



Social Media Apps Programming

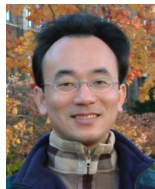
Final Project Presentation

1031SMAP14

TLMXM1A (8687) (M2143) (Fall 2014)

(MIS MBA) (2 Credits, Elective) [Full English Course]

Thu 8,9 (15:10-17:00) V201



Min-Yuh Day, Ph.D.

Assistant Professor

Department of Information Management

Tamkang University

<http://mail.tku.edu.tw/myday>



Course Schedule (1/3)

Week Date Subject/Topics

- 1 2014/09/17 Course Orientation and Introduction to Social Media and Mobile Apps Programming
- 2 2014/09/24 Introduction to Android / iOS Apps Programming
- 3 2014/10/01 Developing Android Native Apps with Java (Eclipse) (MIT App Inventor)
- 4 2014/10/08 Developing iPhone / iPad Native Apps with Swift / Objective-C (XCode)
- 5 2014/10/15 Mobile Apps Using HTML5/CSS3/JavaScript
- 6 2014/10/22 jQuery Mobile

Course Schedule (2/3)

Week	Date	Subject/Topics
• 7	2014/10/29	Create Hybrid Apps with Phonegap
• 8	2014/11/05	jQuery Mobile/Phonegap
• 9	2014/11/12	jQuery Mobile/Phonegap
• 10	2014/11/19	Midterm Exam Week (Midterm Project Report)
• 11	2014/11/26	Case Study on Social Media Apps Programming and Marketing in Google Play and App Store
• 12	2014/12/03	Google Cloud Platform

Course Schedule (3/3)

Week	Date	Subject/Topics
• 13	2014/12/10	Invited Talk: Social, Data and Business Model - Let's see PIXNET [Invited Speaker: Dr. Rick Cheng-Yu Lu, Technical Director, PIXNET]
• 14	2014/12/17	Google App Engine and Google Maps API
• 15	2014/12/24	Facebook API (Facebook JavaScript SDK) (Integrate Facebook with iOS/Android Apps)
• 16	2014/12/31	Twitter API
• 17	2015/01/07	Final Project Presentation
• 18	2015/01/14	Final Exam Week (Final Project Report)

Android /iOS Apps Programming

Native Apps

Hybrid Apps

Mobile Web Apps

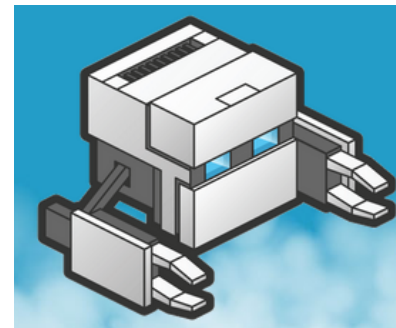


Hybrid Apps

Native Apps

Hybrid Apps

Mobile Web Apps





SMAP 2014 Teams

Group 1:

Kristian Lundström

Stockholm University

Yang Li

Stockholm University

Group 2:

Chris Chuang

Tamkang University

Jeo Hou

Tamkang University

Irene Fang

Tamkang University

Sharon Chang

Tamkang University

Peter Tsai

Tamkang University

Group 3:

Andy Fu

Tamkang University

Irene Chan

Tamkang University

Grace Tu

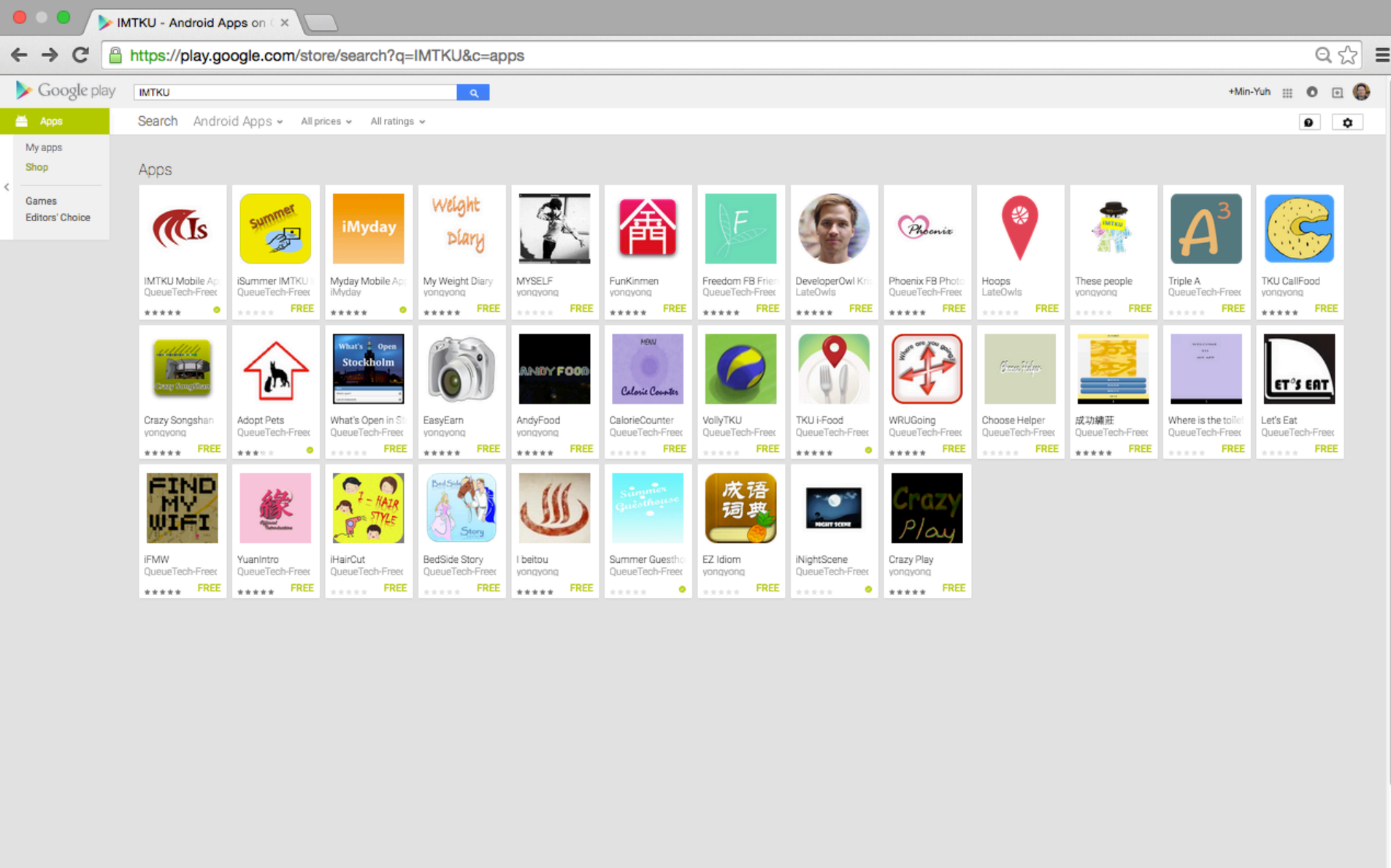
Tamkang University

Mike Tsai

Tamkang University

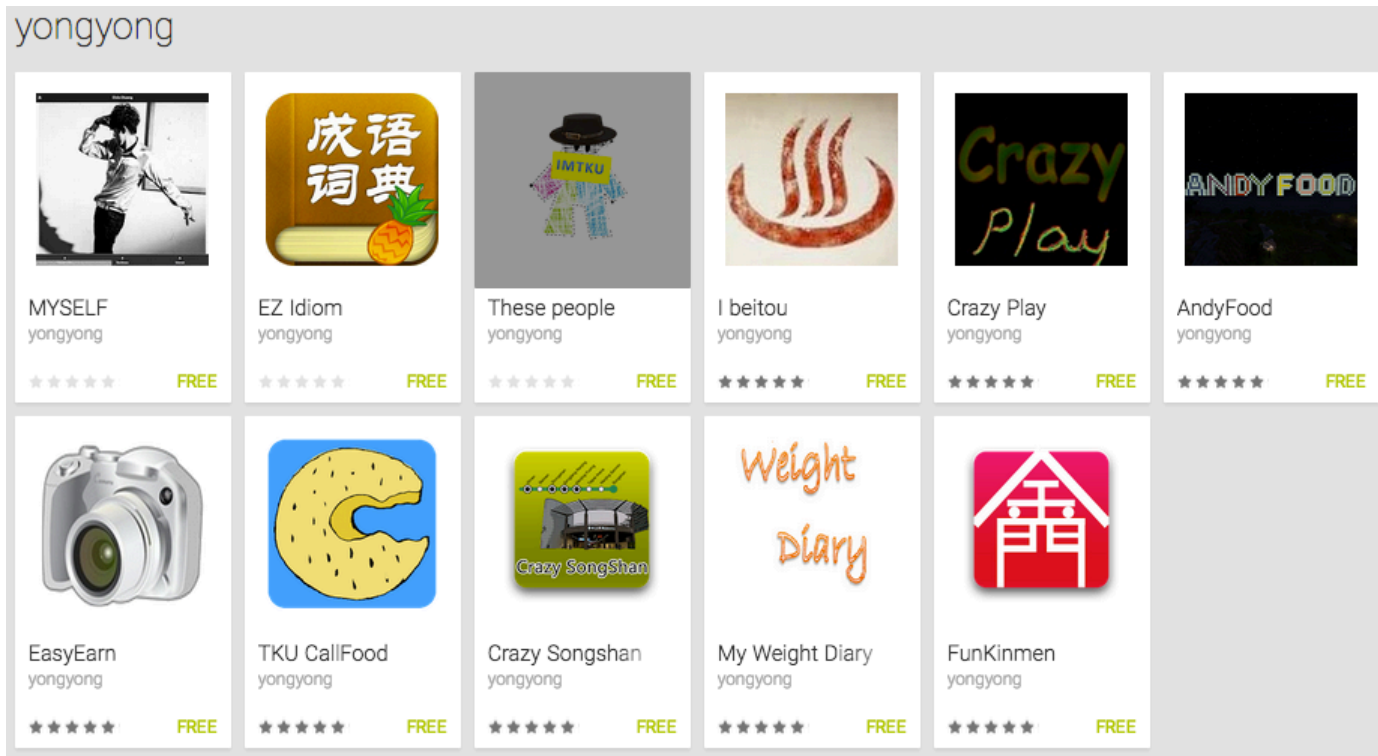
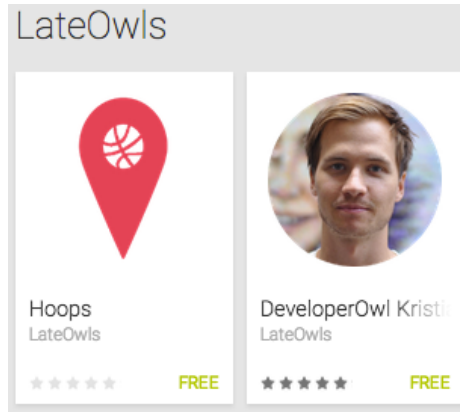
SMAP 2013-2014 Final Project Presentation

(IMTKU Apps on Google Play)(2013.09-2015.01)



SMAP 2014 Final Project Presentation

(IMTKU Apps on Google Play)(2014.09-2015.01)



SMAP 2014 Final Project Presentation (Team Apps)

- **Hoops**

Kristian Lundström & Yang Li

- **These people**

Chris Chuang, Jeo Hou, Irene Fang, Sharon Chang,
Peter Tsai

- **EZ Idiom**

Andy Fu, Irene Chan, Grace Tu, Mike Tsai

SMAP 2014 Final Project Presentation (Individual Apps)

- **DeveloperOwl Kristian:** Kristian Lundström
- **FunKinmen:** Peter Tsai
- **Crazy Songshan:** Sharon Chang
- **TKU CallFood:** Irene Fang
- **I beitou:** Grace Tu
- **Crazy Play:** Joe Hou
- **AndyFood:** Andy Fu
- **EasyEarn:** Mike Tsai
- **MYSELF:** Chris Chuang
- **My Weight Diary:** Chris Chuang



Hoops

Description

Hoops, find basketball games near you! (a lot of the functionality of this app is not working yet)

Developer: Kristian Lundström & Yang Li

Affiliation: IMTKU

Department of Information Management,
Tamkang University

Year: 2014~2015





These people

Description

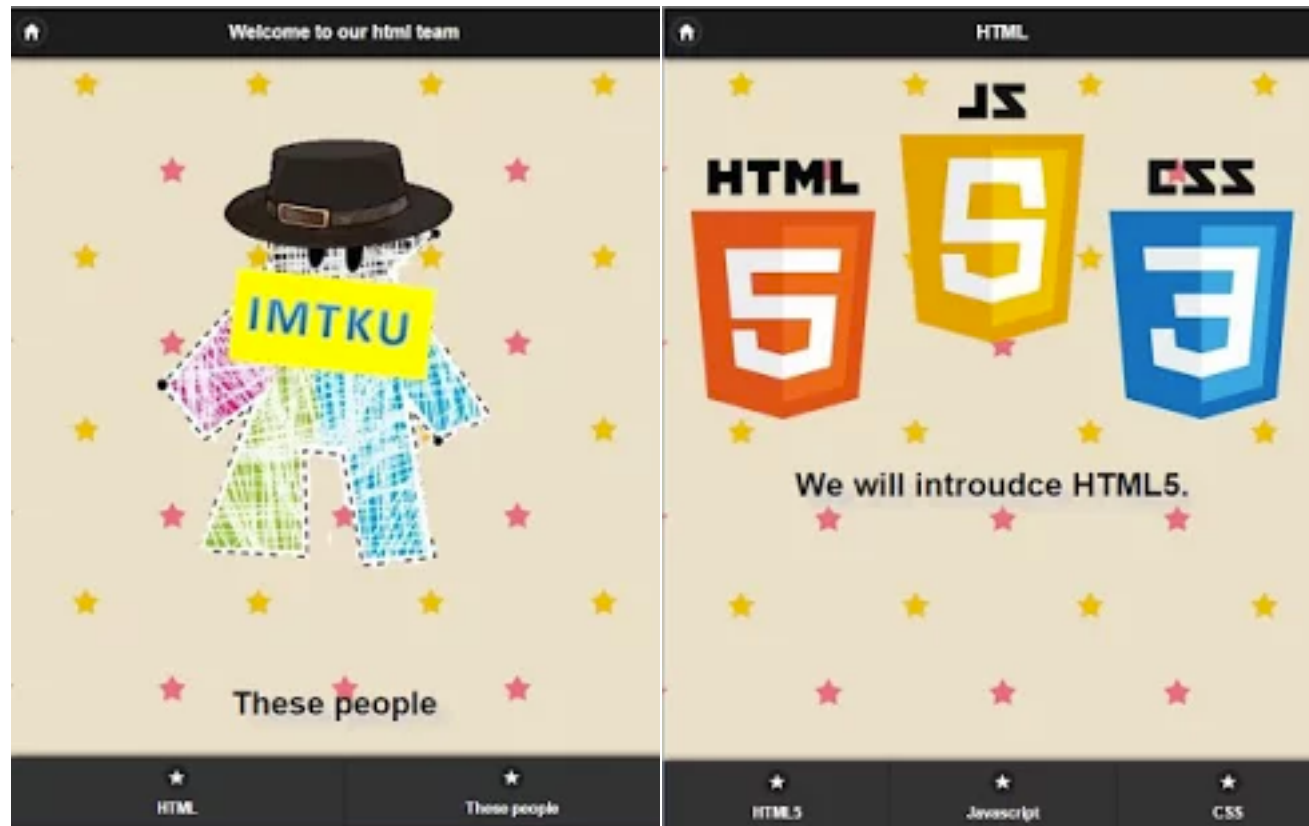
This is an app for self-introduction in our group. And introduction HTML5.

Developer: Chris Chuang, Jeo Hou, Irene Fang, Sharon Chang, Peter Tsai

Affiliation: IMTKU

Department of Information Management, Tamkang University

Year: 2014~2015





EZ Idiom

Description

Developer: Andy Fu, Irene Chan, Grace Tu, Mike Tsai

開發者: 傅民 詹凱薰 杜恩君 蔡佳勳

Affiliation: IMTKU

Department of Information Management,
Tamkang University.

Year: 2014~2015





DeveloperOwl Kristian

Description

Who Am I? I'm DeveloperOwl Kristian! This app is my Curriculum Vitae.

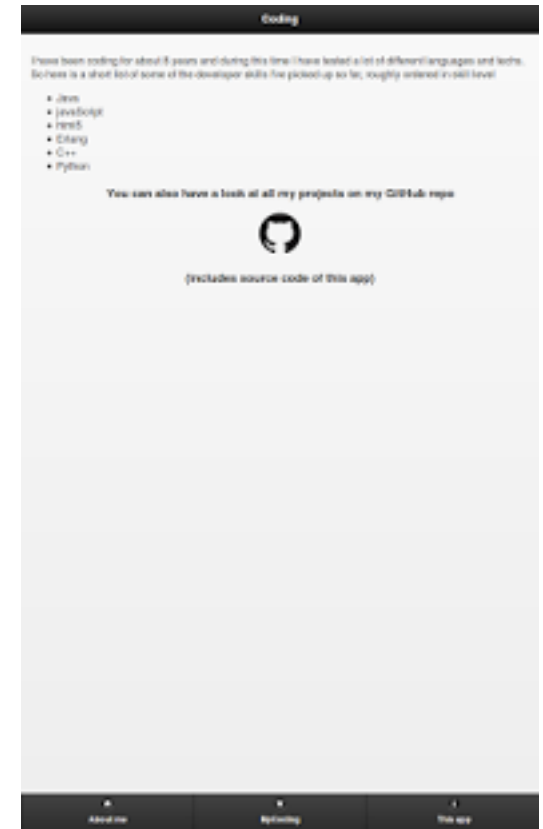
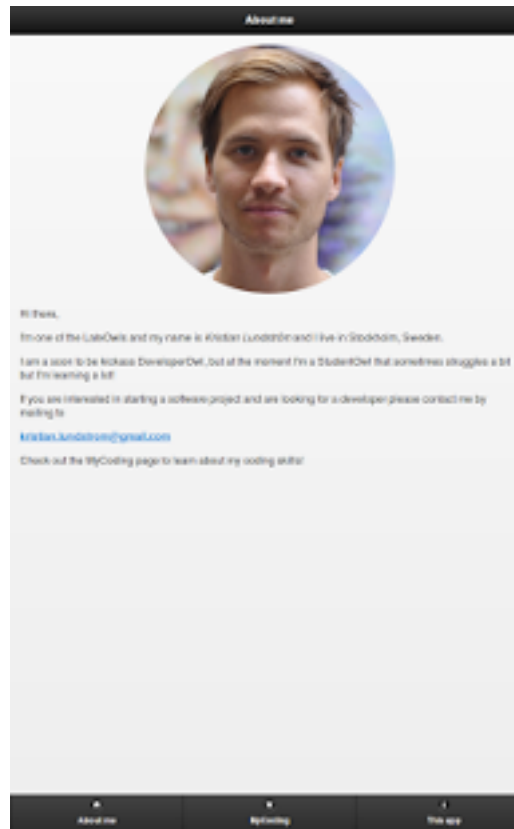
This app was made using html5, javascript, css and Phonegap.

Developer: Kristian Lundström

Affiliation: IMTKU

Department of Information Management, Tamkang University

Year: 2014~2015





FunKinmen

Description

This is my first app about introduction of Kinmen.

Developer: Peter Tsai

開發者: 蔡承家

Affiliation: IMTKU

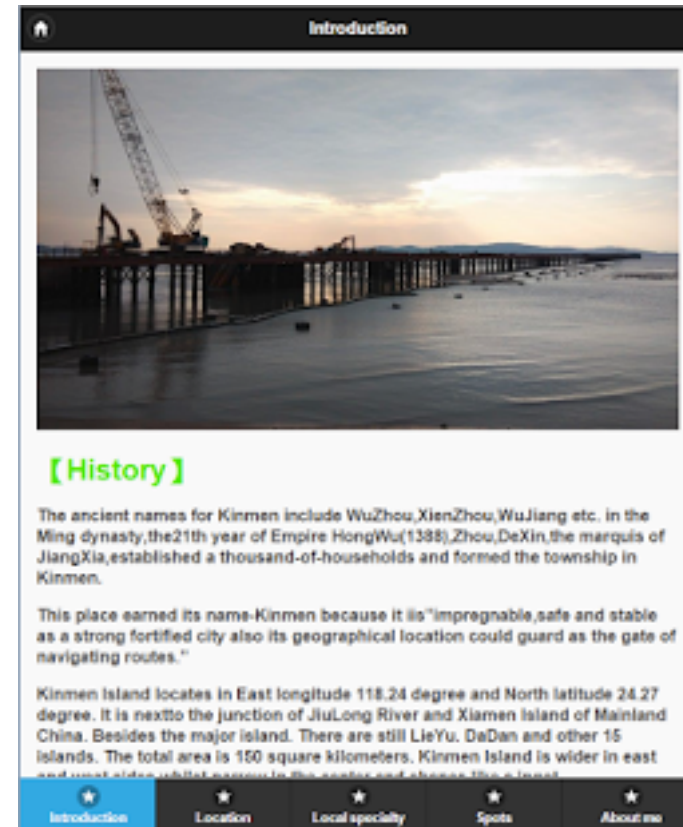
Department of

Information

Management,

Tamkang University.

Year: 2014~2015





Crazy Songshan

Description

Introduction of Songshan.

Developer: Sharon Chang

開發者: 張琇媛

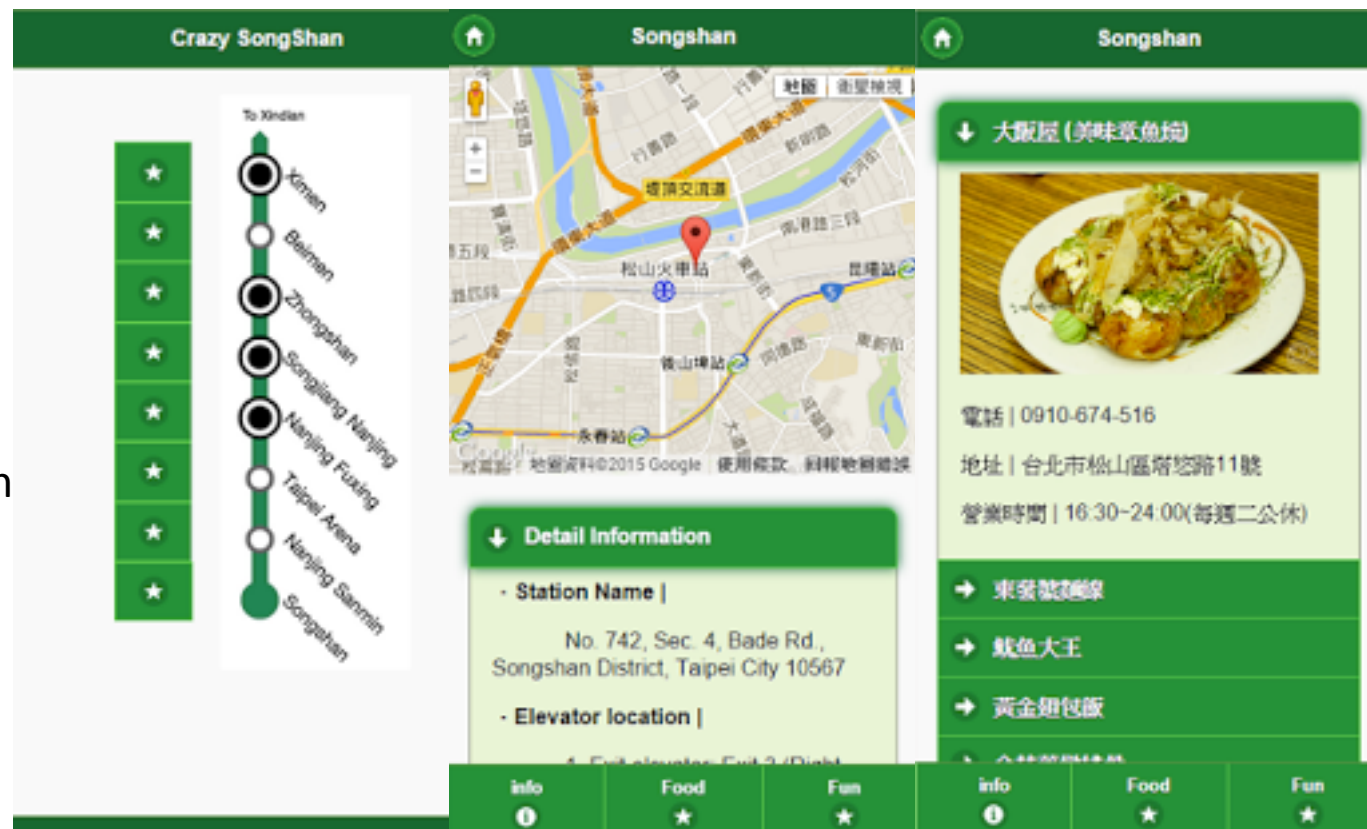
Affiliation: IMTKU

Department of Information

Management, Tamkang

University

Year: 2014~2015





TKU CallFood

Description
 Developer: Irene Fang
 Affiliation: IMTKU
 Department of
 information
 management, Tamkang
 University
 Year: 2014~2015





I beitou

Description

Beitou is known for its traditional food and beautiful environment. This App provides detailed information about some of the most famous local food stands, including Han-Chi meat dumpling, and also provides historical and cultural background for some beautiful sites including Beitou Library.

Developer: Grace TU

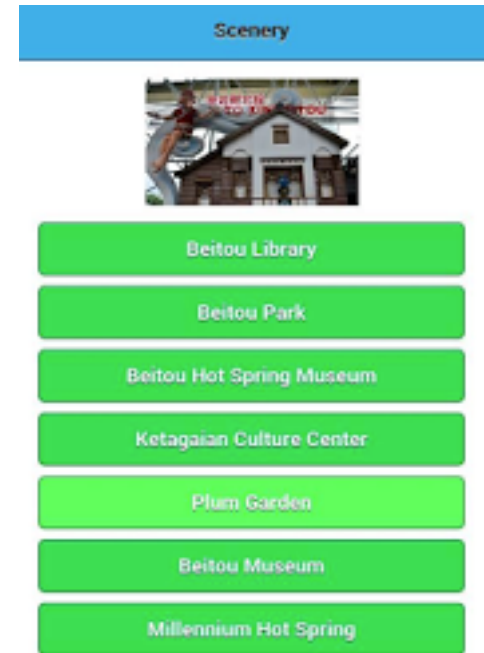
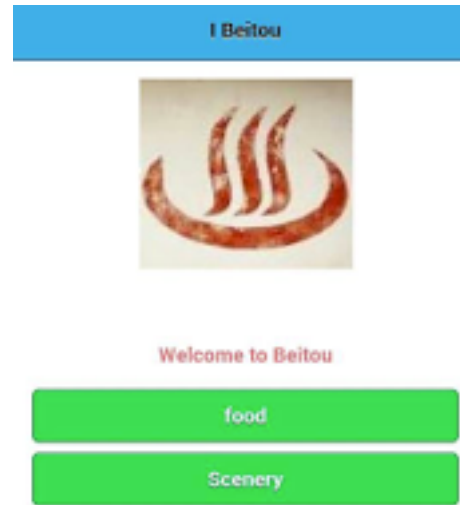
開發者: 杜恩君

Affiliation: IMTKU

Department of Information

Management, Tamkang University

Year: 2014~2015





Crazy Play

Description

Crazy Play is a good application that you can have fun by using it.

There are some functions in this app.

1. Number guess game
2. BMI Calculator
3. About

Developer: Joe Hou

Affiliation: IMTKU

Department of Information Management, Tamkang University.

Year: 2014~2015





AndyFood

Description

Share delicious food, and teach you how to cook.

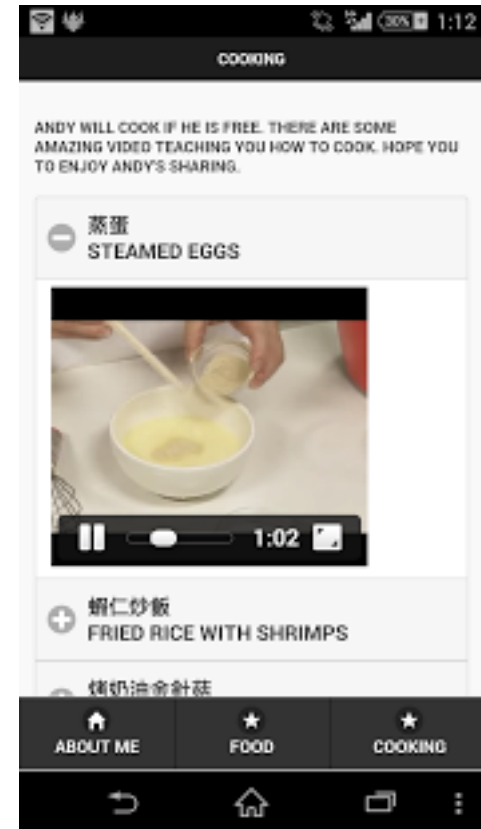
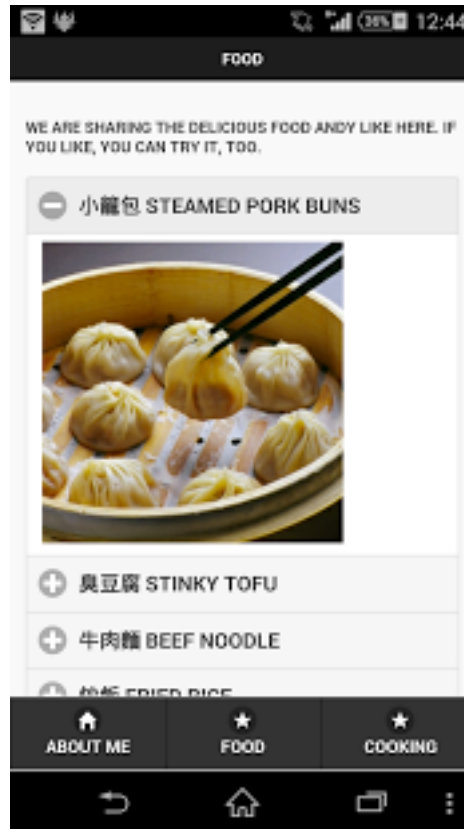
Developer: Andy Fu

開發者: 傅民

Affiliation: IMTKU

Department of Information Management, Tamkang University

Year: 2014~2015





Year: 2014~2015





MYSELF

Description

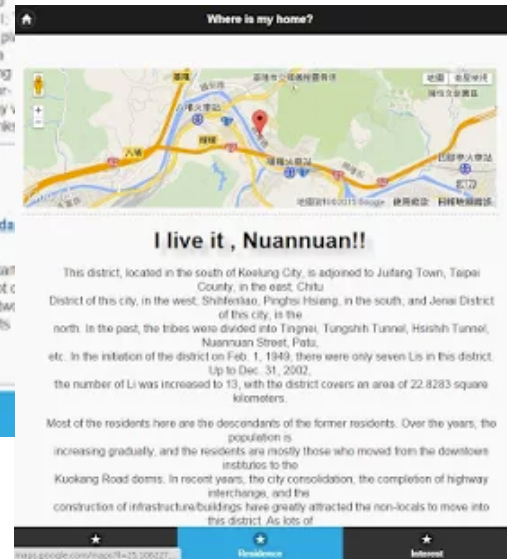
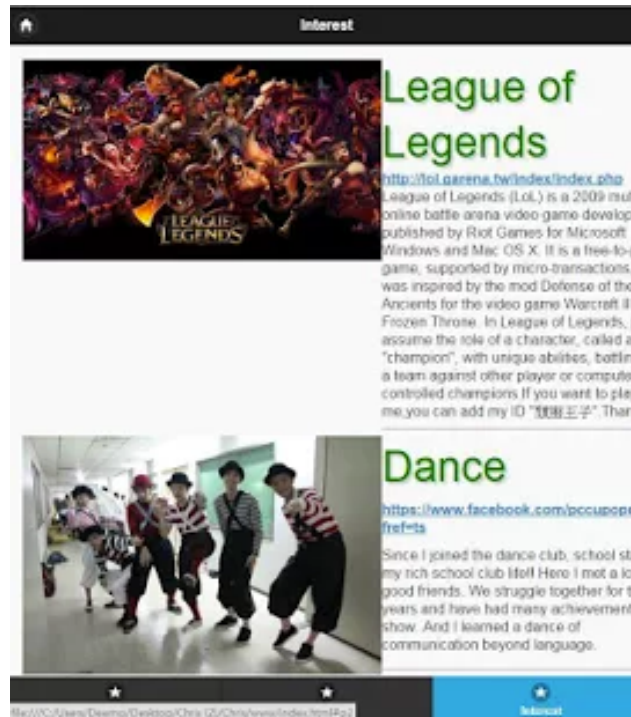
Developer: Chris Chuang

Affiliation: IMTKU

Depart of information management,

Tamkang University

Year: 2014~2015



Weight Diary

My Weight Diary

Description

Developer: Chris Chuang

Affiliation: IMTKU

Department of information
management: Tamkang
University

Year: 2014~2015

A screenshot of the 'Save' form within the app. The form has a white background and a black header bar with a 'Save' button. The form contains several input fields: 'No.' (empty), 'Date' (filled with '2015-01-06 17:00'), 'Height' (filled with '180'), 'Weight' (filled with '50'), and 'BMI' (empty). The status bar at the top shows the time as 8:27.

Summary

- This course introduces the fundamental concepts and practices of social media and mobile apps programming.
- Topics include
 - Introduction to Android / iOS apps programming,
 - Developing Android native apps with Java (Eclipse),
 - Developing iPhone / iPad apps native apps with Swift/Objective-C (XCode),
 - Mobile apps using HTML5/CSS3/JavaScript,
 - jQuery Mobile,
 - Create hybrid apps with Phonegap,
 - Google Cloud Platform,
 - Google app engine, Google map API,
 - Facebook API,
 - Twitter API,
 - Case study on social media apps programming and marketing in Google Play and App Store.