

Loyalty Cards: iOS(Swift) Application

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Important Notes:

Development Environment : Xcode 6.1 (6A1042b)

Language: Swift

This template is developed as a Tab bar based application. The tab bar is constructed inside the main storyboard.

Each view controller of the tab bar is a navigation controller and to customize various screens you need to customize the root view controllers associated to these navigation controllers.

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?
```

LoginViewController Class Reference

Inherits from	UIViewController
Declared in	LoginViewController.swift

Tasks

- viewDidLoad
- setupEmailTxtField
- setupPasswordTxtField
- textFieldShouldReturn:
- didReceiveMemoryWarning
- signInButtonTapped:

Instance Methods

viewDidLoad

```
override func viewDidLoad()
```

setupEmailTxtField

```
func setupEmailTxtField()
```

setupPasswordTxtField

```
func setupPasswordTxtField()
```


textFieldShouldReturn:

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

didReceiveMemoryWarning

```
override func didReceiveMemoryWarning()
```

signInButtonTapped:

```
@IBAction func signInButtonTapped(sender : UIButton)
```

Variables

```
@IBOutlet var txtEmail : UITextField!  
@IBOutlet var txtPassword : UITextField!
```

ProfileViewController Class Reference

Inherits from	UIViewController
Declared in	ProfileViewController.swift

Tasks

- viewDidLoad
- logout:
- didReceiveMemoryWarning
- tableView: numberOfRowsInSection:
- numberOfSectionsInTableView:
- tableView: cellForRowAtIndexPath:

Instance Methods

viewDidLoad

```
override func viewDidLoad()
```

logout:

```
@IBAction func logout (sender : AnyObject)
```

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!
```

Variables

```
var arrCategories : NSArray!  
@IBOutlet var tblContents: UITableView!
```

SearchViewController Class Reference

Inherits from	UIViewController
Declared in	SearchViewController.swift

Tasks

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

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!
```

Variables

```
var arrCategories : NSArray!  
var arrIcons : NSArray!  
@IBOutlet var tblContents: UITableView!
```

MyCardsViewController Class Reference

Inherits from	UIViewController
Declared in	MyCardsViewController.swift

Tasks

- viewDidLoad
- didReceiveMemoryWarning
- tableView: numberOfRowsInSection:
- numberOfSectionsInTableView:
- tableView: cellForRowAtIndexPath:
- viewDidLoadAppear:
- tableView: heightForRowAtIndexPath:

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!
```

viewDidAppear:

```
override func viewDidAppear(animated: Bool)
```

tableView: heightForRowAtIndexPath:

```
func tableView(tableView: UITableView!, heightForRowAtIndexPath  
indexPath: NSIndexPath!) -> CGFloat
```

Variables

```
var isSignedIn = false  
var arrIcons : NSArray!  
var selectedIndexPath = -1  
var isTableCellSelected = false  
@IBOutlet var tblContents: UITableView!
```

ScannerViewController Class Reference

Inherits from	UIViewController
Declared in	ScannerViewController.swift

Tasks

- viewDidLoad
- beginSession
- modeSelected:
- didReceiveMemoryWarning

Instance Methods

viewDidLoad

```
override func viewDidLoad()
```

beginSession

```
func beginSession()
```

modeSelected:

```
@IBAction func modeSelected (sender: UIButton)
```


didReceiveMemoryWarning

```
override func didReceiveMemoryWarning()
```

Variables

```
@IBOutlet var scannerView : UIView!  
@IBOutlet var viewKeyboard : UIView!  
@IBOutlet var txtBarcode : UITextField!  
@IBOutlet var btnCamera : UIButton!  
@IBOutlet var btnKeyboard : UIButton!  
let captureSession = AVCaptureSession()  
var previewLayer : AVCaptureVideoPreviewLayer?  
var captureDevice : AVCaptureDevice?
```

ProfileTableViewCell Class Reference

Inherits from	UITableViewCell
Declared in	ProfileTableViewCell.swift

Tasks

- awakeFromNib
- setSelected: animated:

Instance Methods

awakeFromNib

```
override func awakeFromNib()
```

setSelected: animated:

```
override func setSelected(selected: Bool, animated: Bool)
```

Variables

```
@IBOutlet var lblTitle : UILabel!  
@IBOutlet var btnOn : UIButton!  
@IBOutlet var btnOff : UIButton!
```

SearchTableViewCell Class Reference

Inherits from	UITableViewCell
Declared in	SearchTableViewCell.swift

Tasks

- awakeFromNib
- setSelected: animated:

Instance Methods

awakeFromNib

```
override func awakeFromNib()
```

setSelected: animated:

```
override func setSelected(selected: Bool, animated: Bool)
```

Variables

```
@IBOutlet var lblTitle : UILabel!  
@IBOutlet var imgIcon : UIImageView!
```

CardTableViewCell Class Reference

Inherits from	UITableViewCell
Declared in	CardTableViewCell.swift

Tasks

- `awakeFromNib`
- `setSelected:animated:`

Instance Methods

awakeFromNib

```
override func awakeFromNib()
```

setSelected:animated:

```
override func setSelected(selected: Bool, animated: Bool)
```

Variables

```
@IBOutlet var imgIcon : UIImageView!
```

CustomTabbarViewController

Class Reference

Inherits from	UITabBarController
Declared in	CustomTabbarViewController.swift

Tasks

- viewDidLoad
- didReceiveMemoryWarning

Instance Methods

viewDidLoad

`override func viewDidLoad()`

didReceiveMemoryWarning

`override func didReceiveMemoryWarning()`