Code Flow and SDK Architecture Document

Models

Generic Models
Models that signify important Entities

Generic Model Streams
Models for streams of these Entities

User Model [singleton]
Shared Instance

Interface

Instantiation and Key Setting
For Registration and Authentication of SDK

Core Functionality
Methods relevant to core functionality of SDK
6-8 Core functionality based methods

Cache Manager

Load and Store Implementation
NSCoding, NS Archiving Protocols

Load and Store uses Local Storage

Time Module for
- Cache Refreshment
- Marking Cache as stale or fresh

Networking Manager

REST API Calls
REST API Calls using Networking Sessions

Cache Refreshment
Cache update everytime a network call is made

Implementation

Instantiation and Key Setting
Implementation of Registration and Auth Methods

Core Functionality
Implementation of Core functionality Methods
Implementation accesses the Cache Manager

Reaction Manager

Reactions Interface
Interface useful for Instantiating Reactions

Reactions Module
Models, Views and Controllers for Reactions

Key Store
API Keys for Authentication

WIKI and Documentation
API WIKI and Documentation

Other Modules

Utilities
UIExtensions, String Extensions etc.

Enums
Enums for the SDK

Protocols
Protocols for the SDK

Constants
Constants for the SDK