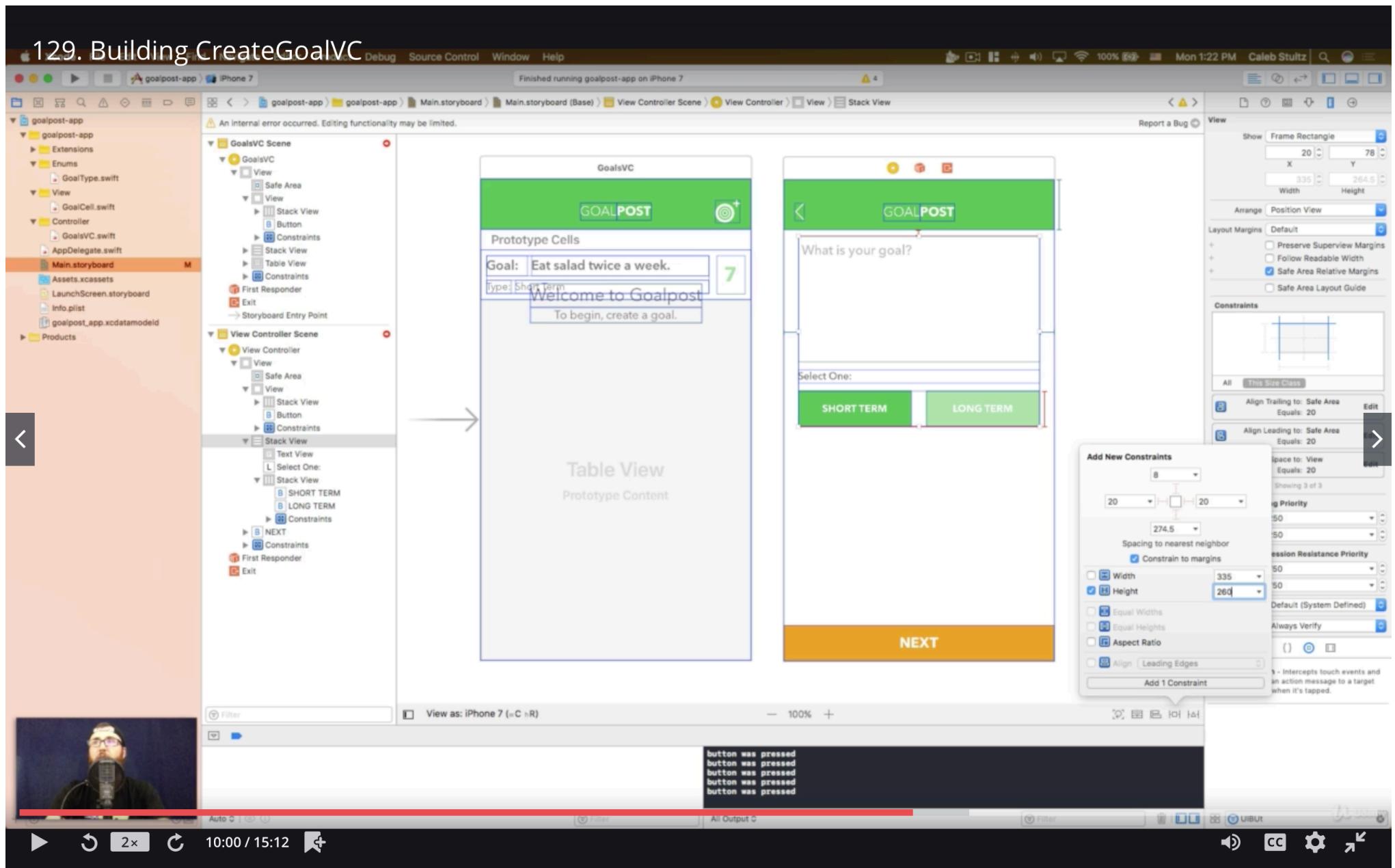
## 129. Building CreateGoalVC



## 129. Building CreateGoalVC



## 129. Building CreateGoalVC



## 129. Building CreateGoalVC

The screenshot shows the Xcode interface with the following details:

- Project Navigator:** Shows the project structure for "goalpost-app".
- Document Outline:** Shows the hierarchy of the "Create GoalVC Scene".
- Preview:** Displays the "GOAL POST" screen with the title "What is your goal?", a "Select One:" dropdown menu, and two buttons: "SHORT TERM" and "LONG TERM".
- Code Editor:** Displays the "CreateGoalVC.swift" file with the following code:

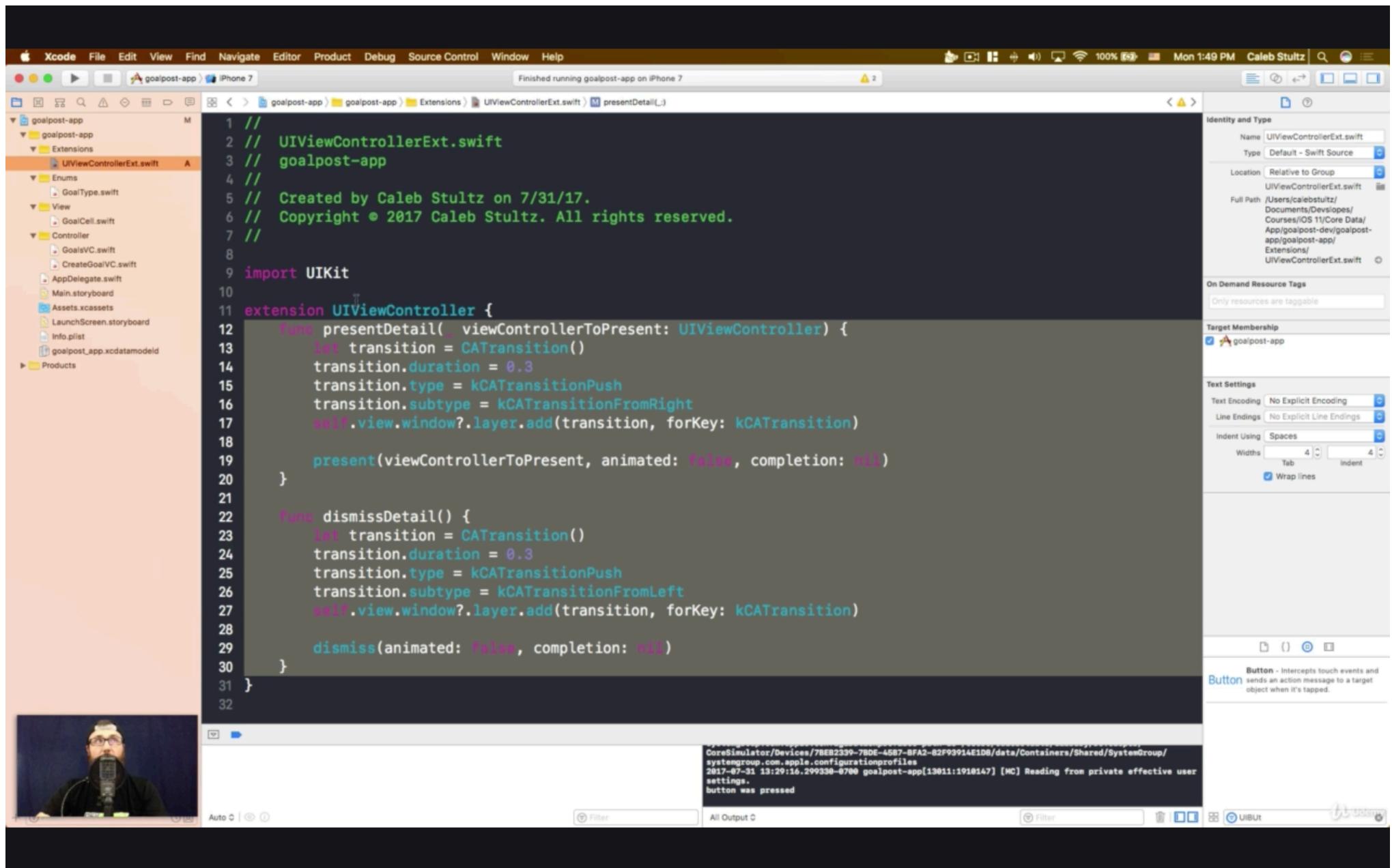
```
//  
import UIKit  
  
class CreateGoalVC: UIViewController {  
  
    @IBOutlet weak var goalTextView: UITextView!  
    @IBOutlet weak var shortTermBtn: UIButton!  
    @IBOutlet weak var longTermBtn: UIButton!  
    @IBOutlet weak var nextBtn: UIButton!  
  
    override func viewDidLoad() {  
        super.viewDidLoad()  
    }  
  
    @IBAction func shortTermBtnWasPressed(_ sender: Any) {  
    }  
  
    @IBAction func longTermBtnWasPressed(_ sender: Any) {  
    }  
  
    @IBAction func nextBtnWasPressed(_ sender: Any) {  
    }  
  
    @IBAction func backBtnWasPressed(_ sender: Any) {  
        dismiss(animated: true, completion: nil)  
    }  
}
```

The code editor also includes a tooltip for the "Button" class.

**Output Navigator:** Shows the following log message:

```
systemgroup.com.apple.configurationprofiles path is /Users/calebstultz/Library/Developer/CoreSimulator/Devices/7BE82399-7BDE-46B7-BFA2-82F93914E10B/data/Containers/Shared/SystemGroup/systemgroup.com.apple.configurationprofiles  
2017-07-31 13:23:51.709083-0700 goalpost-app[12709:1853719] [MC] Reading from private effective user settings.
```

**Bottom Bar:** Shows playback controls, a video thumbnail of the speaker, and the current time (14:15 / 15:12).



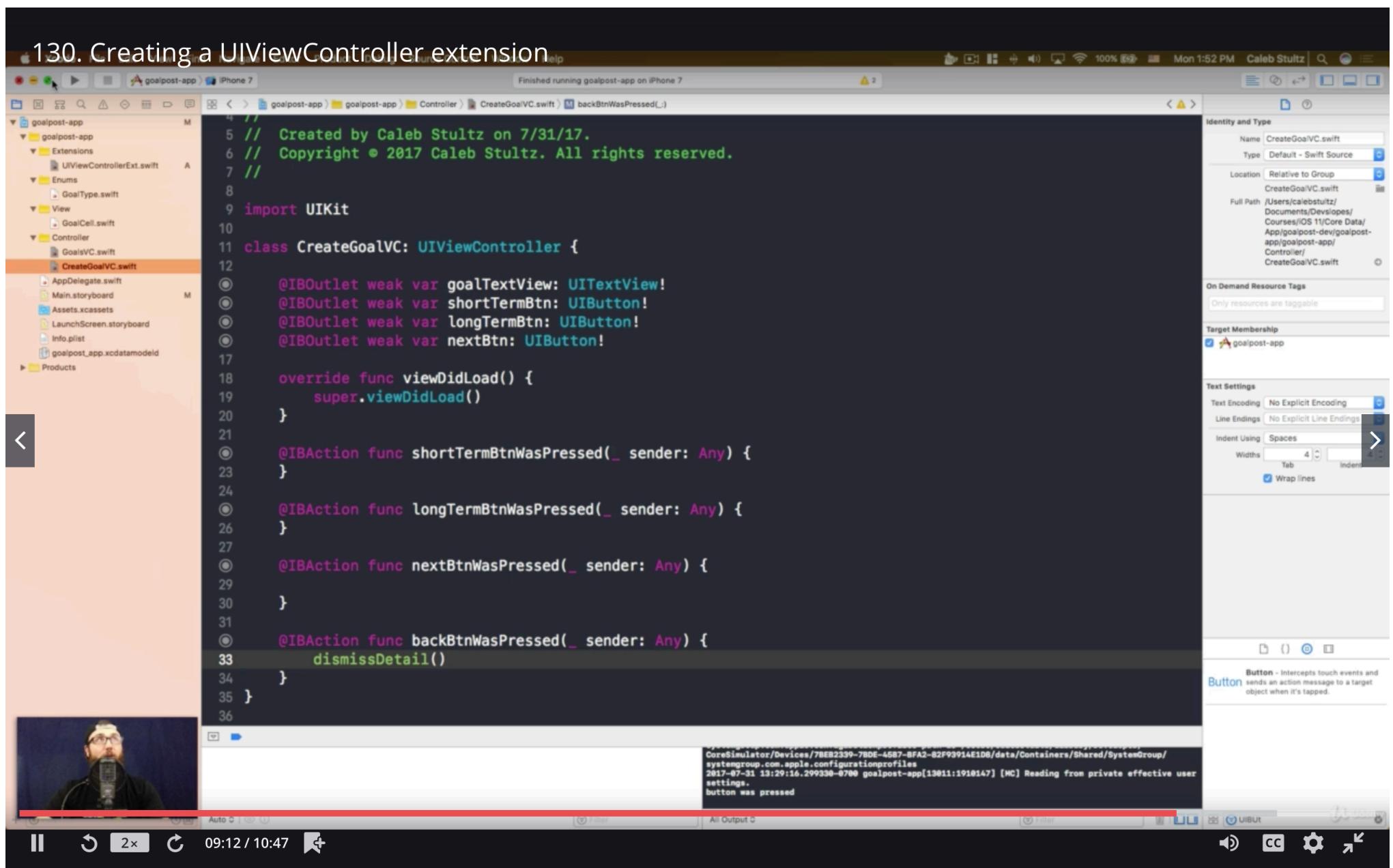
## 130. Creating a UIViewController extension

The screenshot shows a Xcode interface with the following details:

- Project Structure:** The left sidebar shows the project structure for "goalpost-app". The "CreateGoalVC.swift" file is selected.
- Code Editor:** The main editor displays the code for the "GoalsVC" class and its extension. The extension adds UITableViewDelegate and UITableViewDataSource methods to handle table view sections and rows.
- Identity and Type Inspector:** The right panel shows the file's properties:
  - Name: CreateGoalVC.swift
  - Type: Default - Swift Source
  - Location: Relative to Group
  - Full Path: /Users/calebstutz/Documents/Devs/ios/Courses/IOS 11/Core Data/App/goalpost-dev/goalpost-app/goalpost-app/Controller/CreateGoalVC.swift
- Text Settings:** The bottom right of the right panel shows text encoding (No Explicit Encoding), line endings (No Explicit Line Endings), and indent settings (Spaces, Widths: 4).
- Output Window:** The bottom right shows the "All Output" tab with the following log message:

```
CoreSimulator/Devices/7BE82339-7DDE-46B7-BFA2-B2F93914E108/data/Containers/Shared/SystemGroup/systemgroup.com.apple.configurationprofiles
2017-07-31 13:29:16.29936-0700 goalpost-app[13011:1910147] [MC] Reading from private effective user
settings.
button was pressed
```
- Player Controls:** The bottom left includes standard video player controls: play, pause, volume, and time (08:58 / 10:47).

## 130. Creating a UIViewController extension



The screenshot shows the Xcode interface with the following details:

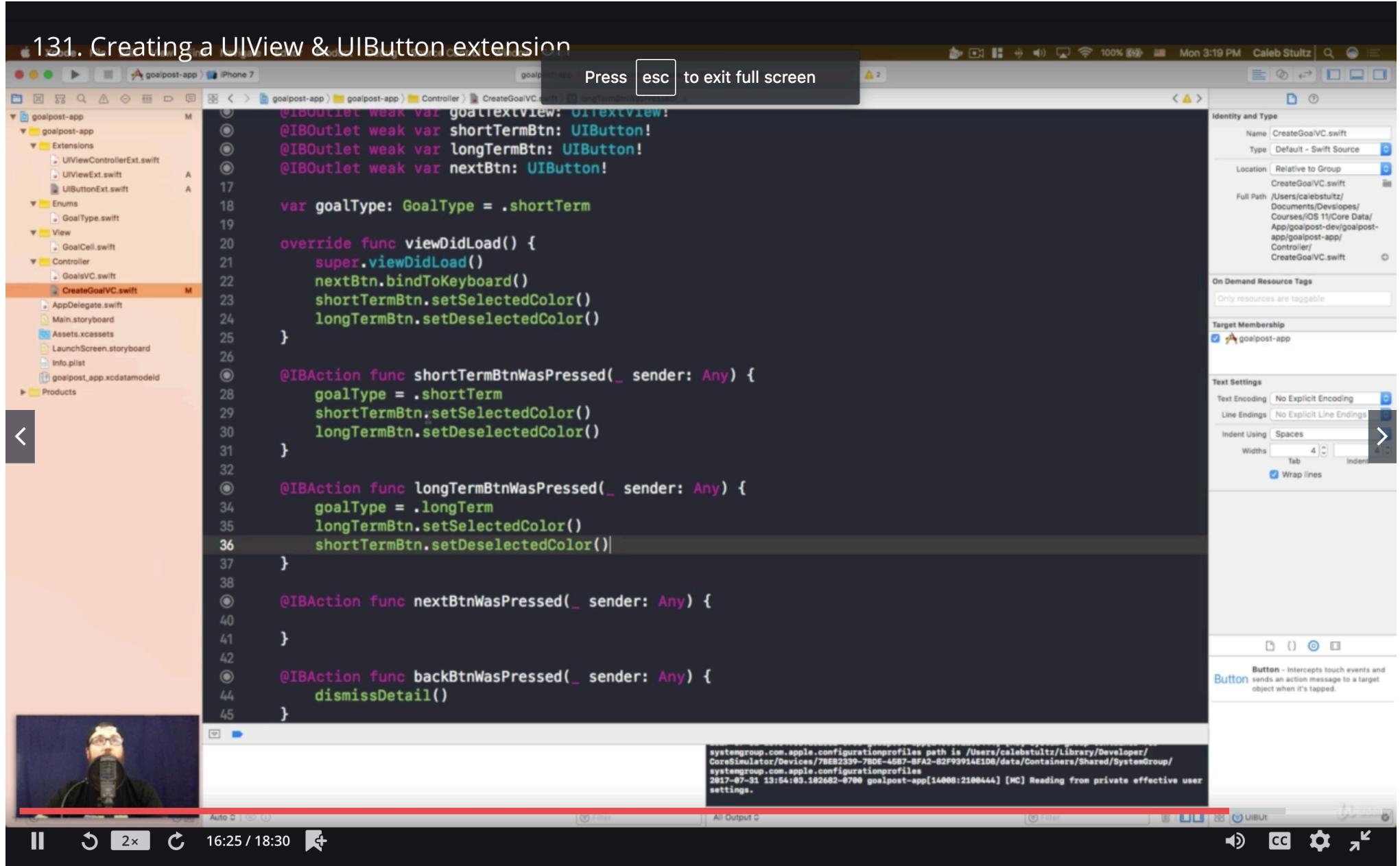
- Project Navigator:** Shows the project structure for "goalpost-app".
- Editor:** Displays the code for `CreateGoalVC.swift`. The code defines a `CreateGoalVC` class that inherits from `UIViewController`. It includes outlets for text view and buttons, and overrides `viewDidLoad()`. It also contains four `@IBAction` methods: `shortTermBtnWasPressed`, `longTermBtnWasPressed`, `nextBtnWasPressed`, and `backBtnWasPressed`.
- Identity and Type Inspector:** Shows the file's properties: Name is `CreateGoalVC.swift`, Type is `Default - Swift Source`, Location is `Relative to Group`, and Full Path is `/Users/calebstultz/Documents/Devs/ios/Courses/iOS 11/Core Data/App/goalpost-dev/goalpost-app/goalpost-app/Controller/CreateGoalVC.swift`.
- Text Settings Inspector:** Shows Text Encoding as `No Explicit Encoding`, Line Endings as `No Explicit Line Endings`, Indent Using as `Spaces`, and Widths set to 4.
- Output Window:** Shows the command-line output of the build process, indicating the app was run on an iPhone 7 simulator.
- Bottom Bar:** Shows the Xcode status bar with icons for volume, battery, signal, and time (Mon 1:52 PM).

```
5 // Created by Caleb Stultz on 7/31/17.
6 // Copyright © 2017 Caleb Stultz. All rights reserved.
7 //
8
9 import UIKit
10
11 class CreateGoalVC: UIViewController {
12
13     @IBOutlet weak var goalTextView: UITextView!
14     @IBOutlet weak var shortTermBtn: UIButton!
15     @IBOutlet weak var longTermBtn: UIButton!
16     @IBOutlet weak var nextBtn: UIButton!
17
18     override func viewDidLoad() {
19         super.viewDidLoad()
20     }
21
22     @IBAction func shortTermBtnWasPressed(_ sender: Any) {
23     }
24
25     @IBAction func longTermBtnWasPressed(_ sender: Any) {
26     }
27
28     @IBAction func nextBtnWasPressed(_ sender: Any) {
29     }
30
31     @IBAction func backBtnWasPressed(_ sender: Any) {
32         dismissDetail()
33     }
34 }
35
36
```

CoreSimulator/Devices/78EB2399-7DDE-46B7-BFA2-B2F9391AE1D8/data/Containers/Shared/SystemGroup/systemgroup.com.apple.configurationprofiles
2017-07-31 13:29:16.299398-0700 goalpost-app[13011:1910147] [MC] Reading from private effective user settings.
button was pressed

## 131. Creating a UIView & UIButton extension

Press **esc** to exit full screen



The screenshot shows the Xcode interface with the code editor open to `CreateGoalVC.swift`. The code defines outlets for four UI elements: `goalTextview`, `shortTermBtn`, `longTermBtn`, and `nextBtn`. It also declares a variable `goalType` of type `GoalType` initialized to `.shortTerm`. The `viewDidLoad()` method sets up keyboard binding for the next button and changes the color of the short-term and long-term buttons. Three action methods handle button presses: `shortTermBtnWasPressed`, `longTermBtnWasPressed`, and `nextBtnWasPressed`. The `shortTermBtnWasPressed` method changes the goal type to `.shortTerm` and toggles the colors of both buttons. The `longTermBtnWasPressed` method changes the goal type to `.longTerm` and toggles the colors of both buttons. The `nextBtnWasPressed` method dismisses the detail view. The `backBtnWasPressed` method is commented out.

```
    @IBOutlet weak var goalTextview: UITextView!
    @IBOutlet weak var shortTermBtn: UIButton!
    @IBOutlet weak var longTermBtn: UIButton!
    @IBOutlet weak var nextBtn: UIButton!

    var goalType: GoalType = .shortTerm

    override func viewDidLoad() {
        super.viewDidLoad()
        nextBtn.bindToKeyboard()
        shortTermBtn.setSelectedColor()
        longTermBtn.setDeselectedColor()
    }

    @IBAction func shortTermBtnWasPressed(_ sender: Any) {
        goalType = .shortTerm
        shortTermBtn.setSelectedColor()
        longTermBtn.setDeselectedColor()
    }

    @IBAction func longTermBtnWasPressed(_ sender: Any) {
        goalType = .longTerm
        longTermBtn.setSelectedColor()
        shortTermBtn.setDeselectedColor()
    }

    @IBAction func nextBtnWasPressed(_ sender: Any) {
    }

    @IBAction func backBtnWasPressed(_ sender: Any) {
        dismissDetail()
    }
}
```

The right sidebar displays the file's identity and type (CreateGoalVC.swift), location (Relative to Group), and target membership (goalpost-app). Text settings like encoding and line endings are also shown. A tooltip for the `Button` class is visible at the bottom right.

Bottom status bar: Auto | 16:25 / 18:30 | All Output | CC | Settings