

Dashboard: iOS(Swift) Application

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Important Notes:

Development Environment : Xcode 6.0 (6A313)

Language: Swift

This is a storyboard based template and it uses `ECSlidingViewController` to create the sliding menu. `ECSlidingViewController` with storyboard id “`ECSlidingViewController`” is the most important class.

In order to change the sliding menu view controller go to the identity inspector > User defined runtime attributes and change the value of “`underLeftViewControllerStoryboardId`” key to storyboard ID of desired view controller. Similarly in order to change the top view controller when this sliding menu loads change the value of “`topViewControllerStoryboardId`” key.

AppDelegate Class Reference

Inherits from	UIResponder
Conforms to	UIApplicationDelegate
Declared in	AppDelegate.swift

Tasks

- application: didFinishLaunchingWithOptions:
- applicationWillResignActive:
- applicationDidEnterBackground:
- applicationWillEnterForeground:
- applicationDidBecomeActive:
- applicationWillTerminate:

Instance Methods

application: didFinishLaunchingWithOptions:

```
func application(application: UIApplication,  
didFinishLaunchingWithOptions launchOptions: NSDictionary?) -> Bool
```

applicationWillResignActive:

```
func applicationWillResignActive(application: UIApplication)
```

applicationDidEnterBackground:

```
func applicationDidEnterBackground(application: UIApplication)
```

applicationWillEnterForeground:

```
func applicationWillEnterForeground(application: UIApplication)
```

applicationDidBecomeActive:

```
func applicationDidBecomeActive(application: UIApplication)
```

applicationWillTerminate:

```
func applicationWillTerminate(application: UIApplication)
```

Variables

```
var window: UIWindow?
```

MainViewController Class Reference

Inherits from	UIViewController
Declared in	MainViewController.swift

Tasks

- viewDidLoad
- didReceiveMemoryWarning
- populateArray
- addItem: withTitle: andSegue: selectedIcon:
- tableView: numberOfRowsInSection:
- numberOfSectionsInTableView:
- tableView: cellForRowAtIndexPath:
- tableView: didSelectRowAtIndexPath:
- deselectCell: indexP:
- tableView: didDeselectRowAtIndexPath:
- unwindToMenuViewController:

Instance Methods

viewDidLoad

```
override func viewDidLoad()
```

didReceiveMemoryWarning

```
override func didReceiveMemoryWarning()
```

populateArray


```
func populateArray()
```

addItem: withTitle: andSegue: selectedIcon:

```
func addItem(icon:String, withTitle title:String, andSegue  
segue:String, selectedIcon selIcon:String)
```

tableView: numberOfRowsInSection:

```
func tableView(tableView: UITableView!, numberOfRowsInSection section:  
Int) -> Int
```

numberOfSectionsInTableView:

```
func numberOfSectionsInTableView(tableView: UITableView!) -> Int
```

tableView: cellForRowAtIndexPath:

```
func tableView(tableView: UITableView!, cellForRowAtIndexPath  
indexPath: NSIndexPath!)
```

tableView: didSelectRowAtIndexPath:

```
func tableView(tableView: UITableView!, didSelectRowAtIndexPath  
indexPath: NSIndexPath!)
```

deselectCell: indexP:

```
func deselectCell(cell:LoginTableViewCell, indexP: NSIndexPath!)
```

tableView: didDeselectRowAtIndexPath:

```
func tableView(tableView: UITableView!, didDeselectRowAtIndexPath  
indexPath: NSIndexPath!)
```

unwindToMenuViewController:

```
@IBAction func unwindToMenuViewController(segue: UIStoryboardSegue)
```

Variables

```
@IBOutlet var tblItems : UITableView!  
var items : NSMutableArray!
```

LoginViewController Class Reference

Inherits from	UIViewController
Declared in	LoginViewController.swift

Tasks

- viewDidLoad
- didReceiveMemoryWarning
- willShowKeyBoard:
- willHideKeyBoard:
- textFieldShouldReturn:
- loginSuccessful

Instance Methods

viewDidLoad

```
override func viewDidLoad()
```

didReceiveMemoryWarning

```
override func didReceiveMemoryWarning()
```

willShowKeyBoard:

```
func willShowKeyBoard(notification : NSNotification)
```

willHideKeyBoard:

```
func willHideKeyBoard(notification : NSNotification)
```

textFieldShouldReturn:

```
func textFieldShouldReturn (textField: UITextField!) -> Bool
```

loginSuccessful

```
@IBAction func loginSuccessful()
```

Variables

```
@IBOutlet var contentScroll: UIScrollView!  
@IBOutlet var txtUsername : UITextField!  
@IBOutlet var txtPassword : UITextField!
```

SalesViewController Class Reference

Inherits from	UIViewController
Declared in	SalesViewController.swift

Tasks

- viewDidLoad
- didReceiveMemoryWarning
- tableView: numberOfRowsInSection:
- numberOfSectionsInTableView:
- tableView: cellForRowAtIndexPath:
- addItem
- tableView: didSelectRowAtIndexPath:

Instance Methods

viewDidLoad

```
override func viewDidLoad()
```

didReceiveMemoryWarning

```
override func didReceiveMemoryWarning()
```

tableView: numberOfRowsInSection:

```
func tableView(tableView: UITableView!, numberOfRowsInSection section: Int) -> Int
```

numberOfSectionsInTableView:

```
func numberOfSectionsInTableView(tableView: UITableView!) -> Int
```

tableView: cellForRowAtIndexPath:

```
func tableView(tableView: UITableView!, cellForRowAtIndexPath  
indexPath: NSIndexPath!) -> UITableViewCell!
```

addItem

```
func addItem()
```

tableView: didSelectRowAtIndexPath:

```
func tableView(tableView: UITableView!, didSelectRowAtIndexPath  
indexPath: NSIndexPath!)
```

Variables

```
var items : NSMutableArray!  
var itemHeading: NSMutableArray!  
@IBOutlet var tblSales :UITableView!
```

DashboardViewController Class Reference

Inherits from	UIViewController
Declared in	DashboardViewController.swift

Tasks

- viewDidLoad
- didReceiveMemoryWarning
- addItem
- tableView: numberOfRowsInSection:
- numberOfSectionsInTableView:
- tableView: cellForRowAtIndexPath:
- tableView: didSelectRowAtIndexPath:
- calendarView: didSelectRange:
- calendarView: didChangeToVisibleMonth:
- calendarView: shouldAnimateDragToMonth:
- calendarView: willChangeToVisibleMonth: duration:
- scrollViewDidEndDragging: willDecelerate:
- scrollViewDidEndDecelerating:

Instance Methods

viewDidLoad

```
override func viewDidLoad()
```

didReceiveMemoryWarning

```
override func didReceiveMemoryWarning()
```

addItems

```
func addItems()
```

tableView: numberOfRowsInSection:

```
func tableView(tableView: UITableView!, numberOfRowsInSection section:  
Int) -> Int
```

numberOfSectionsInTableView:

```
func numberOfSectionsInTableView(tableView: UITableView!) -> Int
```

tableView: cellForRowAtIndexPath:

```
func tableView(tableView: UITableView!, cellForRowAtIndexPath  
indexPath: NSIndexPath!) -> UITableViewCell!
```

tableView: didSelectRowAtIndexPath:

```
func tableView(tableView: UITableView!, didSelectRowAtIndexPath  
indexPath: NSIndexPath!)
```


calendarView: didSelectRange:

```
func calendarView(calendarView: DSLCalendarView!, didSelectRange range: DSLCalendarRange!)
```

calendarView: didChangeToVisibleMonth:

```
func calendarView(calendarView: DSLCalendarView!, didChangeToVisibleMonth month: NSDateComponents!)
```

calendarView: shouldAnimateDragToMonth:

```
func calendarView(calendarView: DSLCalendarView!, shouldAnimateDragToMonth month: NSDateComponents!) -> Bool
```

calendarView: willChangeToVisibleMonth: duration:

```
func calendarView(calendarView: DSLCalendarView!, willChangeToVisibleMonth month: NSDateComponents!, duration: NSTimeInterval)
```

scrollViewDidEndDragging: willDecelerate:

```
func scrollViewDidEndDragging(scrollView: UIScrollView, willDecelerate decelerate: Bool)
```

scrollViewDidEndDecelerating:

```
func scrollViewDidEndDecelerating(scrollView: UIScrollView)
```

Variables

```
@IBOutlet var tblGraphs: UITableView!  
var items : NSMutableArray
```

ScrollHeaderViewController Class Reference

Inherits from	UIViewController
Declared in	ScrollHeaderViewController.swift

Tasks

- viewDidLoad
- didReceiveMemoryWarning
- showCalender
- hideCalender
- showRangeView
- hideRangeView

Instance Methods

viewDidLoad

```
override func viewDidLoad()
```

didReceiveMemoryWarning

```
override func didReceiveMemoryWarning()
```

showCalender

```
@IBAction func showCalender()
```

hideCalender

```
@IBAction func hideCalender()
```

showRangeView

```
@IBAction func showRangeView()
```

hideRangeView

```
@IBAction func hideRangeView()
```

Variables

```
@IBOutlet var topScroll : UIScrollView!  
@IBOutlet var contentScroll : UIScrollView!  
@IBOutlet var rangeView :UIView!  
@IBOutlet var dateRangeLbl : UILabel!  
@IBOutlet var calenderView : DSLCalendarView!  
var isRangeOpen
```

DashboardDetailViewController

Class Reference

Inherits from	UIViewController
Declared in	DashboardDetailViewController.swift

Tasks

- viewDidLoad
- didReceiveMemoryWarning

Instance Methods

viewDidLoad

```
override func viewDidLoad()
```

didReceiveMemoryWarning

```
override func didReceiveMemoryWarning()
```