

Design Details

Technology Used

- Autolayout, Size class
- JSON
- NodeJS
- RESTful Web Services
- CocoaPods for dependency management.
- Google Maps API
- Siesta framework
- SwiftyJSON framework

Design Pattern Used

1. Creational pattern
 - 1.1. Singleton
 - 1.2. Abstract factory
2. Structural pattern
 - 2.1. MVC
 - 2.2. Decorator
 - 2.3. Adapter
 - 2.4. Façade
 - 2.5. Bridge
3. Behavioral pattern
 - 3.1. Observer
 - 3.2. Memento

Explanation of Architecture

- All of the API calls have been managed from **JitenshaAPI**. It's basically API and App manager. It's a singleton class. Only this class talks to the server.
- **AppKeys** class keeps the public keys.
- **Utils** class holds the class functions which gonna be used all through the app. It's utility class.
- Classes into **AppearanceHelpers** handles the global appearance of the app.

Class Diagram

This diagram only indicated the major/main classes of this project and it's communication flow.

