

An internal error occurred. Editing functionality may be limited. Report a Bug

Reveal View Controller...

ChannelVC Scene

ChannelVC

- Top Layout Guide
- Bottom Layout Gui...
- Gradient View
 - L Smack
 - L CHANNELS
 - B Button
 - B Login
 - menuProfileIcon
 - Table View
 - Table View...
 - Content...
 - L #gene...
 - Const...
 - Constraints

First Responder

Exit

ChatVC Scene

Smack

CHANNELS

Prototype Cells

#genera

Table View

Prototype Content

Login

Add New Alignment Constraints

- Leading Edges
- Trailing Edges
- Top Edges
- Bottom Edges
- Horizontal Centers
- Vertical Centers
- Baselines
- Horizontally in Container
- Vertically in Container

0 0

Add 1 Constraint

Label

Text

#

Color

Font

Dynamic Type

Alignment

Lines

Behavior

Baseline

Line Break

Autoshrink

Highlighted

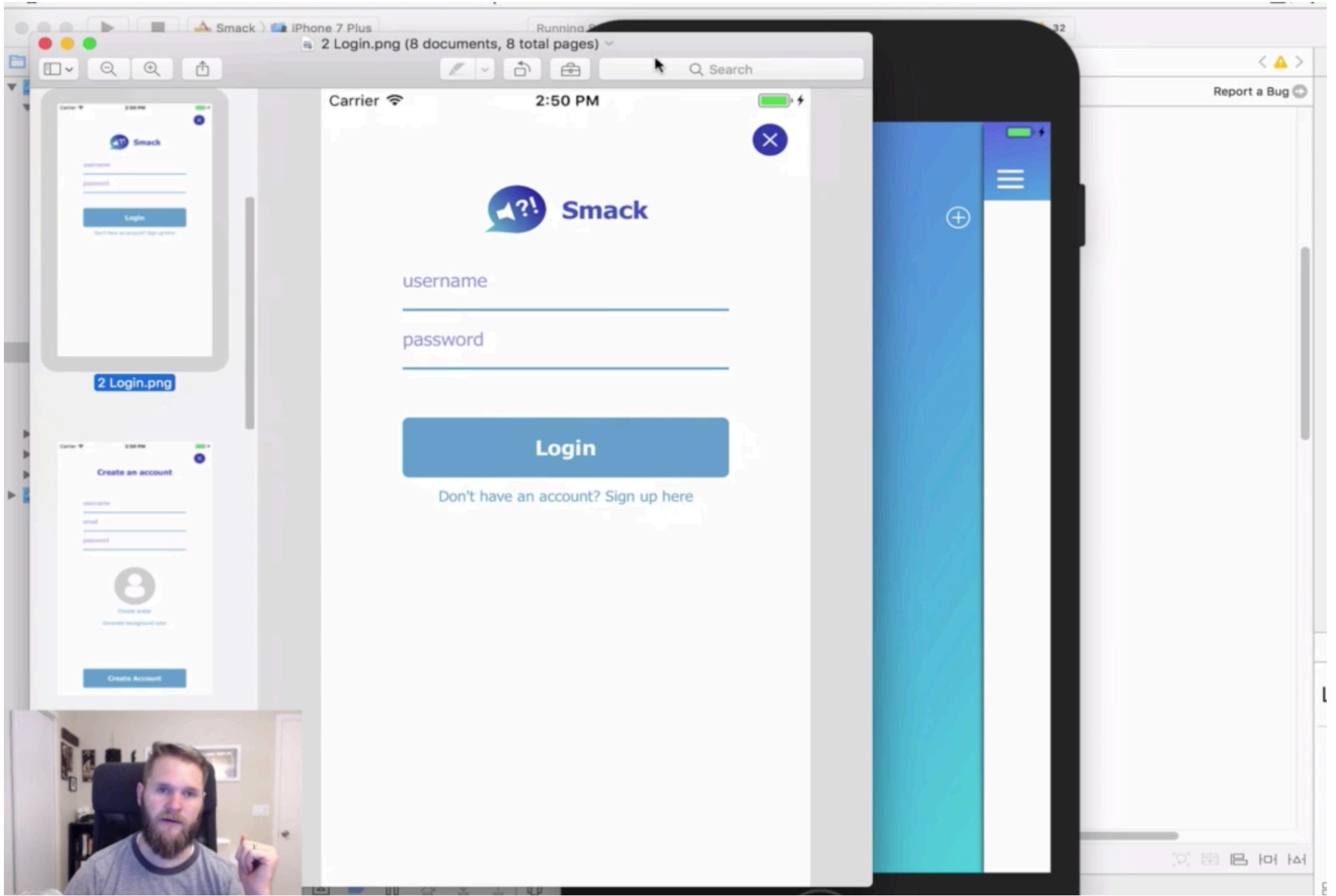
Shadow

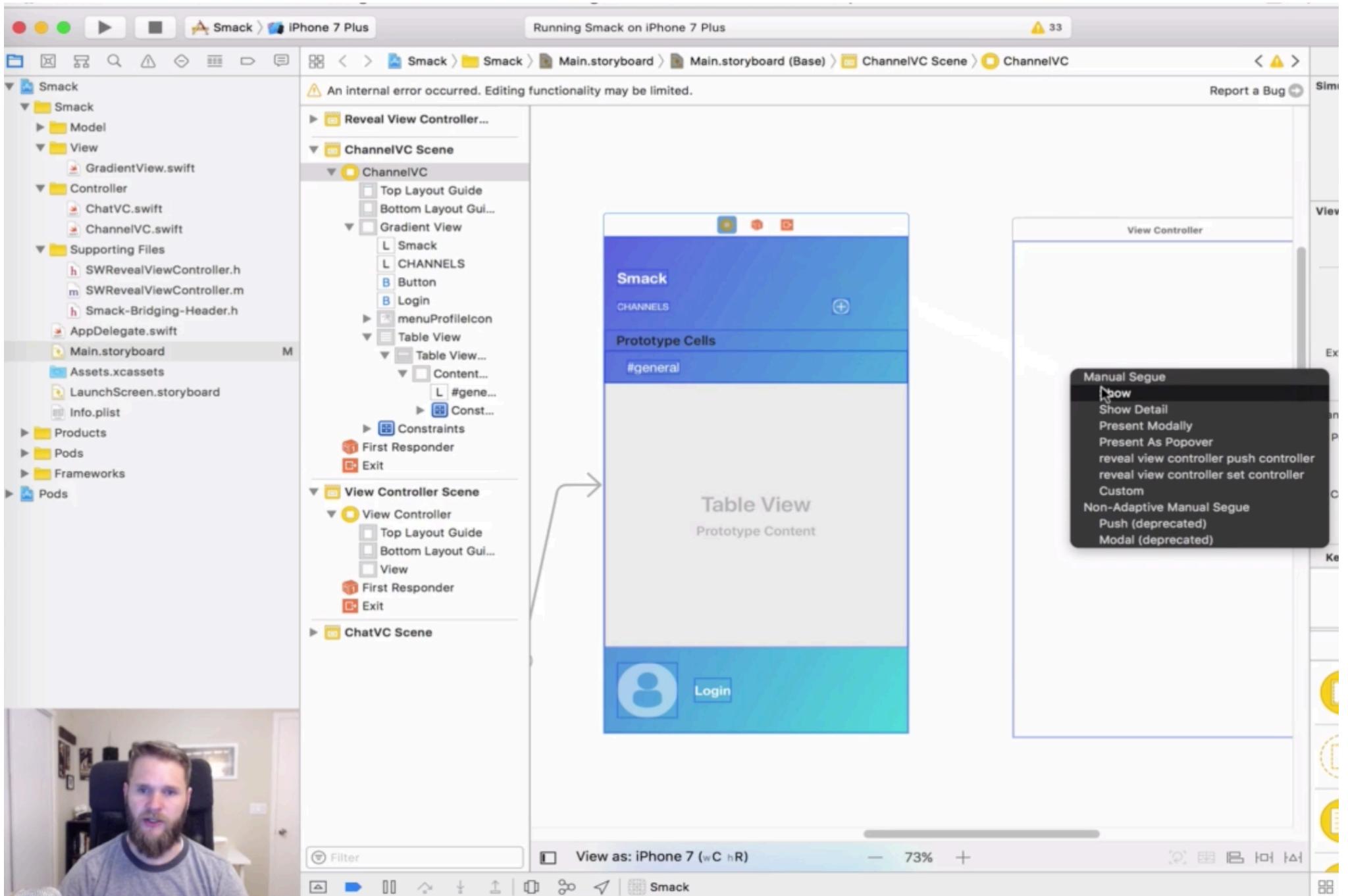
Shadow Offset

View

Content Mode

Semantic





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Reveal View Controller...

ChannelVC Scene

- ChannelVC
 - Top Layout Guide
 - Bottom Layout Gui...
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 - CHANNELS
 - Button
 - Login
 - menuProfileIcon
 - Table View
 - Table View...
 - Content...
 - #gene...
 - Constraints
 - First Responder
 - Exit
 - Show segue to "View..."
- View Controller Scene
 - View Controller
 - Top Layout Guide
 - Bottom Layout Gui...
 - View
 - First Responder
 - Exit
- ChatVC Scene

Smack

CHANNELS

Prototype Cells

#general

Table View

Prototype Content

Connection Action

Object ChannelVC

Name loginBtnPress

Type Any

Event Touch Up Inside

Arguments Sender

Cancel Connect

```
1 //  
2 // ChannelVC.swift  
3 // Smack  
4 //  
5 // Created by Jonny B on 7/14/17.  
6 // Copyright © 2017 Jonny B. All  
rights reserved.  
7 //  
8  
9 import UIKit  
10  
11 class ChannelVC: UIViewController  
12 {  
13  
14     override func viewDidLoad() {  
15         super.viewDidLoad()  
  
self.revealViewController().rearViewRevealWidth =  
self.view.frame.size.width - 60  
    }  
}
```

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Reveal View Controller...

ChannelVC Scene

- ChannelVC
 - Top Layout Guide
 - Bottom Layout Gui...
 - Gradient View
 - L Smack
 - L CHANNELS
 - B Button
 - B Login**
- menuProfileIcon
- Table View
 - Table View...
 - Content...
 - L #gene...
 - Const...
- Constraints
- First Responder
- Exit
- Show segue to "View..."

View Controller Scene

- View Controller
 - Top Layout Guide
 - Bottom Layout Gui...
 - View
- First Responder
- Exit

ChatVC Scene

Running Smack on iPhone 7 Plus

33

Go to Dashboard

// ChannelVC.swift
// Smack
// Created by Jonny B on 7/14/17.
// Copyright © 2017 Jonny B. All rights reserved.

//

import UIKit

class ChannelVC: UIViewController {

// Outlets

override func viewDidLoad() {
 super.viewDidLoad()

 self.revealViewController().rearViewRevealWidth =
 self.view.frame.size.width - 60
}

@IBAction func loginBtnPressed(_ sender: Any) {

Button

- Type: System
- State Config: Default
- Title: Plain
- Login
- Font: Helvetica Neue Bold
- Text Color: White Color
- Shadow Color: Default
- Image: Default Image
- Background: Default Background Image
- Accessibility: Adjusts Image Size
- Shadow Offset: 0 0
- Width: Height
- Reverses On Highlight
- Drawing: Shows Touch On Highlight
- Highlighted Adjusts Image
- Disabled Adjusts Image
- Line Break: Truncate Middle
- Drag and Drop: Spring Loaded

Control

- Alignment: Horizontal
- Vertical
- Selected
- Enabled

View Controller - A controller that manages a view.

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

Table View Controller - A controller that manages a table view

Prototype Content

Connection: Outlet

Object: ChannelVC

Name: loginBtr

Type: UIButton

Storage: Weak

Cancel Connect

17

18

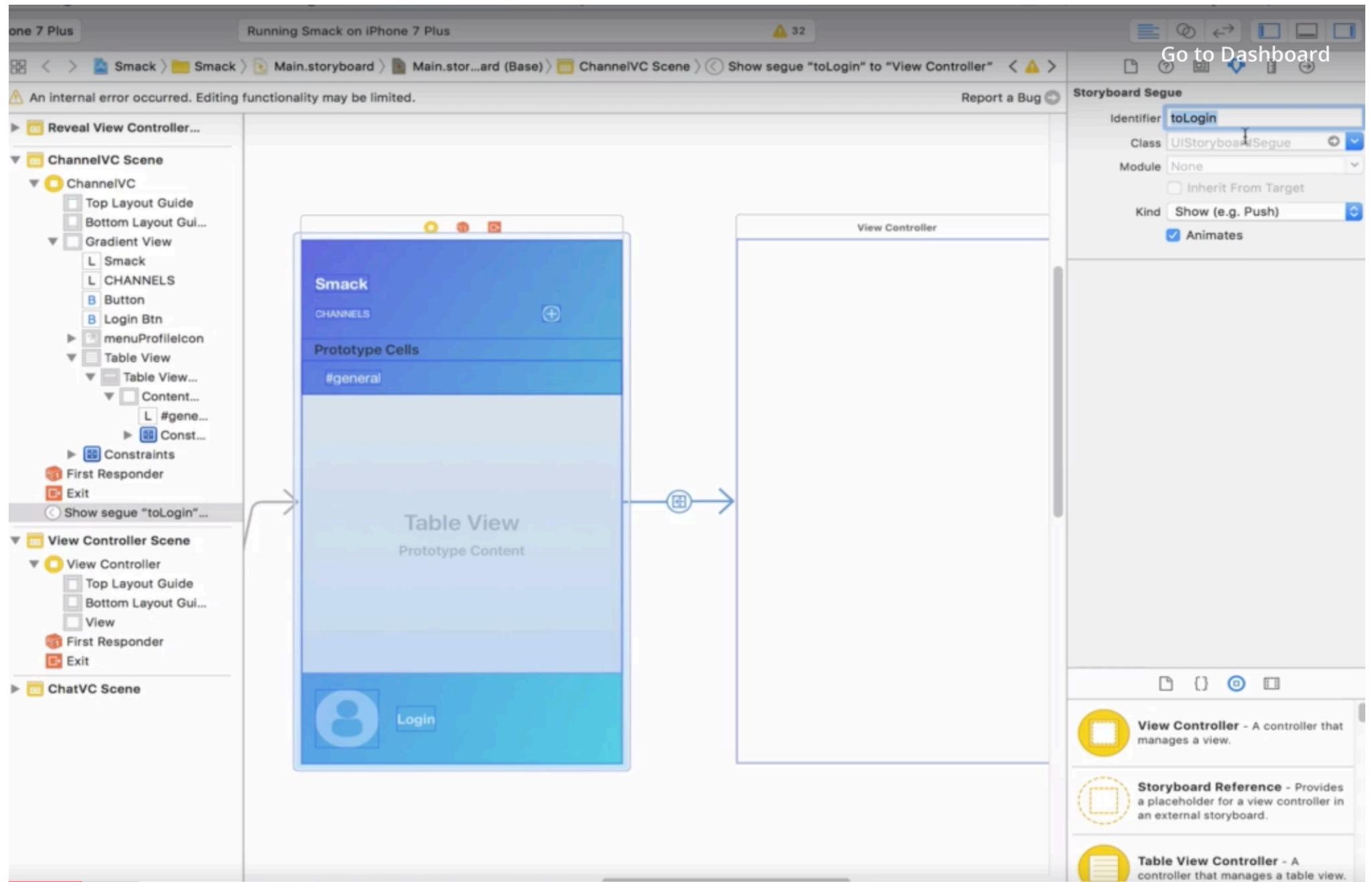
19

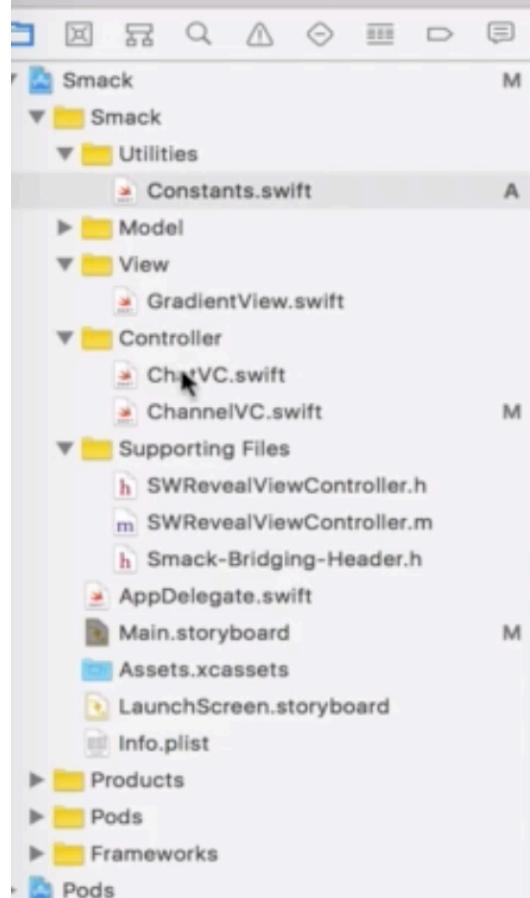
20

21

22

23





```
Smack < > Smack > Utilities > Constants.swift > No Selection
```

```
1 //  
2 //  Constants.swift  
3 //  Smack  
4 //  
5 //  Created by Jonny B on 7/14/17.  
6 //  Copyright © 2017 Jonny B. All rights reserved.  
7 //  
8  
9 import Foundation  
10  
11 // Segues  
12 let TO_LOGIN = "toLogin"  
13
```



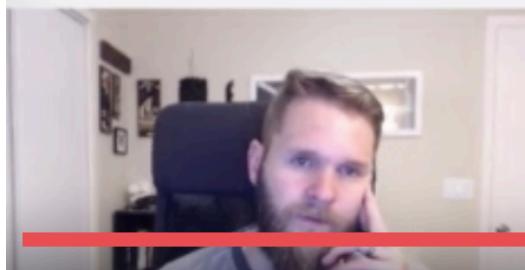
LoginVC UI

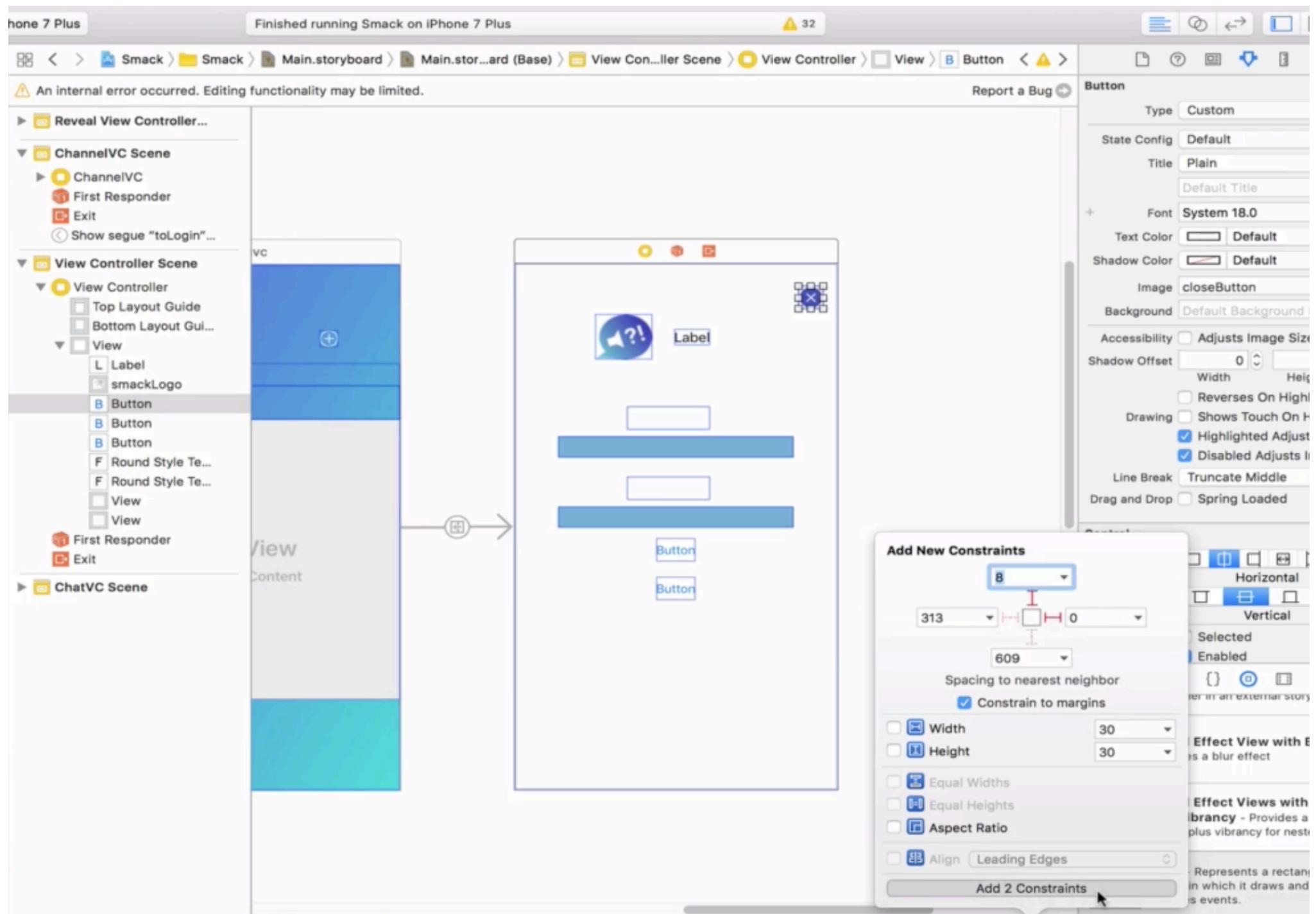
Section 11, Lecture 78

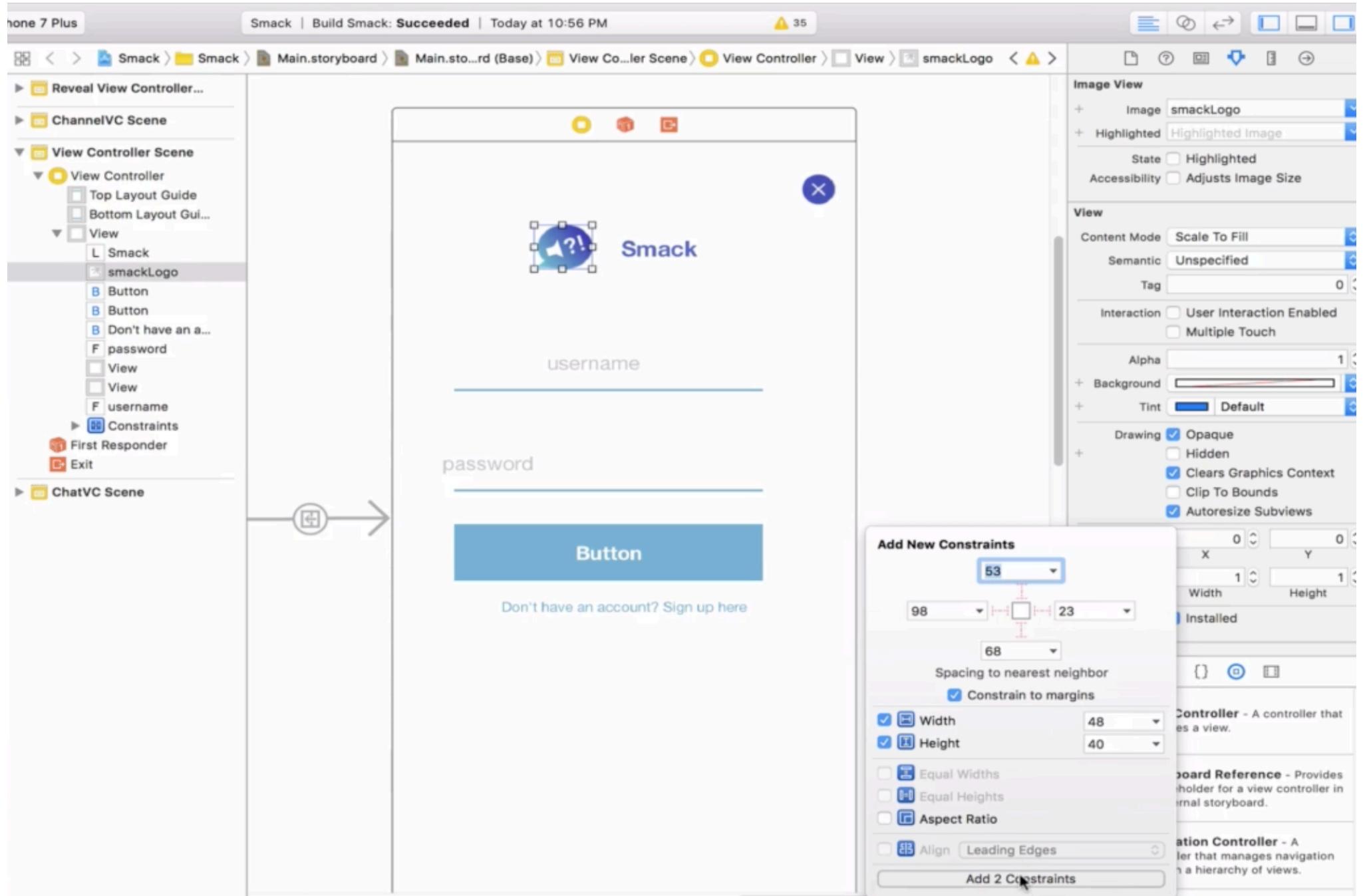
Resources available

- Smack
 - Constants.swift
 - Model
 - View
 - GradientView.swift
 - Controller
 - ChatVC.swift
 - ChannelVC.swift
 - Supporting Files
 - SWRevealViewController.h
 - SWRevealViewController.m
 - Smack-Bridging-Header.h
 - AppDelegate.swift
 - Main.storyboard
 - Assets.xcassets
 - LaunchScreen.storyboard
 - Info.plist
 - Products
 - Pods
 - Frameworks
- Pods

```
1 //  
2 // ChannelVC.swift  
3 // Smack  
4 //  
5 // Created by Jonny B on 7/14/17.  
6 // Copyright © 2017 Jonny B. All rights reserved.  
7 //  
8  
9 import UIKit  
10  
11 class ChannelVC: UIViewController {  
12  
13     // Outlets  
14     @IBOutlet weak var loginBtn: UIButton!  
15  
16     override func viewDidLoad() {  
17         super.viewDidLoad()  
18         self.revealViewController().rearViewRevealWidth =  
19             self.view.frame.size.width - 60  
20     }  
21  
22     @IBAction func loginBtnPressed(_ sender: Any) {  
23         performSegue(withIdentifier: TO_LOGIN, sender: nil)  
24     }  
25  
26 }  
27
```



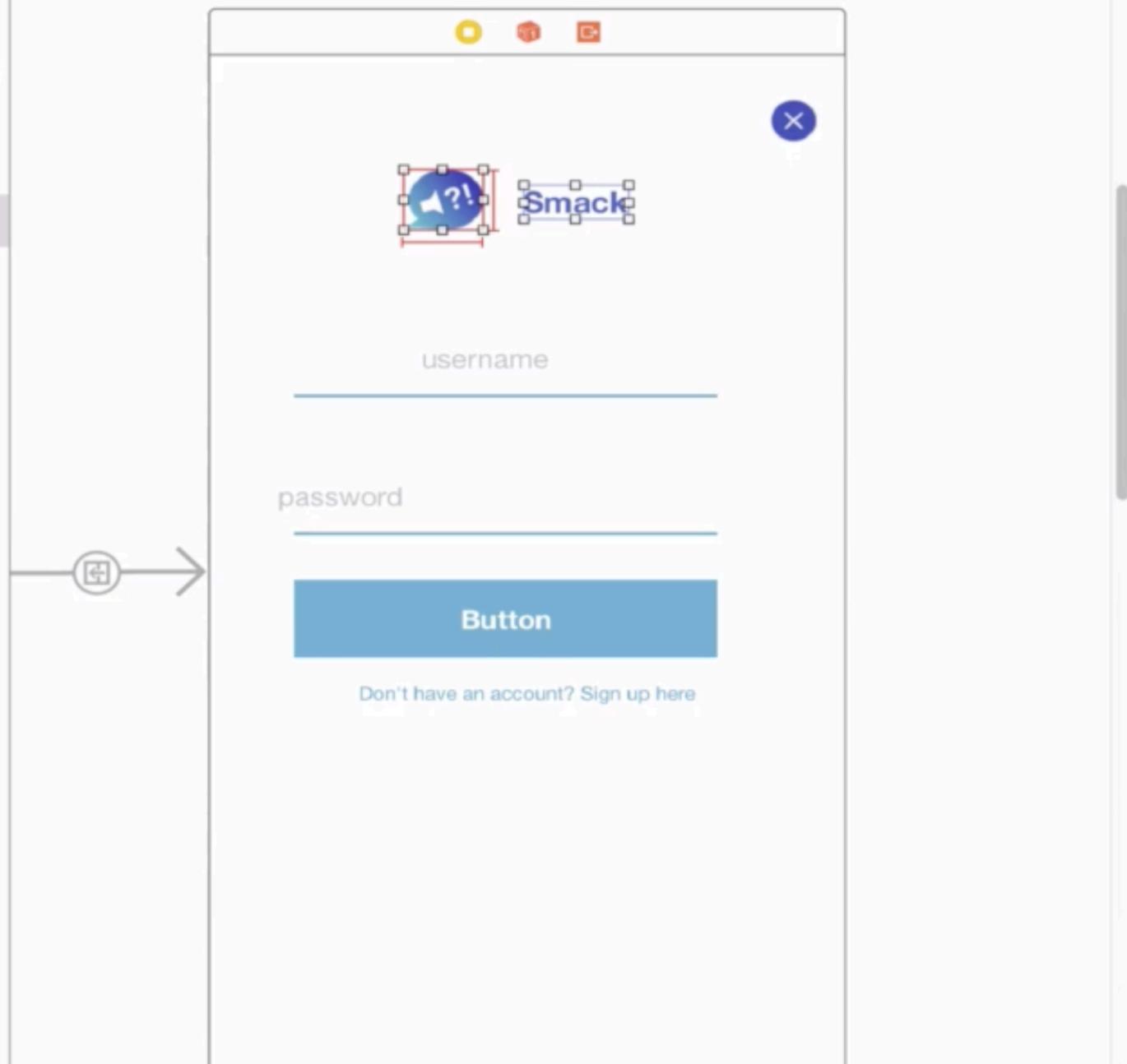


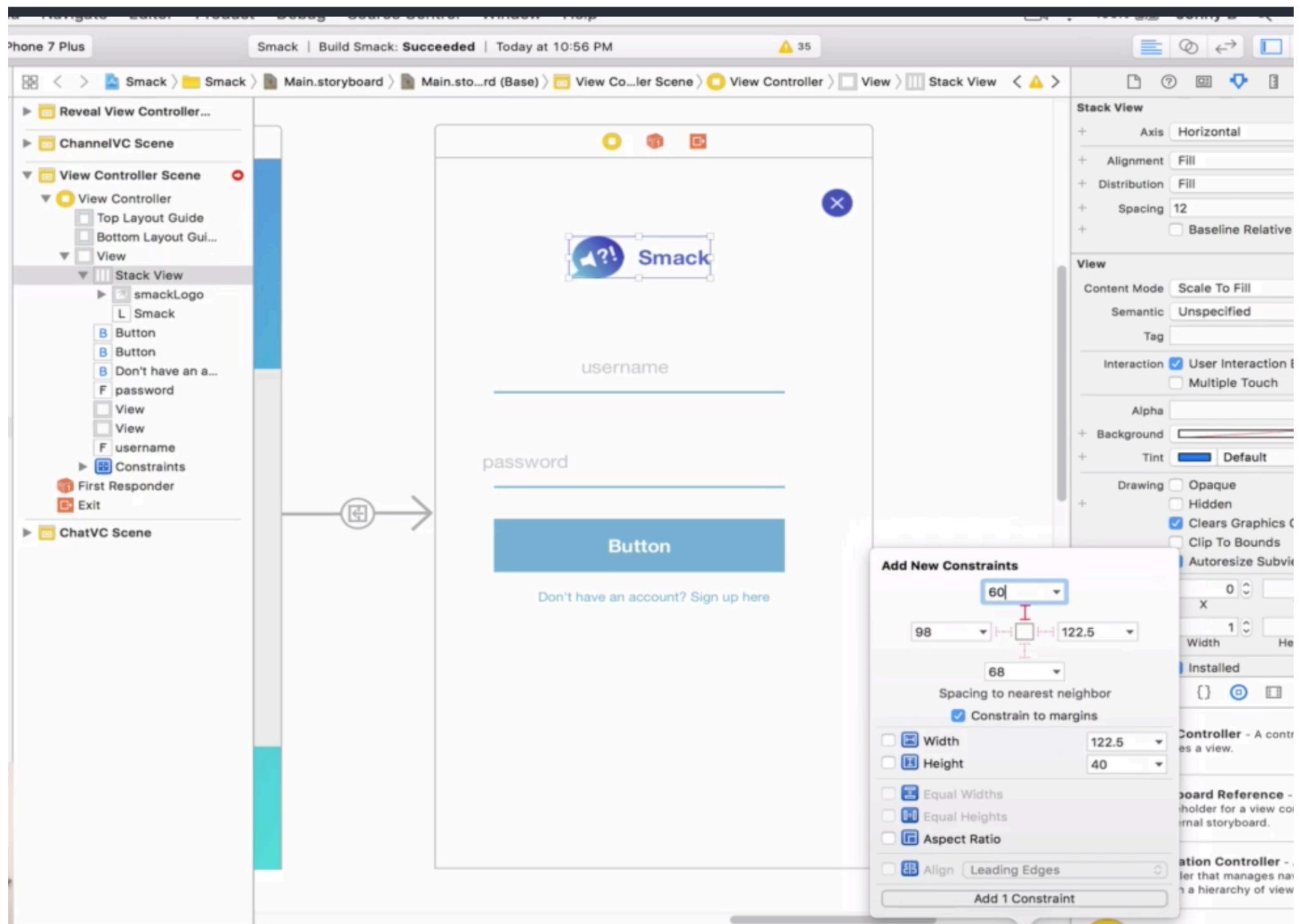


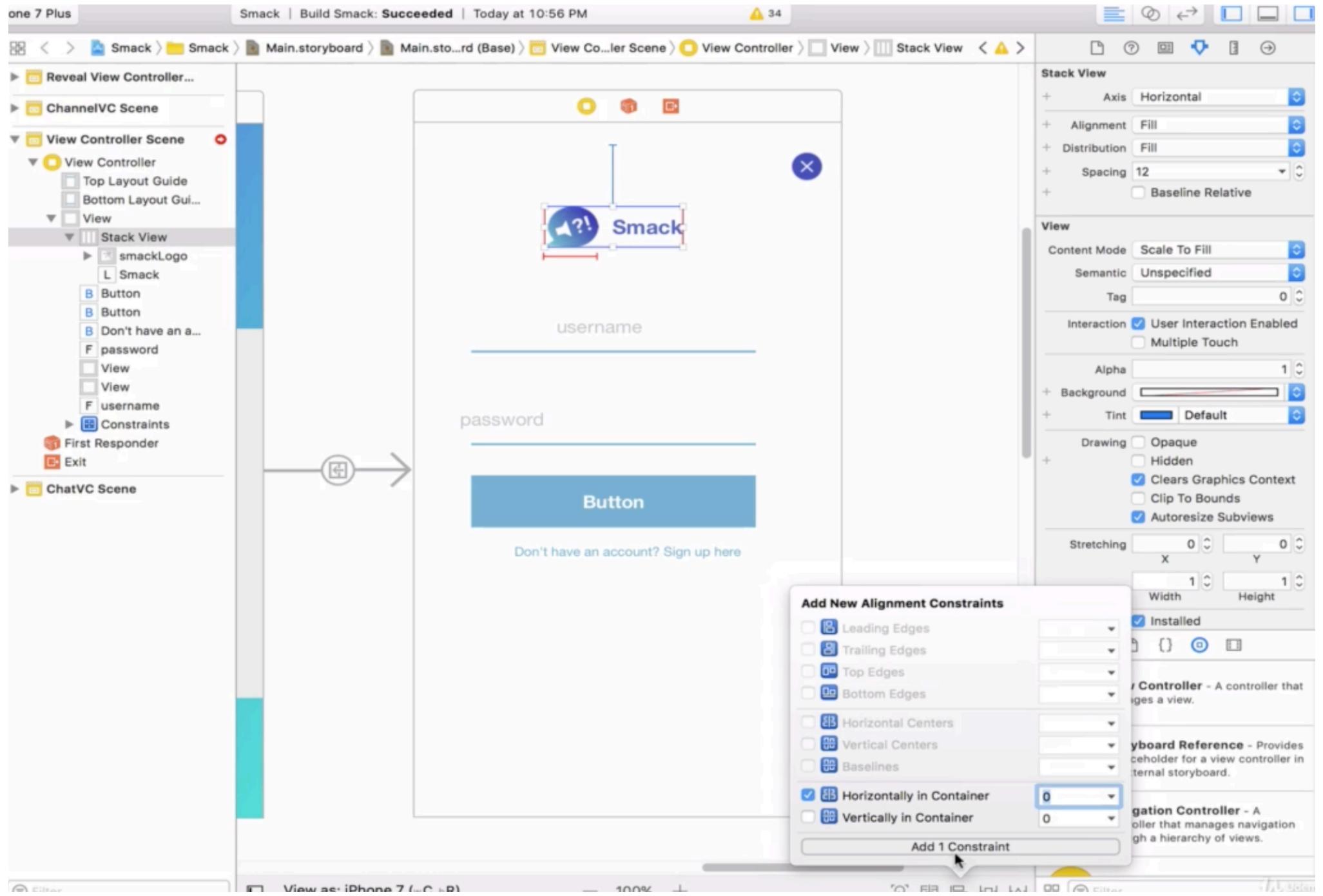
Smack < > Smack > Smack > Main.storyboard > Main.storyboard (Base) > View Controller Scene > View Controller > View > smackLogo < ⚠ >

- ▶ Reveal View Controller...
- ▶ ChannelVC Scene
- ▼ View Controller Scene ✖
 - ▶ View Controller
 - Top Layout Guide
 - Bottom Layout Gui...
 - View
 - L Smack
 - smackLogo
 - B Button
 - B Button
 - B Don't have an a...
 - F password
 - View
 - View
 - F username
 - ▶ Constraints
- First Responder
- Exit

- ▶ ChatVC Scene







iPhone 7 Plus Smack | Build Smack: Succeeded | Today at 10:56 PM 33

Reveal View Controller... ChannelVC Scene View Controller Scene View Controller View Stack View smackLogo L Smack Button Button Don't have an account? Sign up here password View View F username Constraints First Responder Exit ChatVC Scene

View Content Mode Scale To Fill Semantic Unspecified Tag Interaction User Interaction Enabled Multiple Touch Alpha Background Multiple Values Tint Default Drawing Opaque Hidden Clears Graphics Context Clip To Bounds Autoresize Subviews Stretching X 0 Y 1 Width Height Installed

View Controller - A controller that manages a view.

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

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

Filter View as: iPhone 7 (wC hR) 100% Filter

iPhone 7 Plus

Smack | Build Smack: Succeeded | Today at 10:56 PM

⚠ 35

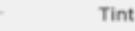
Smack < > Smack > Smack > Main.storyboard > Main.storyboard (Base) > View Controller Scene > View Controller > View > Stack View > View < ⚠ >

View

Content Mode Scale
Semantic Unspecified
Tag

Interaction Use Multitouch
 Multi-Touch

Alpha

Background 
Tint 

Drawing Opaque
 Hide
 Clear
 Clip
 Auto Layout

Stretching X

Width
 Instretch

Add New Constraints

0 0 0 0 Spacing to nearest neighbor
 Constrain to margins

Width 250
 Height 2
 Equal Widths
 Equal Heights
 Aspect Ratio
 Align Leading Edges

Add 4 Constraints

Reveal View Controller...

ChannelVC Scene

View Controller Scene View Controller

Top Layout Guide
Bottom Layout Guide

View

Stack View

smackLogo L Smack
B Button
B Button
B Don't have an account

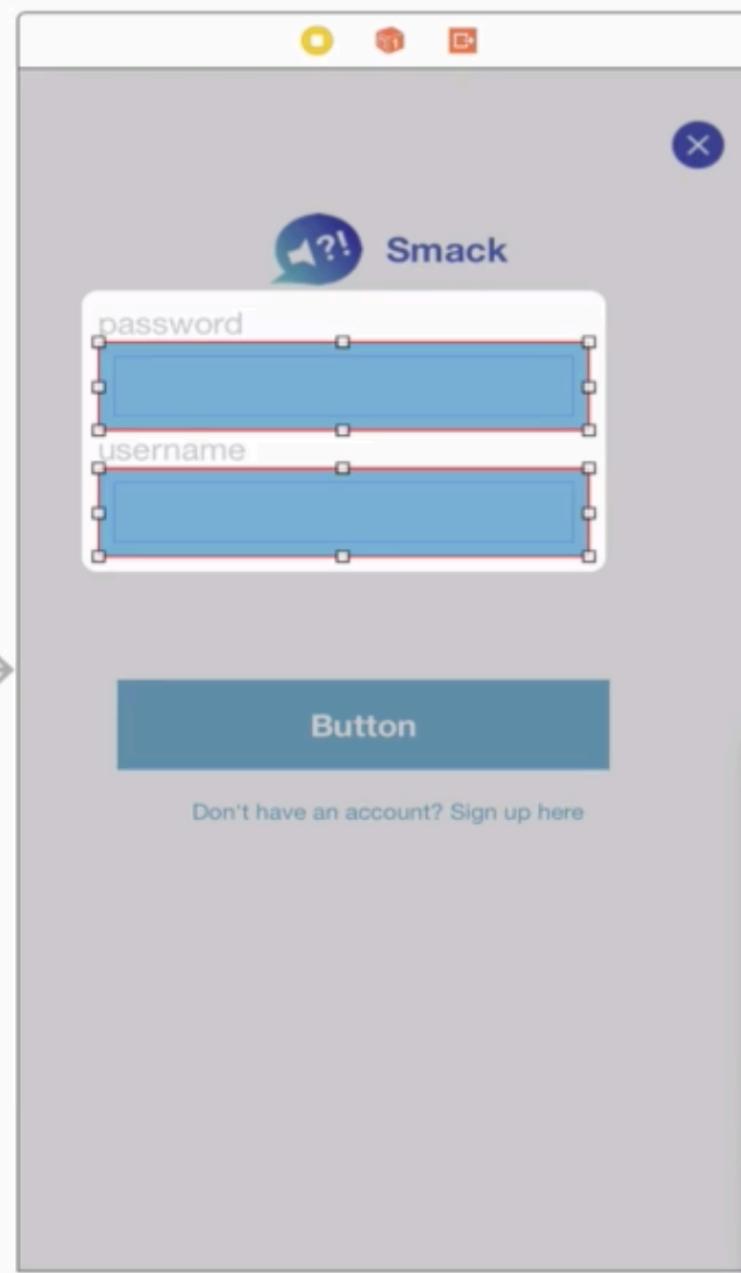
Stack View

F password
View
F username
View

Constraints

First Responder
Exit

ChatVC Scene



Smack > Smack > Main.storyboard > Main.storyboard (Base) > View Controller Scene > View Controller > View > Stack View < ⚠ >

Reveal View Controller... ChannelVC Scene View Controller Scene View Controller Top Layout Guide Bottom Layout Gui... View Stack View smackLogo L Smack Button Button Don't have an a... Stack View F password View F username View Constraints First Responder Exit ChatVC Scene

Smack

password

username

Button

Don't have an account? Sign up here

Stack View Axis Alignment Distribution Spacing

View Content Mode Semantic Tag Interaction Alpha Background Tint Drawing

Stretching

Add New Alignment Constraints

- Leading Edges
- Trailing Edges
- Top Edges
- Bottom Edges
- Horizontal Centers
- Vertical Centers
- Baselines
- Horizontally in Container
- Vertically in Container

Add 1 Constraint

The screenshot shows the Xcode interface with the storyboard open for the 'Smack' project. The main view contains a logo with a speech bubble icon, the word 'Smack', two text input fields ('password' and 'username'), a large blue button labeled 'Button', and a link to 'Sign up here'. On the left, the object library lists various UI components. The bottom right features a constraint editor titled 'Add New Alignment Constraints' with several options like 'Leading Edges', 'Trailing Edges', and 'Horizontally in Container' checked. The status bar at the top indicates the device is an iPhone 7 Plus, the build succeeded, and the current time is 10:56 PM.



Smack | Build Smack: Succeeded | Today at 10:56 PM ⚠ 34

iPhone 7 Plus

Reveal View Controller... ChannelVC Scene View Controller Scene View Controller View Stack View

Main.storyboard Main.storyboard (Base) View Controller View Stack View

Smack ChannelVC Scene View Controller Scene View Controller View Stack View smackLogo Smack Button Button Don't have an account? Stack View password View F username View Constraints First Responder Exit ChatVC Scene

Smack

password

username

Button

Don't have an account? Sign up here

Stack View

Axis: Vertical
Alignment: Leading
Distribution: Fill
Spacing: 14
Baseline: Baseline

View

Content Mode: Scale To Fit
Semantic: Unspecified
Tag: 0
Interaction: User Interaction Enabled
Alpha: 1.0
Background: View
Tint: View
Drawing: Opaque
Hidden: No
Clears Subviews: Yes
Clip To Bounds: Yes
AutoresizingMask: Top Center
X: 0
Width: 375
Install: []
Control: A view that has a controller
Board: A view that is a holder for internal structures
Orientation: A controller that has orientation constraints
Cell: A controller that has a cell hierarchy

Add New Constraints

40 47 81 46 250 86

Spacing to nearest neighbor
Constrain to margins
Width: No
Height: No
Equal Widths: No
Equal Heights: No
Aspect Ratio: No
Align: Leading Edges

Add 1 Constraint

Smack | Build Smack: Succeeded | Today at 10:56 PM ⚠ 34

View as: iPhone 7 (wC hR) 100% Filter

M Reveal View Controller...

A ChannelVC Scene

V View Controller Scene

M Top Layout Guide

M Bottom Layout Gui...

V View

S Stack View

L smackLogo

B Button

B Button

B Don't have an a...

S Stack View

F password

V View

F username

V View

C Constraints

R First Responder

E Exit

ChatVC Scene

Smack

password

username

Button

Don't have an account? Sign up here

Add New Constraints

55

144.5 143.5

46

Spacing to nearest neighbor

Constrain to margins

Width: 250 Height: 50

Equal Widths

Equal Heights

Aspect Ratio

Align: Leading Edges

Add 2 Constraints

Filter

View Controller Scene

View Controller

View

Stack View

smackLogo

Smack

Button

Button

Don't have an a...

Stack View

password

View

username

View

Constraints

First Responder

Exit

ChatVC Scene

Smack

password

username

Button

Don't have an account? Sign up here

Add New Constraints

55

144.5 143.5

46

Spacing to nearest neighbor

Constrain to margins

Width: 250 Height: 50

Equal Widths

Equal Heights

Aspect Ratio

Align: Leading Edges

Add 2 Constraints

Filter

View as: iPhone 7 (wC hR)

100%

Filter

Reveal View Controller...
ChannelVC Scene
View Controller Scene
View Controller
Top Layout Guide
Bottom Layout Gui...
View
Stack View
smackLogo
Smack
Button
Button
Don't have an a...
Stack View
password
View
username
View
Constraints
FirstResponder
Exit
ChatVC Scene

Smack

password

username

Button

Don't have an account? Sign up here

Add New Constraints

40

47 46

46

Spacing to nearest neighbor

Constrain to margins

Width: 250

Height: 50

Equal Widths

Equal Heights

Aspect Ratio

Align Leading Edges

Add 1 Constraint

iPhone 7 Plus

Smack | Build Smack: Succeeded | Today at 10:56 PM

⚠ 33

The screenshot shows the Xcode Interface Builder environment for an iOS project named "Smack".

Project Navigator: Shows "Smack" selected.

Document Outline: Lists the scene structure:

- Reveal View Controller...
- ChannelVC Scene
- View Controller Scene
 - View Controller
 - Top Layout Guide
 - Bottom Layout Gui...
 - View
 - Stack View
 - smackLogo
 - L Smack
 - Button
 - Button
 - B Don't have an a...
 - Stack View
 - F password
 - View
 - F username
 - View
 - Constraints
 - First Responder
 - Exit

Main View: Displays the login interface with the following components:

 - A blue speech bubble logo with a question mark containing the word "Smack".
 - A "password" placeholder in a light blue text field.
 - A "username" placeholder in a light blue text field.
 - A large blue button labeled "Button".
 - A "Don't have an account? Sign up here" link at the bottom.

Right Side Panels:

 - Button Inspector:** Shows settings for the selected "B" button, including Type: System, State Config: Default, Title: Plain, Font: Helvetica, Text Color: #0070C0, Shadow Color: #E0E0E0, Image: Default, Background: Default, Accessibility: None, Shadow Offset: 0x0, Drawing: Standard, Hi-Contrast: Enabled, Diagonal Hatching: Enabled, Line Break: Truncate, Drag and Drop: Enabled.
 - Add New Constraints:** A floating panel for adding constraints to the "Sign up here" link. It shows a preview of a horizontal constraint with a width of 240 and margins of 46 on the left and right. Options include "Constrain to margins" (checked), "Width" (checked, value 251), "Height" (checked, value 30), and "Equal Widths", "Equal Heights", "Aspect Ratio", "Align", and "Leading Edges". A "Add 3 Constraints" button is at the bottom.

Smack > Smack > Main...oard > Main...ase) > View...cene > View...oller > View > Don't have an account? Sign up here < ⚠ >

Reveal View Controller...

ChannelVC Scene

View Controller Scene

- View Controller
 - Top Layout Guide
 - Bottom Layout Gui...
- View
 - Stack View
 - smackLogo
 - L Smack
 - Button
 - Button
 - Don't have an a...
 - Stack View
 - F password
 - View
 - F username
 - View
 - Constraints
- First Responder
- Exit

ChatVC Scene

Smack

password

username

Button

Don't have an account? Sign up here

Add New Alignment Constraints

- Leading Edges
- Trailing Edges
- Top Edges
- Bottom Edges
- Horizontal Centers
- Vertical Centers
- Baselines
- Horizontally in Container
- Vertically in Container

0 0

Add 1 Constraint

Type System

State Config Default

Title Plain

Don't have an account? Sign up here

Font Helvetica

Text Color Blue

Shadow Color Black

Image Default image

Background Default Background

Accessibility Adjust

Shadow Offset

Width

Reverses

Drawing Shows

Highlights

Disabled

Line Break Truncate

Drag and Drop Spring

Control

Alignment

Select

Controll

yboard Re

ceholder fo

ternal stor

gation Co

oller that r

gh a hierar

View as: iPhone 7 (-C-R)

100%

⚠ 34

Smack > iPhone 7 Plus Running Smack on iPhone 7 Plus 32

Smack M A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Smack Utilities Model View Controller Supporting Files

Constants.swift GradientView.swift ChatVC.swift ChannelVC.swift LoginVC.swift SWRevealViewController.h SWRevealViewController.m Smack-Bridging-Header.h AppDelegate.swift Main.storyboard Assets.xcassets LaunchScreen.storyboard Info.plist

Products Paste

File Editor Find Replace Run Project Debug Source Control Help

// LoginVC.swift Smack
// Created by Jonny B on 7/14/17.
// Copyright © 2017 Jonny B. All rights reserved.

//
import UIKit
class LoginVC: UIViewController {
 override func viewDidLoad() {
 super.viewDidLoad()
 // Do any additional setup after loading the view.
 }
}

Reveal View Controller... ChannelVC Scene LoginVC Scene
LoginVC Top Layout Guide Bottom Layout Gui...
View Stack View Button
Button Don't have an a...
Stack View Constraints
First Responder
Exit

ChatVC Scene

Smack password username Button
Don't have an account? Sign up here

Connection: Outlet Object: LoginVC Name: closePressed Type: UIButton Storage: Weak

Cancel Connect

22

A set of small navigation icons typically found in Xcode's interface.

A set of small file navigation icons used for navigating through project files.

es available

ts.swift

View.swift

swift

VC.swift

.swift

Files

alViewController.h

alViewController.m

Bridging-Header.h

te.swift

board

ssets

en.storyboard

```
1 //  
2 // LoginVC.swift  
3 // Smack  
4 //  
5 // Created by Jonny B on 7/14/17.  
6 // Copyright © 2017 Jonny B. All  
rights reserved.  
7 //  
8  
9 import UIKit  
10  
11 class LoginVC: UIViewController {  
12  
    override func viewDidLoad() {  
        super.viewDidLoad()  
        // Do any additional setup  
        // after loading the  
        // view.  
13    }  
14  
15  
16  
17    }  
18  
19 @IBAction func closePressed(_  
20     sender: Any) {  
21     dismiss(animated: true,  
22             completion: nil)  
23  
24 }  
25
```

▶ Reveal View Controller...

▶ ChannelVC Scene

▼ LoginVC Scene

LoginVC

Top Layout Guide

Bottom Layout Gui...

View

Stack View

Button

Button

Don't have an a...

Stack View

Constraints

First Responder

Exit

▶ ChatVC Scene



Smack

password

username

Button

Don't have an account? Sign up here

