

Portfolio

HO KAM HUNG

Projects in Hotmob Limited

Projects in Hotmob Limited

Mobile Advertising SDK System

Mobile Advertising SDK System

- Platform: iOS (iPhone & iPad) & Android
- Version:
 - iOS 3.1, 3.2, 3.3, 4.0, 4.1
 - Android 2.2, 3.0, 4.0, 4.1
- Minimum requirements
 - iOS 6.0 or above
 - Android 4.0 or above
- Minimum development requirements
 - Xcode with iOS 6.0 SDK included
 - Eclipse with Android 4.0 SDK included
 - Android Studio 1.0 or above
- Main Features:
 - Getting device and user information
 - Getting the advertisement information from the server
 - Showing advertising campaigns in HTML in banner or interstitial
 - Showing native video campaigns in banner or interstitial
 - Showing landing page content with integrated web view browser
 - Showing the corresponding advertising campaigns according to the GPS location

Projects in Hotmob Limited

Mobile Advertising SDK System

Mobile Advertising SDK System (cont.)

- Technologies used in iOS
 - AFNetworking framework for HTTP connection between the SDK and server
 - UIWebView* and WKWebView* for showing HTML content
 - *WKWebView for iOS 9 and 10, otherwise UIWebView
 - AVFoundation framework for showing native video content for banner and interstitial
 - Google Mobile Ads framework for showing Hotmob Ads in Google AdMob and DoubleClick using Mediation
 - Masonry framework for Auto-Layout support in older iOS versions
- Technologies used in Android
 - OKHttpRequest library for HTTP connection between the SDK and server
 - WebView package for showing HTML content
 - MediaPlayer package for showing native video content
 - Google Play Service library for showing Hotmob Ads in Google AdMob and DoubleClick using Mediation

Projects in Hotmob Limited

Mobile Advertising SDK System

Mobile Advertising SDK System (cont.)

- Implemented Apps
 - Hong Kong Movie
 - Eigaland (映画ランド)
 - Hong Kong Toolbar
 - CR Archive Program
 - Headling News HK (頭條日報), etc
 - Total of > 50 apps implemented with Hotmob SDK

◦ Demonstration

- Native Video Popup



- HTML Popup



Projects in Hotmob Limited

Mobile Advertising SDK System

Mobile Advertising SDK System (cont.)

- Screen Capture
 - HTML Banner ad (Hong Kong Toolbar)



Projects in Hotmob Limited

Mobile Advertising SDK System

Mobile Advertising SDK System (cont.)

- Screen Capture (cont.)
 - Native Video Banner ad (Eigaland)

Fullscreen Mode



Projects in Hotmob Limited

Mobile Advertising SDK System

Mobile Advertising SDK System (cont.)

- Screen Capture (cont.)
 - Native Video Popup ad



Fullscreen Mode (Portrait Mode)



- Fullscreen Mode (Landscape)



Projects in Hotmob Limited

Mobile Advertising SDK System

Mobile Advertising SDK System (cont.)

- Screen Capture (cont.)
 - In-app browser



Projects in Hotmob Limited

Mobile Advertising SDK System

Mobile Advertising SDK System (cont.)

- Download the SDK

- iOS

- Android



Projects in Commercial Radio Interactive

Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

Hong Kong Toolbar

- Platform: iOS & Android
- Version:
 - iOS 2.0 – 2.5.15
 - Android 2.0 – 2.5.15
- Minimum Requirements
 - iOS 6.0 or above
 - Android 2.3 or above
- Features
 - Live audio streaming for the radio broadcast programmes
 - Live video streaming with customized control when there is special events
 - Instant interaction during live video streaming (e.g. voting, leave comment)
 - Bulletin Board System with voting functions
 - Real-time news
 - Hotmob SDK implemented



Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

Hong Kong Toolbar (cont.)

- Technologies used in iOS
 - CoreAnimation and CoreImage used for the new designed menu bar*
 - **located on top-right corner of the app*
 - AVFoundation used for audio and video live streaming
 - CoreData framework used for storing news data
 - SQLite used for storing bbs data
 - Google Chart Framework used for display voting result in pie chart
 - AVFoundation used for recording voice comment**
 - ***This function was removed due to the violation of Hong Kong Privacy Regulations*
 - Facebook SDK used for user authentication of bbs



Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

Hong Kong Toolbar (cont.)

- Technologies used in Android
 - Drawable Animaton used for the new designed menu bar*
 - **located on top-right corner of the app*
 - Vitamio framework used for audio and video live streaming
 - SQLite used to store news content and bbs data
 - Google Chart Framework used for display voting result in pie chart
 - MediaRecorder framework used for recording voice comment**
 - ***This function was removed due to the violation of Hong Kong Privacy Regulations*
 - Facebook SDK used for user authentication of bbs



Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

Hong Kong Toolbar (cont.)

◦ Screen Capture



Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

Hong Kong Toolbar (cont.)

- Screen Capture (cont.)



Projects in Commercial Radio Interactive

[Hong Kong Toolbar](#)

[CR Archive Programs](#)

[Funbox \(HK\)](#)

[SCMHK 2013](#)

[USCA 2013](#)

Hong Kong Toolbar (cont.)

- Download the application

◦ iOS



Android



Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

CR Archive Programs

- Platform: iOS & Android
- Version:
 - iOS 2.2 – 2.4.1
 - Android 1.0 – 1.2.0
- Minimum Requirements
 - iOS 5.1.1 or above
 - Android 2.3 or above
- Main Features
 - Listen archived radio broadcast programmes
 - 3 minutes for free-user, full archive for paid-user
 - Listen high-definded audio broadcast programmes
 - Paid-user only
 - Bookmark favorite programmes
 - Live audio streaming for radio broadcast programmes
 - Hotmob SDK and Google DoubleClick implemented
 - Using mediation with Google to show Hotmob advertisements



Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

CR Archive Programs (cont.)

- Technologies used in iOS
 - AVFoundation for audio streaming
 - CoreData framework for storing programmes data
 - Google Mobile Ads SDK for advertisement control
 - Hotmob SDK implemented
- Technologies used in Android
 - Vitamio library for audio streaming
 - SQLite for storing programmes data
 - Google Play Services (Ads) framework for showing advertisement
 - Hotmob SDK implemented



Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

CR Archive Programs (cont.)

◦ Screen Capture (iOS)



Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

CR Archive Programs (cont.)

- Download the application
 - iOS
 - Android



Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

Funbox (HK)*

- Platform: iOS
- Version:
 - 1.0 – 1.2
- Minimum Requirements
 - iOS 4.0 or above
- Main Features
 - Earn point when shopping from group buy store
 - Earn point when finishing location-based mission
 - Earn point after completing survey and the mini-games
 - Redeem prize using points

**The application was ended due to business environment changes*

Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

Funbox (HK) (cont.)

- Technologies used
 - Facebook SDK used for user registration, authentication, check-in and sharing
 - CoreLocation framework used for GPS location in check-in mission
 - AVFoundation used for the video mission campaigns
 - Google Analysis SDK used for getting user information and analysis

Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

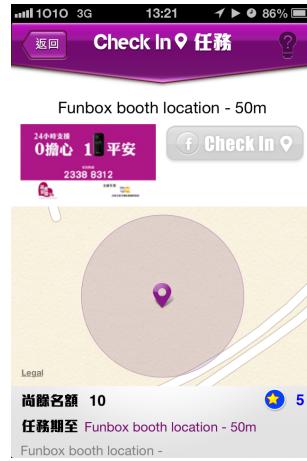
Funbox (HK)

SCMHK 2013

USCA 2013

Funbox (HK) (cont.)

○ Screen Captures



Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

Standard Charter Marathon HK 2013 Cheer-up *

- Platform: iOS
- Version: 1.0
- Minimum Requirements
 - iOS 4.0 – 6.1
- Main Features
 - Bulletin board system for cheering up runners
 - Training section for runners
 - Show instant location for the runners which the user follows

**The application was ended due to campaign finished*

Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

Standard Charter Marathon HK 2013 Cheer-up (cont.)

- Technologies used

- CoreLocation used to get the location data through GPS
- CoreLocation used to calculate the running distance
- Facebook SDK used to share the training result and user authentication

- Screen captures



Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

Ultimate Song Chart Awards Presentation 2013*

- Platform: iOS
- Version: 1.0
- Minimum Requirements: iOS 5.1.1 or above
- Main Features
 - “叱咤一把火” – Blowing to the microphone to let the fire showing on the screen to be maximum
 - “造勢放聲機” - Tap on the sound buttons to simulate clapping effect
 - “人氣亮燈牌” – Type the words and swing the device to simulate the marquee effect.

**The application was ended due to campaign finished*

Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

Funbox (HK)

SCMHK 2013

USCA 2013

Ultimate Song Chart Awards Presentation 2013 (cont.)

- Technologies used

- CoreGraphics framweork used for the marquee effect
- AVFoundation framework used for simulating clapping effect
- CoreAnimation framework used for all the animation effects in the application

- Screen Capture



Projects in Commercial Radio Interactive

Hong Kong Toolbar

CR Archive Programs

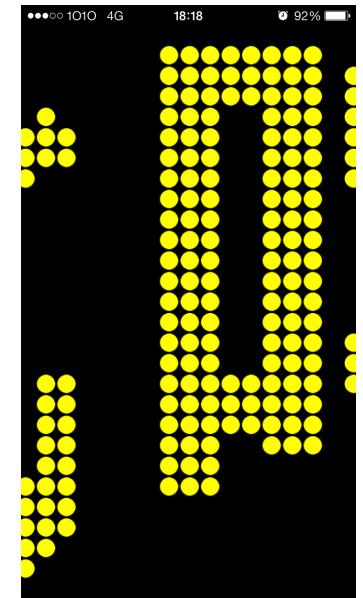
Funbox (HK)

SCMHK 2013

USCA 2013

Ultimate Song Chart Awards Presentation 2013 (cont.)

- Screen capture (cont.)



Projects in AppAge Limited

Projects in AppAge Limited

Smiley and Emoji

ANIME History

Comic App Series

Stories App Series

Smiley and Emoji

- Platform: iOS
- Version: 1.0 – 1.2
- Minimum Requirements:
 - iOS 3.1 or above
- Main Features
 - Use the smiley and edit your message in the application
 - Copy and paste the message to other applications
 - Directly share your message to Facebook, Twitter, Whatsapp, etc
 - Directly send out your message through e-mail or SMS
 - Bookmark your favorite smiley

Projects in AppAge Limited

Smiley and Emoji

ANIME History

Comic App Series

Stories App Series

Smiley and Emoji (cont.)

- Technologies used
 - Facebook SDK, Twitter SDK, RenRen SDK and Sina Weibo SDK for sharing message
 - MessageUI for sharing message through E-mail and SMS
 - SQLite for storing the emoji data
 - NSUserDefaults for storing the bookmark data

- Download the application

- Smiley&Emoticons5000



Boys's Smiley&Emoticons5000



- Emoji&Smiley



Projects in AppAge Limited

Smiley and Emoji

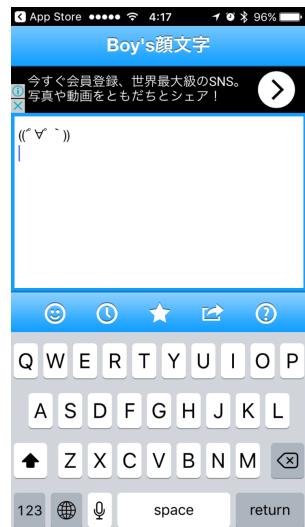
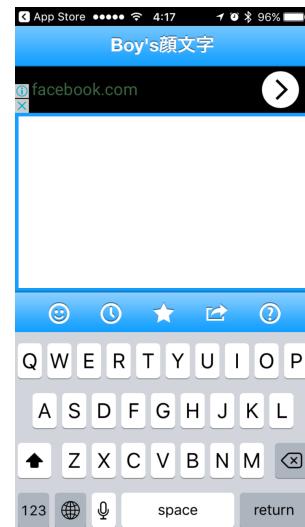
ANIME History

Comic App Series

Stories App Series

Smiley and Emoji (cont.)

○ Screen Capture



Projects in AppAge Limited

Smiley and Emoji

ANIME History

Comic App Series

Stories App Series

ANIME History -Japanese Anime HitSong Collection-

- Platform: iOS
- Version: 1.0 – 1.0.2
- Minimum Requirements: iOS 3.1 or above
- Main Features
 - Show the Aime Songs information according to year and title
 - Play the Anime Songs, which stored in YouTube
 - Bookmark the favorite Anime Songs
 - Time Machine to show the Anime Songs by age
- Download the application



Projects in AppAge Limited

Smiley and Emoji

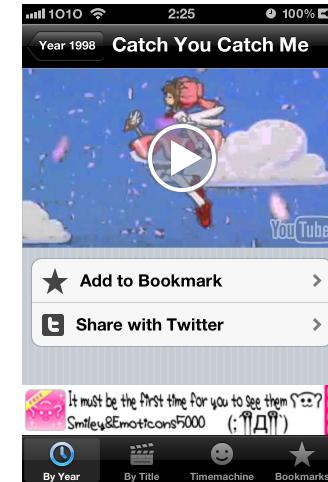
ANIME History

Comic App Series

Stories App Series

ANIME History -Japanese Anime HitSong Collection- (cont.)

◦ Screen Capture



Projects in AppAge Limited

Smiley and Emoji

ANIME History

Comic App Series

Stories App Series

Comic App

- Platform: iOS
- Version: 1.0
- Minimum Requirements: iOS 3.1 or above
- Main Features
 - Read the comic stored in the application
 - Bookmark favourite comic
- Technologies used
 - SQLite for storing comic data
 - NSUserDefaults for storing bookmark data
- Download the application



Projects in AppAge Limited

Smiley and Emoji

ANIME History

Comic App Series

Stories App Series

Comic App (cont.)

◦ Screen Capture



Projects in AppAge Limited

Smiley and Emoji

ANIME History

Comic App Series

Stories App Series

Stories App

- Platform: iOS (iPhone & iPad)
- Version: 1.0
- Minimum Requirements: iOS 3.1 or above
- Main Features
 - Read the stories which stored into the application
 - Bookmark the favorite stories
- Technologies used
 - SQLite for storing comic data
 - NSUserDefaults for storing bookmark data
- Download the application

◦ Laugh Before Sleep

Make money with App!



- Famous Comic Quotes in Japan



Projects in AppAge Limited

Smiley and Emoji

ANIME History

Comic App Series

Stories App Seties

Stories App (cont.)

○ Screen Capture



iPhoneアプリ作れるようになつたら年収2倍になった

1: 以下、名無しにかわりましてVIPがお送りします: 2012/05/30(水) 00:23:20.62 ID:5zfu8TR00

売り手市場ってあるんだな...



3: 以下、名無しにかわりましてVIPがお送りします: 2012/05/30(水) 00:23:20.62 ID:5zfu8TR00



アフィリエイトで稼ぐ方法全部暴露しようと思う

自己資金0で起業して年商1億だけど質問ある?

iPhoneアプリ作れるようになつたら年収2倍になった

End

THANK YOU