[**TopCoder**]

Convert existing HTML5 prototype to Swift iOS + Integrate Salesforce Mobile SDK oAuth [Swiftoberfest] - Deployment Guide

Revision History

Author	Revision Number	Date
TCASSEMBLER	1.0	Oct 11, 2015

Convert existing HTML5 prototype to Swift iOS
+ Integrate Salesforce Mobile SDK oAuth [Swiftoberfest] - Deployment Guide

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Deployment Instructions

1. Deployment Dependencies

Before performing a deployment, it is assumed that the following have been set up:

- Xcode 7.0+
- OS X 10.10.5 or above
- iOS SDK 9.0 or above
- iPhone device with iOS 9.0+ (optional)

2. Organization of Submission

- *src* – this directory contains the source code
- *src/MoodRing/MoodRing.xcodeproj* – Xcode project to open.
- *docs* – this directory contains the documents for this application, including this deployment guide
- src/external/ - this directory contains compiled static libraries and header of SalesforceMobileSDK-iOS

3. 3rd party Libraries

SalesforceMobileSDK-iOS - https://github.com/forcedotcom/SalesforceMobileSDK-iOS commit 7307c4255e74edde5d963de843a8b7a53b46ecc6

4. Configuration

4.1. MoodRing/Supporting Files/configurations.plist

configuration.plist configuration file is located in "*MoodRing/General/*" group in Xcode project. The file contains the following options:

- **isManagerFlag** (Bool) - flag used to switch between manager (YES) and a common user (NO) roles. Used for verification of the prototype app. Should be removed in future.
- **salesforceKey** (Number) - the Salesforce SDK API key obtained from Salesforce website from a corresponding connected mobile app.
- **salesforceCallback** (Number) - the URI for the Salesforce SDK callback obtained from Salesforce website from a corresponding connected mobile app.

5. Deployment Instructions

5.1. Configure the app

You must provide Salesforce SDK API key and callback URI in configuration.plist (see 4. Configuration). You can use the prepared demo credentials from *docs/TEST_CREDENTIALS* file. To switch between manager and common user roles you should change **salesforceCallback** use flag correspondently. Set YES to enter to the app as a manager or set

NO to enter as a common user. The actual used Salesforce account will not affect the role type in this prototype app.

5.2. Build and run the app in a simulator or on a real device

To build and run the app in a simulator or on a real device you will need to do the following:

i. Open *src/MoodRing/MoodRing.xcodeproj* in Xcode
ii. Select a real device (when connected) or a simulator from the top left dropdown list.
iii. Click menu Product -> Run (Cmd+R)
iv. Follow the verification steps in 7. Verification

6. Starting

See 5. Deployment Instructions on how to build and run the application.

7. Verification

Once you finished the 5. Deployment Instructions and have iOS application launched follow the challenge description, forum and prototype HTML application deployed at https://appirio-mood-ring.herokuapp.com
Also check the provided video - https://youtu.be/XfEk5cQkv14

8. Resource Contact List

Name	Resource Email
TCASSEMBLER	Through TopCoder Member Contact