SIMBA$_{iOS}$ Documentation

Release latest

Jul 02, 2018

Links

1 Installation **3**

2 Prerequisites **5**

3 Usage **7**

3.1 There are several views in the app 7

3.2 Modifying/Setting up “getting” 7

4 Links **9**

SIMBA

CHAPTER 1

Installation

- Hit the “Clone or Download” button in upper right corner of the github page
- Hit the “Open in Xcode” button.
- Hit the “Open Xcode” button on the popup.
- Choose where you want to save the project and hit clone.
- Xcode should open the project.

CHAPTER 2

Prerequisites

Note: These are already packaged in the app when you clone it.

- AlamoFire
- Swagger

CHAPTER 3

Usage

3.1 There are several views in the app

- View Controller | This is the main view of the app here you can go to the other views as well as select an account.
- Most Recent Audits Scene | This is the view that displays the last 10 audits you can click on any of them.
- Detail View Controller | This is the view that pops up whenever you click on one of the last 10 audits.
- Post View Controller | This is the view where you can post items. Fields can be left empty or populated when posting.

3.2 Modifying/Setting up "getting"

- Change the URL in "APIs.Swift"
- Setup the model in "Model.Swift" under the folder "Models"
- Change the path in "DefaultAPI.Swift" under the folder "APIs"
- Setup the decoder in "Models.Swift"
- Change the view controller to use the right data for the model
- Change the view layout and outlets to fit the new model

CHAPTER 4

Links

Swagger

AlamoFire

Github Repo

SIMBA Website

Step 1

- Hit the “Clone or Download” button in upper right corner of the github page

Go Home

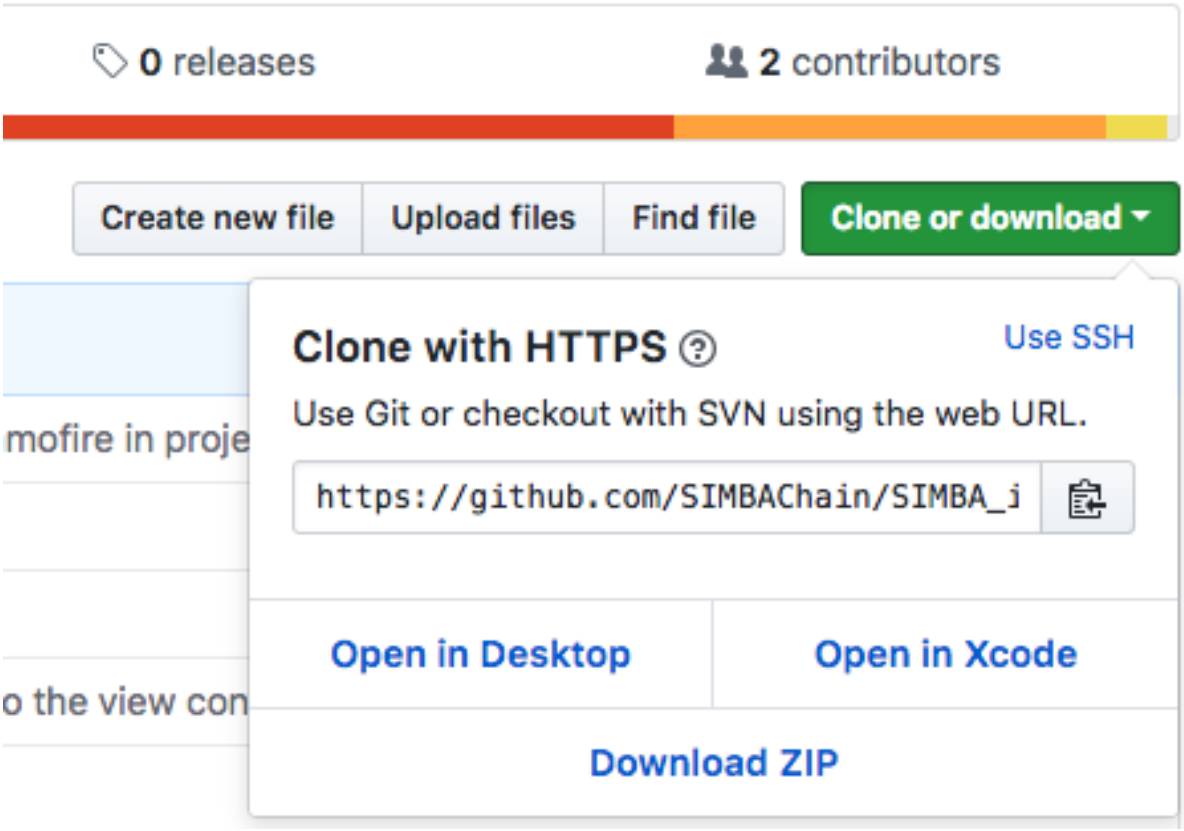
Step 2

- Hit the “Open in Xcode” button

Go Home

Step 3

- Hit the “Open Xcode” button on the popup


0 releases
2 contributors
Create new file
Upload files
Find file
Clone or download
Clone with HTTPS
Use SSH
Use Git or checkout with SVN using the web URL.
https://github.com/SIMBAChain/SIMBA_i
Open in Desktop
Open in Xcode
Download ZIP
mofire in proje
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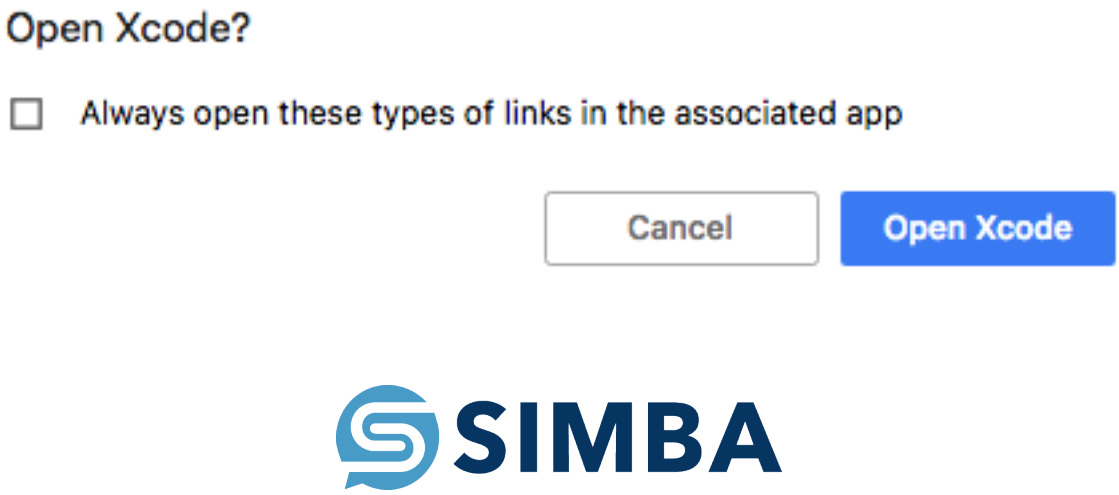
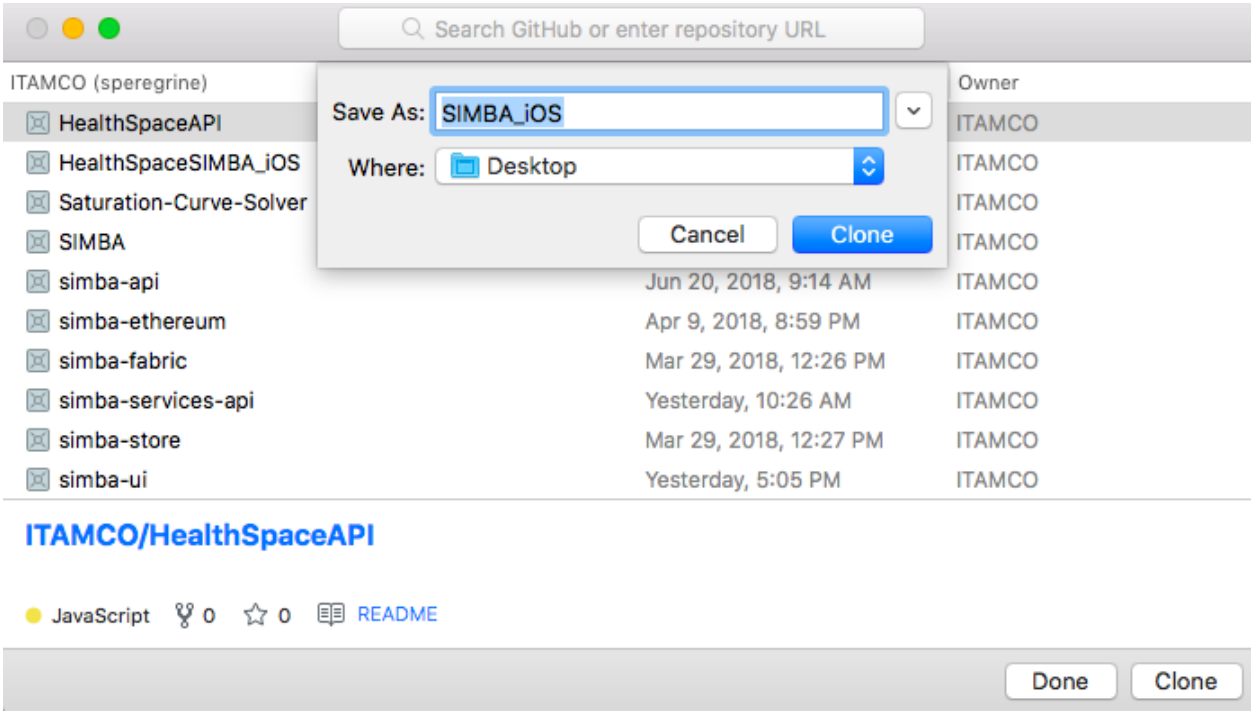

Open Xcode?
Always open these types of links in the associated app
Cancel
Open Xcode

Go Home

Step 4

- Choose where you want to save the project and hit clone



Go Home

Step 5

- Xcode should open the project

Go Home

APIs

- Change the URL in “APIs.Swift”

Go Home

Setup View Controller

- Change the view controller to use the right data for the model

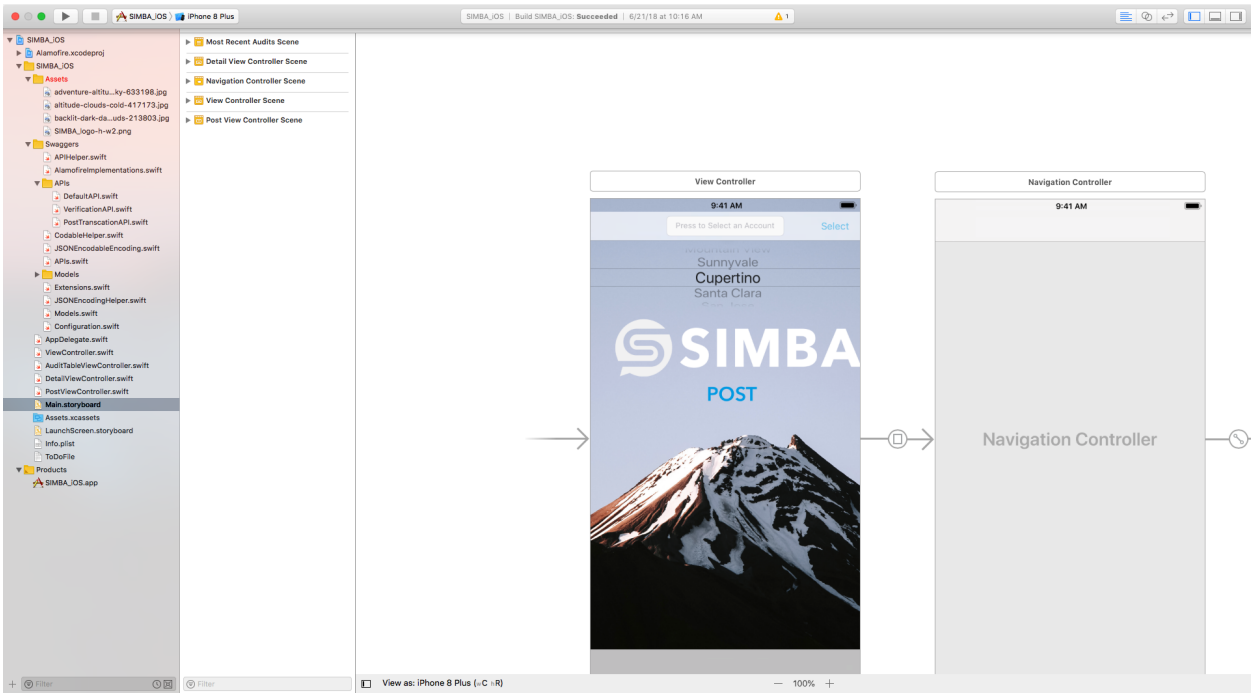
Go Home

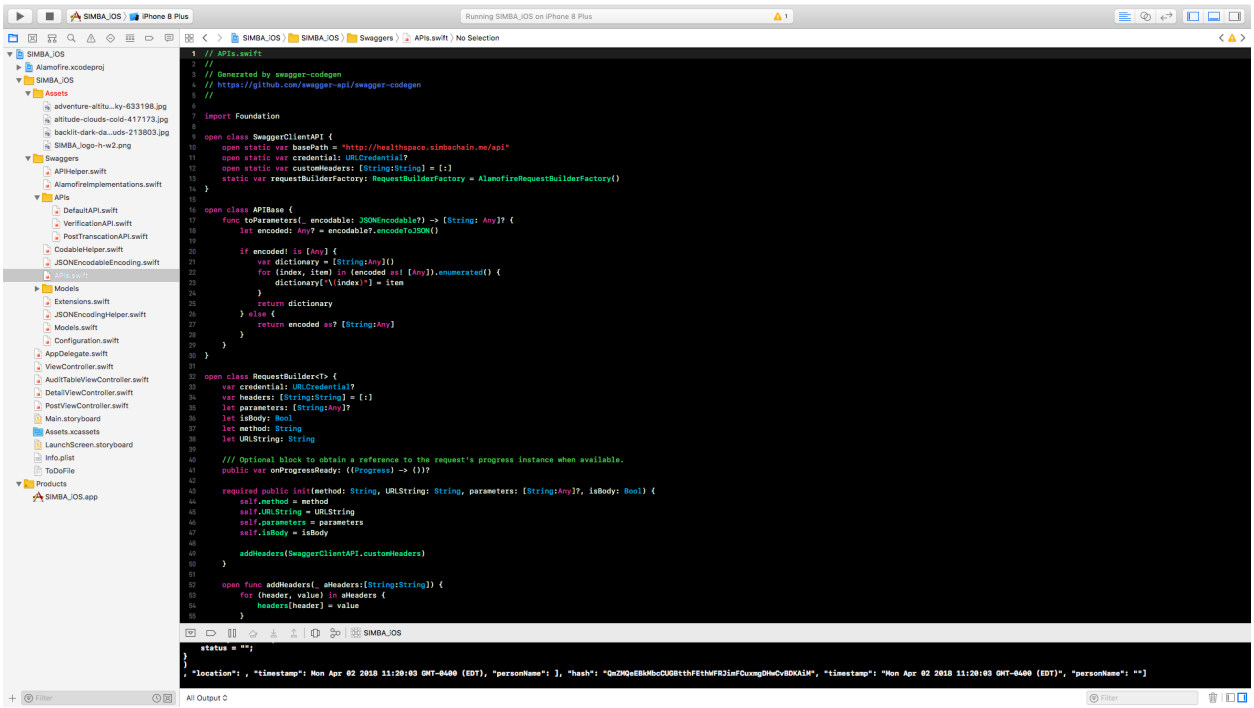
DefaultAPI

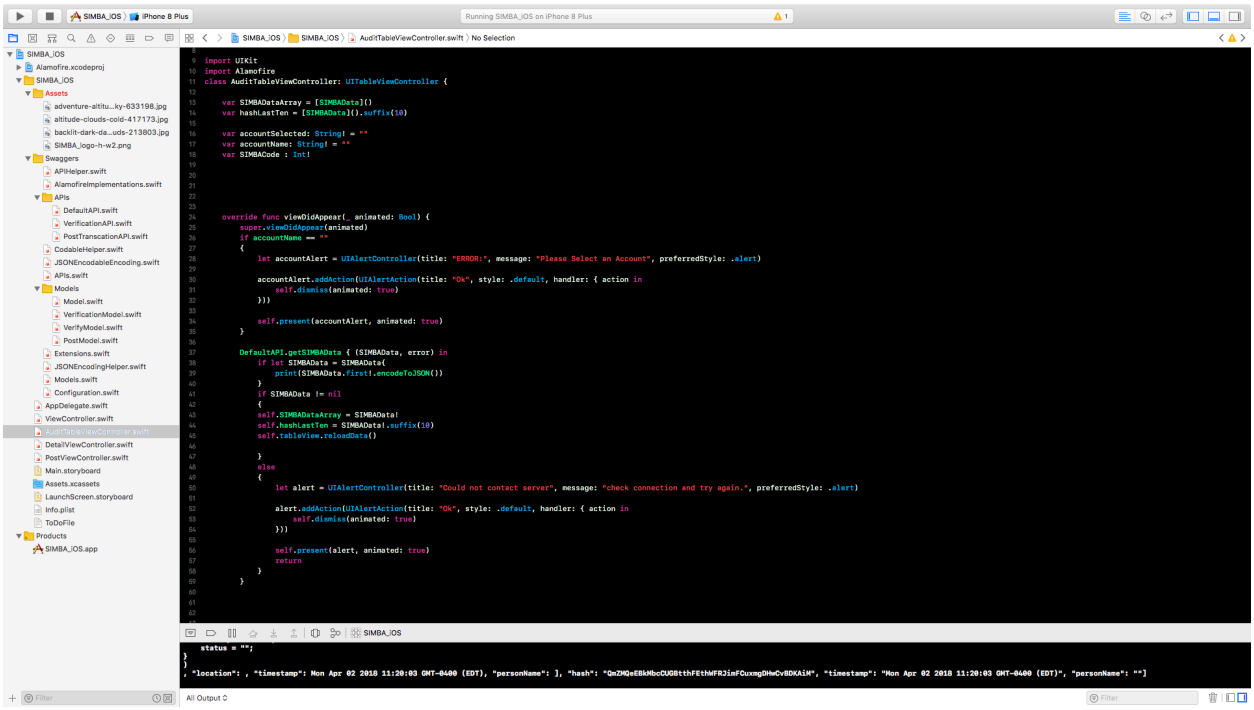
- Change the path in “DefaultAPI.Swift” under the folder “APIs”

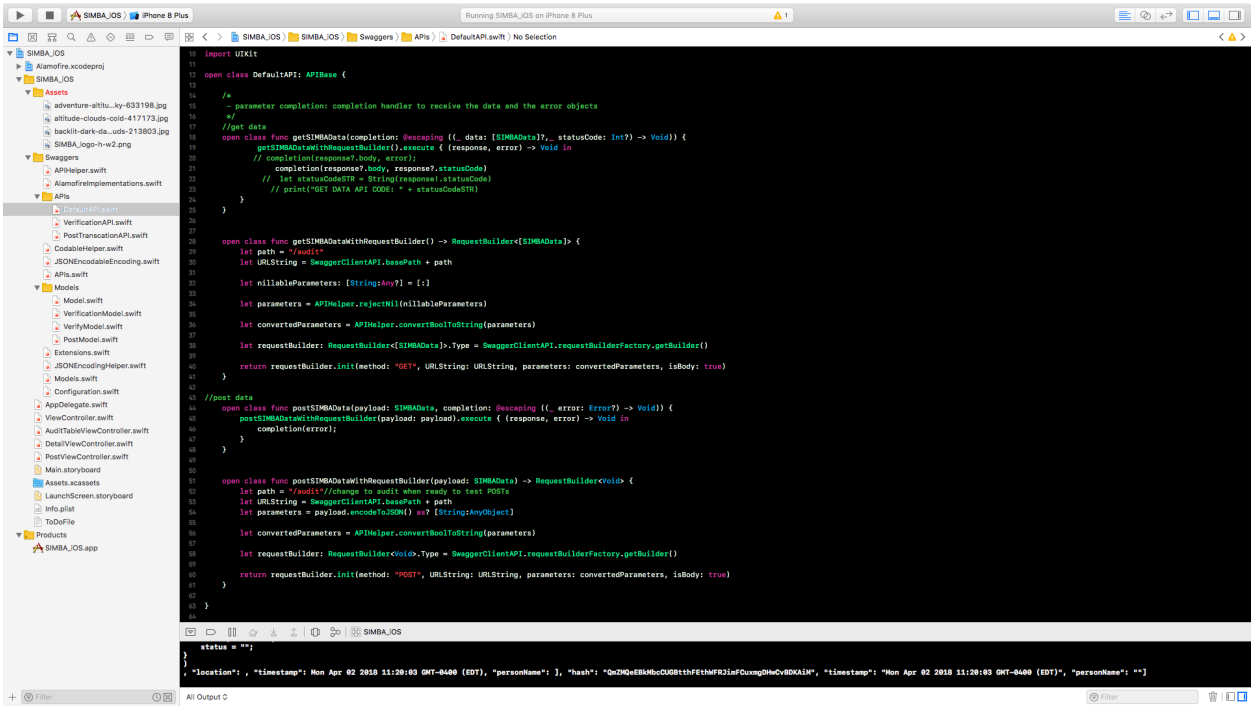
Go Home

Detail View Controller


View Controller
Navigation Controller
9:41 AM
Sunnyvale
Cupertino
Santa Clara
SIMBA
POST
Navigation Controller




SIMBA_iOS
iPhone 8 Plus
Running SIMBA_iOS on iPhone 8 Plus
AuditTableViewController.swift
No Selection
SIMBA_iOS
Alamofire.xcodeproj
Assets
Swaggers
APIs
Models
AppDelegate.swift
ViewController.swift
AuditTableViewController.swift
DetailViewController.swift
PostViewController.swift
Main.storyboard
Assets.xcassets
LaunchScreen.storyboard
Info.plist
ToDoFile
Products
SIMBA_iOS.app
import UIKit
import Alamofire
class AuditTableViewController: UITableViewController {
var SIMBADataArray = [SIMBAData]()
var hashLastTen = [SIMBAData]().suffix(10)
var accountSelected: String! = ""
var accountName: String! = ""
var SIMBACode : Int!
override func viewDidAppear(_ animated: Bool) {
super.viewDidAppear(animated)
if accountName == ""
{
let accountAlert = UIAlertController(title: "ERROR:", message: "Please Select an Account", preferredStyle: .alert)
accountAlert.addAction(UIAlertAction(title: "Ok", style: .default, handler: { action in
self.dismiss(animated: true)
}))
self.present(accountAlert, animated: true)
}
DefaultAPI.getSIMBAData { (SIMBAData, error) in
if let SIMBAData = SIMBAData{
print(SIMBAData.first!.encodeToJSON())
}
if SIMBAData != nil
{
self.SIMBADataArray = SIMBAData!
self.hashLastTen = SIMBAData!.suffix(10)
self.tableView.reloadData()
}
else
{
let alert = UIAlertController(title: "Could not contact server", message: "check connection and try again.", preferredStyle: .alert)
alert.addAction(UIAlertAction(title: "Ok", style: .default, handler: { action in
self.dismiss(animated: true)
}))
self.present(alert, animated: true)
return
}
}
SIMBA_iOS
status = "";
}
}
, "location": , "timestamp": Mon Apr 02 2018 11:20:03 GMT-0400 (EDT), "personName":], "hash": "QmZWQeEBkMbcCUGBtthFEthWFRJimFCuxmgDHwCvBDKAiM", "timestamp": "Mon Apr 02 2018 11:20:03 GMT-0400 (EDT)", "personName": ""]
All Output


SIMBA_iOS
iPhone 8 Plus
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DefaultAPI.swift
No Selection
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AuditTableViewController.swift
DetailViewController.swift
PostViewController.swift
Main.storyboard
Assets.xcassets
LaunchScreen.storyboard
Info.plist
ToDoFile
Products
SIMBA_iOS.app
import UIKit
open class DefaultAPI: APIBase {
/*
- parameter completion: completion handler to receive the data and the error objects
*/
//get data
open class func getSIMBAData(completion: @escaping ((_ data: [SIMBAData]?,_ statusCode: Int?) -> Void)) {
getSIMBADataWithRequestBuilder().execute { (response, error) -> Void in
// completion(response?.body, error);
completion(response?.body, response?.statusCode)
// let statusCodeSTR = String(response!.statusCode)
// print("GET DATA API CODE: " + statusCodeSTR)
}
}
open class func getSIMBADataWithRequestBuilder() -> RequestBuilder<[SIMBAData]> {
let path = "/audit"
let URLString = SwaggerClientAPI.basePath + path
let nillableParameters: [String:Any?] = [:]
let parameters = APIHelper.rejectNil(nillableParameters)
let convertedParameters = APIHelper.convertBoolToString(parameters)
let requestBuilder: RequestBuilder<[SIMBAData]>.Type = SwaggerClientAPI.requestBuilderFactory.getBuilder()
return requestBuilder.init(method: "GET", URLString: URLString, parameters: convertedParameters, isBody: true)
}
//post data
open class func postSIMBAData(payload: SIMBAData, completion: @escaping ((_ error: Error?) -> Void)) {
postSIMBADataWithRequestBuilder(payload: payload).execute { (response, error) -> Void in
completion(error);
}
}
open class func postSIMBADataWithRequestBuilder(payload: SIMBAData) -> RequestBuilder<Void> {
let path = "/audit"//change to audit when ready to test POSTs
let URLString = SwaggerClientAPI.basePath + path
let parameters = payload.encodeToJSON() as? [String:AnyObject]
let convertedParameters = APIHelper.convertBoolToString(parameters)
let requestBuilder: RequestBuilder<Void>.Type = SwaggerClientAPI.requestBuilderFactory.getBuilder()
return requestBuilder.init(method: "POST", URLString: URLString, parameters: convertedParameters, isBody: true)
}
}
SIMBA_iOS
status = "";
}
}
, "location": , "timestamp": Mon Apr 02 2018 11:20:03 GMT-0400 (EDT), "personName":], "hash": "QmZWQeEBkMbcCUGBtthFEthWFRJimFCuxmgDHwCvBDKAiM", "timestamp": "Mon Apr 02 2018 11:20:03 GMT-0400 (EDT)", "personName": ""]
All Output

- This is the view that pops up whenever you click on one of the last 10 audits

Go Home

Model

- Setup the model in "Model.Swift" under the folder "Models"

Go Home

Decoder

- Setup the decoder in "Models.Swift"

Go Home

Most Recent Audits Scene

- This is the view that displays the last 10 audits you can click on any of them

Go Home

Outlets

- Change the view layout and outlets to fit the new model

Go Home

Post View Controller

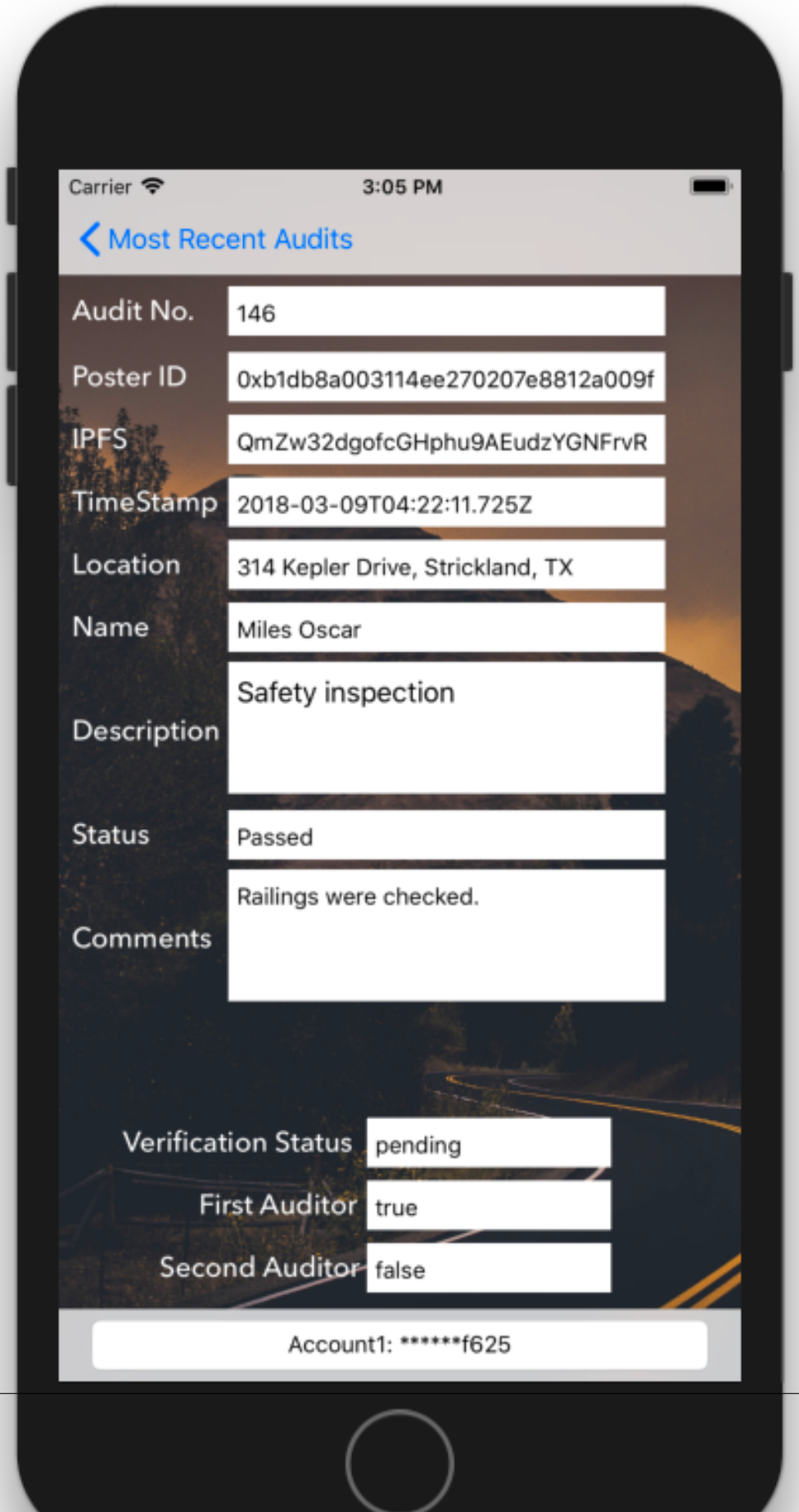
- This is the view where you can post items. Fields can be left empty or populated when posting

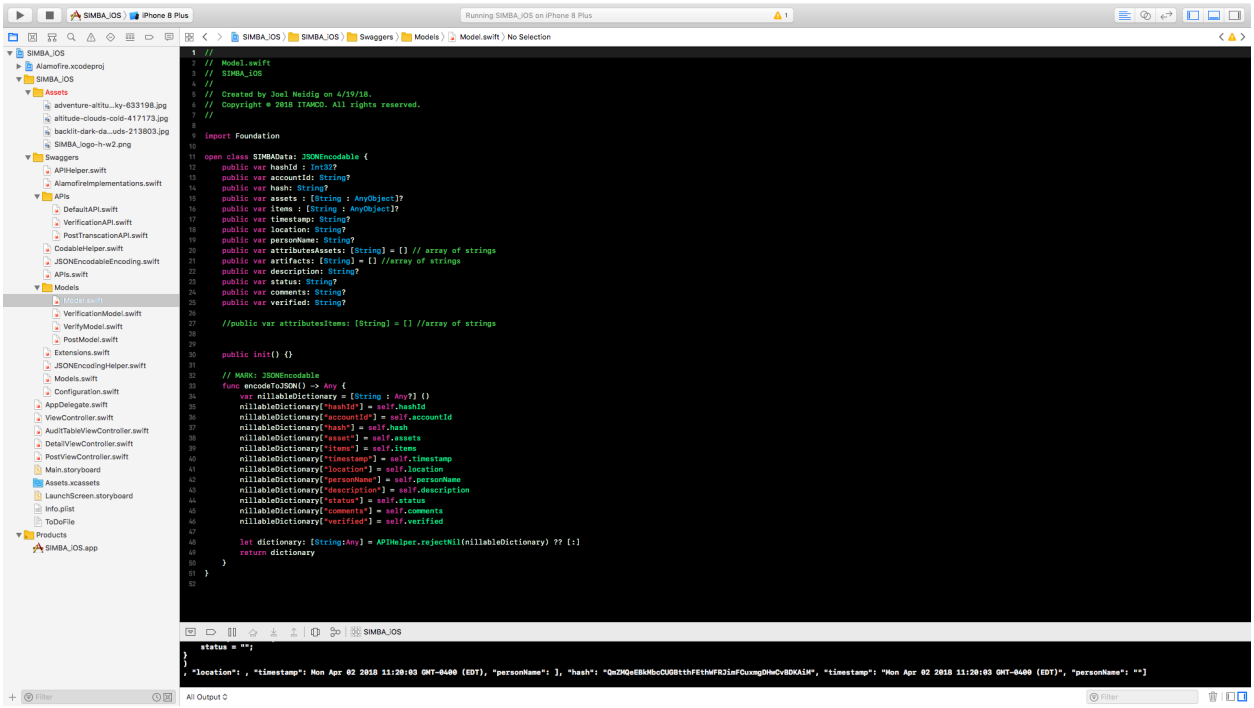
Go Home

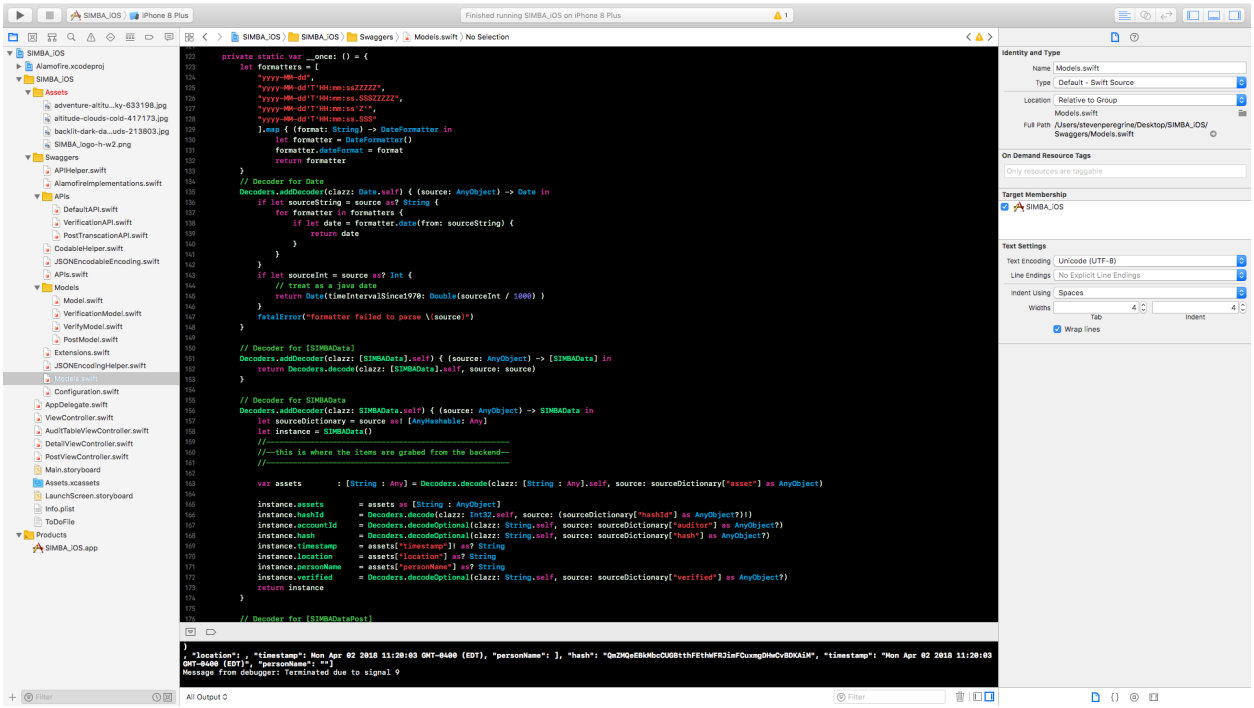
View Controller

- This is the main view of the app here you can go to the other views as well as select an account

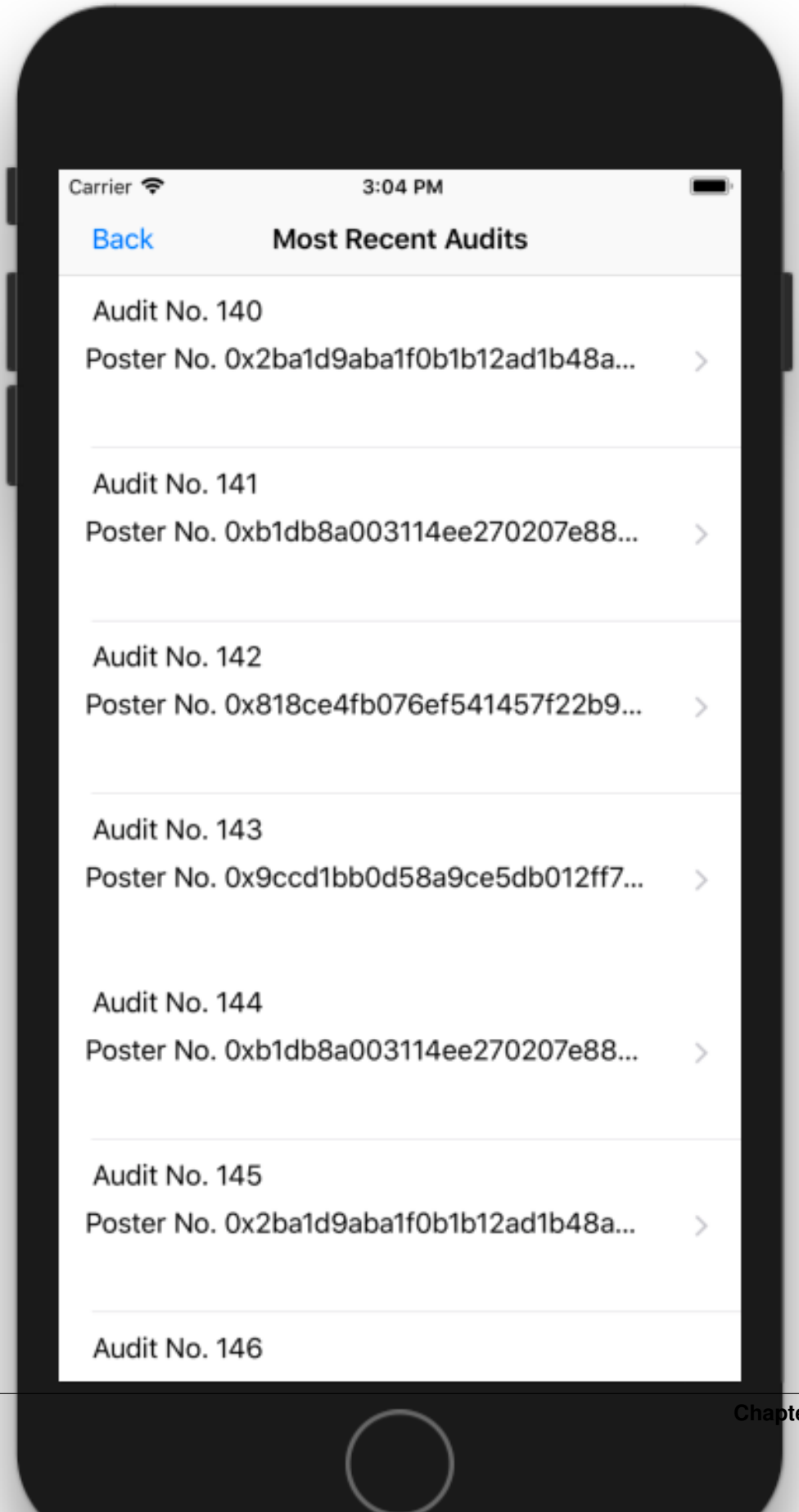
Go Home

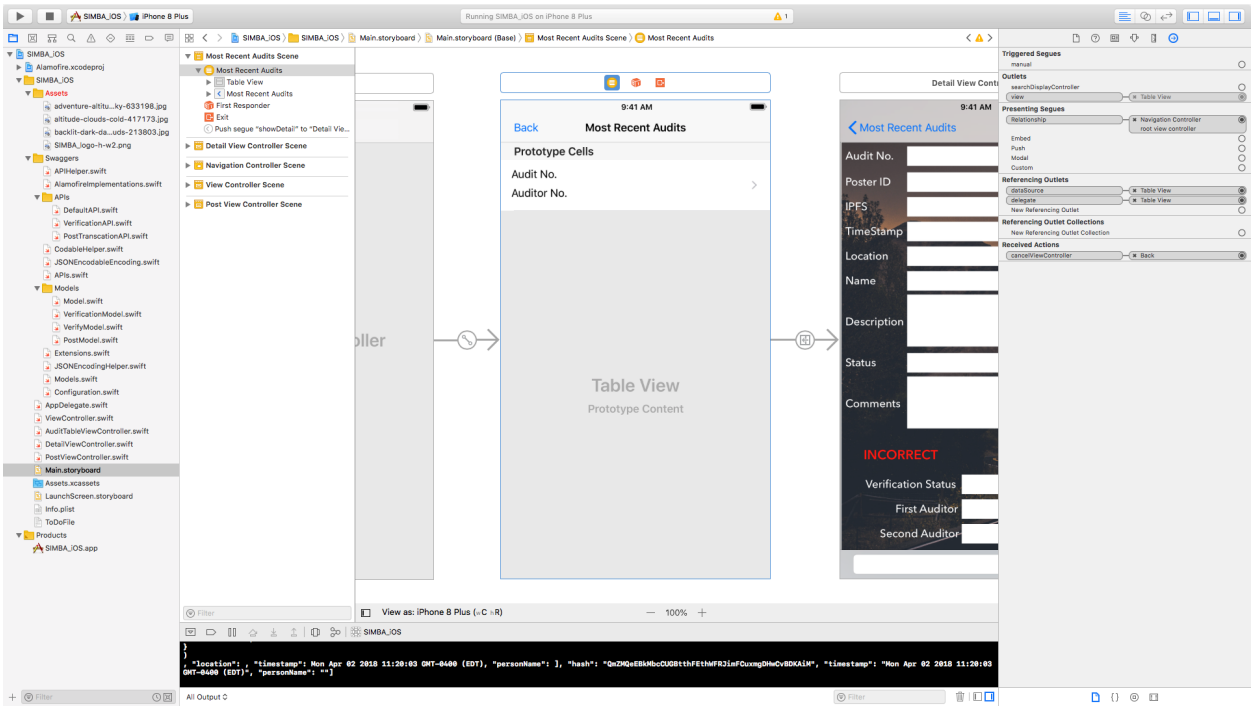

Carrier
3:05 PM
Most Recent Audits
Audit No.
146
Poster ID
0xb1db8a003114ee270207e8812a009f
IPFS
QmZw32dgofcGHphu9AEudzYGNFrvR
TimeStamp
2018-03-09T04:22:11.725Z
Location
314 Kepler Drive, Strickland, TX
Name
Miles Oscar
Description
Safety inspection
Status
Passed
Comments
Railings were checked.
Verification Status
pending
First Auditor
true
Second Auditor
false
Account1: ******f625





SIMBA


Carrier
3:04 PM
Back
Most Recent Audits
Audit No. 140
Poster No. 0x2ba1d9aba1f0b1b12ad1b48a...
Audit No. 141
Poster No. 0xb1db8a003114ee270207e88...
Audit No. 142
Poster No. 0x818ce4fb076ef541457f22b9...
Audit No. 143
Poster No. 0x9ccd1bb0d58a9ce5db012ff7...
Audit No. 144
Poster No. 0xb1db8a003114ee270207e88...
Audit No. 145
Poster No. 0x2ba1d9aba1f0b1b12ad1b48a...
Audit No. 146


Most Recent Audits Scene
Most Recent Audits
Table View
First Responder
Exit
Detail View Controller Scene
Navigation Controller Scene
View Controller Scene
Post View Controller Scene
9:41 AM
Back
Most Recent Audits
Prototype Cells
Audit No.
Auditor No.
Table View
Prototype Content
Most Recent Audits
Audit No.
Poster ID
IPFS
TimeStamp
Location
Name
Description
Status
Comments
INCORRECT
Verification Status
First Auditor
Second Auditor

Carrier
3:04 PM
Back
SIMBA
Location
Name
Description
Status
Comments
POST
Account1: ******f625

SIMBA

Carrier
3:04 PM
Press to Select an Account
SIMBA
POST
AUDIT