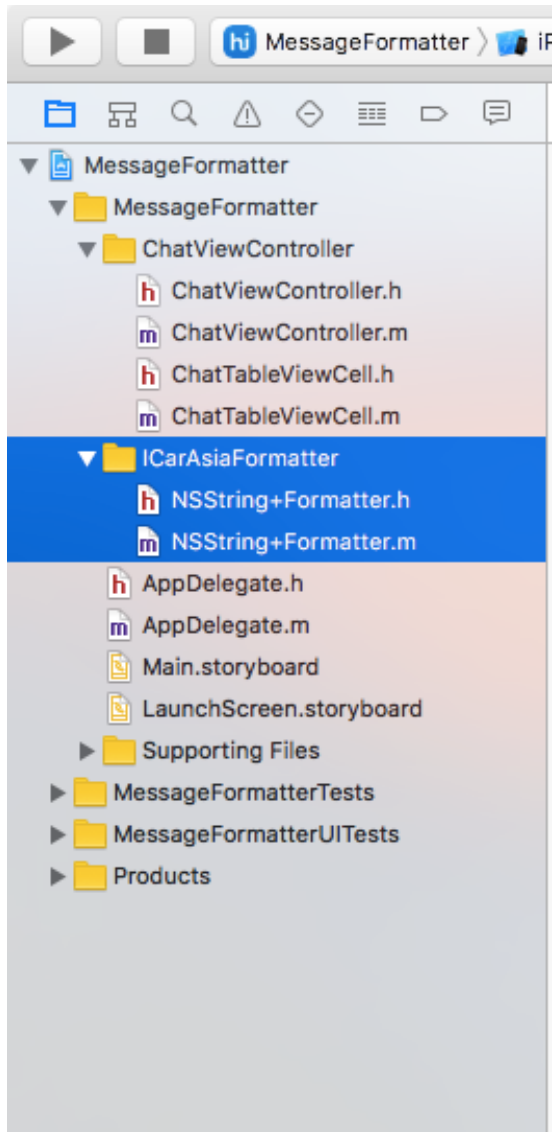# iCarAsia Message Formatter

Project Guide - V1.0

Contents

- Introduction

- How to import the Library to Other Projects
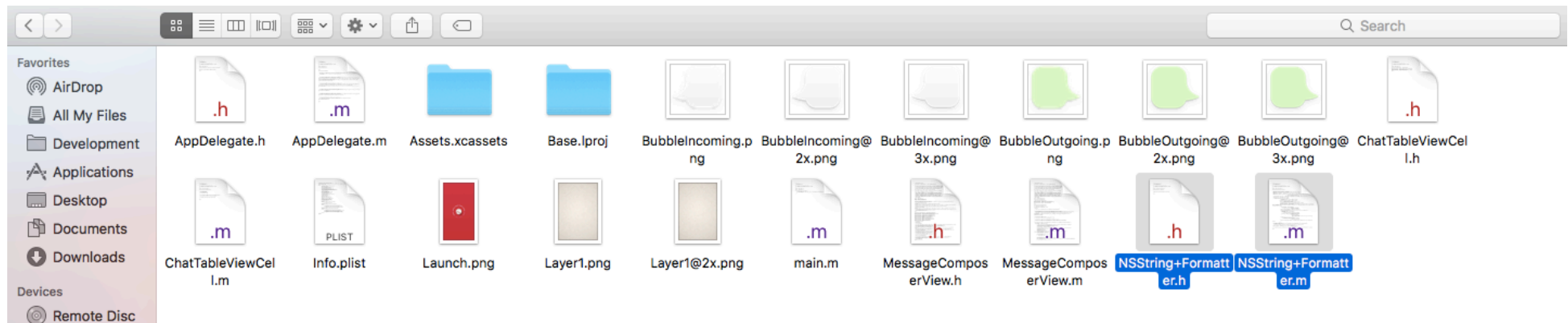
- Example App.

Introduction

- This Project is aimed at Developing an iOS App, which can blacklist Phone Numbers, external Urls, Email Address, between the Customer and Dealer exchanged via chat Feature of iCarAsia iOS Mobile App.

- This Has been achieved by implementing a custom *"NSString+Formatter.h"* NSString Category - A extension class which extends the functionality of existing classes, and access those functions similar to accessing any other class functions.

- The Library is not just limited to blacklisting phone number of Format +CCAABBBBBBBB but also capable of blacklisting PhoneNumber of the various formats widely used in Asia.

- Eg:

    +601111500895 - (12Digits and '+')

    +60 3 2776 6000 - (icarAsia Contact)

- The Library is not just limited to blacklisting external URL's but also can black list user email Addresses, as integrity is compromised if they are shared.

How to import the Library to Other Projects

- To Import, identify "NSString+Formatter.h" and "NSString+Formatter.m" in the Project Folder. Copy those files to the Designated project in the Xcode.

- Make sure that the "Copy Items if Needed" is checked while copying.

- once Copied, Import Header "NSString+Formatter.h" to any class that requires to use the library which will allow them to black list the Phone number and external URL's in the string.

```
//
//  ChatViewController.m
//  MessageFormatter
//
//  Created by Sri Ram on 21/01/2017.
//  Copyright © 2017 Sri Ram. All rights reserved.
//

#import "ChatViewController.h"
#import "ChatTableViewCell.h"
#import "NSString+Formatter.h"
```

*NSString *fomrattedText = [NSString formatString:@"Hi Lee, can you call me at +60175570098"];*

- "**formatString**" is the Primary class Function which will take an unformatted String as a argument and returns a formatted string by blacklisting unnecessary information. Send the user entered text as an argument & receive Formatted json string in return.

Example App

- I have created an Example app reproducing the same Scenario, where an User sends any of his contact details via chat and the app formats the restricted content entered and displays the formatted content to the user.