App Maintenance Documentation:
Target Environment: Swift 6.4 + and iOS 6 Target
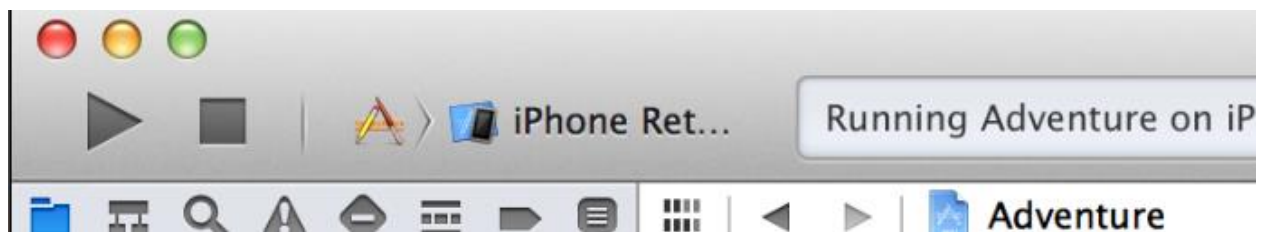App Install Instructions:
The current iteration of the app is a prototype that can be extended and developed into a stable release version of the app. Because it is a public facing app intended for iOS users, the app must be submitted to the App Store. The following is a guide on how to submit:

https://developer.apple.com/library/ios/documentation/IDEs/Conceptual/AppDistributionGuide/SubmittingYourApp/SubmittingYourApp.html

App installation and maintenance (i.e. updates and bug fixes) will be facilitated through the App Store and the Apple Developer website.

Instructions for running the current prototype is as follows:

1. Clone the following repository (or if from a separate private repository you choose to push the code to) onto your Mac:
2. Install XCode Version 6.4+ if you have not already.
   https://github.com/duke-compsci408-fall2015/CancerCenter
3. Open the CancerInstituteDemo.xcworkspace app (**important!** Must open this and not .xcodeproj to avoid compile errors). The .xcworkspace is compatible with external libraries that we've used through CocoaPods.
4. Click build and run (figure below) on simulator. If you want to run the code on your own device, you must sign and provision the app. You must have an Apple Developers account. Below is a guide on how to sign and provision the app:
   https://developer.apple.com/library/mac/documentation/IDEs/Conceptual/AppDistributionGuide/LaunchingYourApponDevices/LaunchingYourApponDevices.html

Server Information:
The backend data held within the app (Event Information, Wait-Times and Provider Information) are all stored in a SQLite database using DreamFactory (powered by BitNami). In order to access and modify the database, you must log in to your DreamFactory account (after tech transfer is complete) and access the **df.cancerdemo.enterprise.dreamfactory.com** instance. From there, do the following to modify the database:

1. Click on Data up in the top menu area.

2. From there, select the Cancer App Data database service:

Select table allows you to access all the tables associated with the app (EventInfo, ProviderInfo).

If you want to modify the schema (add new tables or add new fields) in any way, click the schema menu item at the top. Again select Cancer App Data as the DB service.

Click create to create a new table within this service. And click add new field if you want to add new fields.