

Cityu Summer Camp Final Presentation

Go Riding

Group 14:

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Outline

- Technical
 - Originality & Motivation
 - Creative & Task Division
 - Environment
 - Execution
 - Involved Language
 - Software Structure
 - Reference

Environment and Function

- App name: GoRiding
- Target platform: Android
- Android min SDK version: API15 (android 4.0.3)
- Function
 - 1.show the biking route
 - 2.GPS location
 - 3.sign In and sign up system
 - 4.picture share



Originality

During the summer camp, some students took part in bike tour.

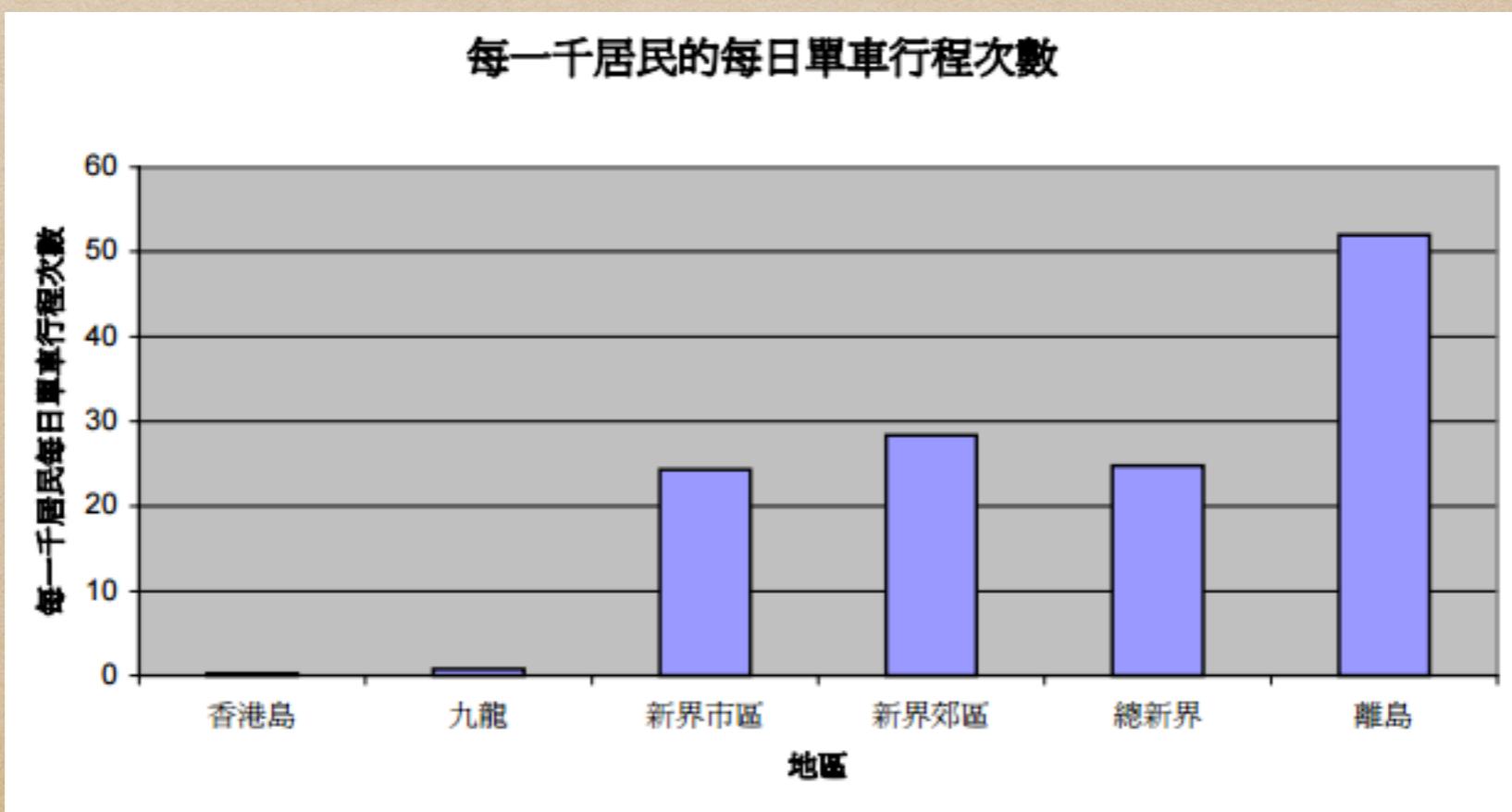
However, uncertainty of route caused some trouble. This gave us inspiration to develop this application.



Motivation

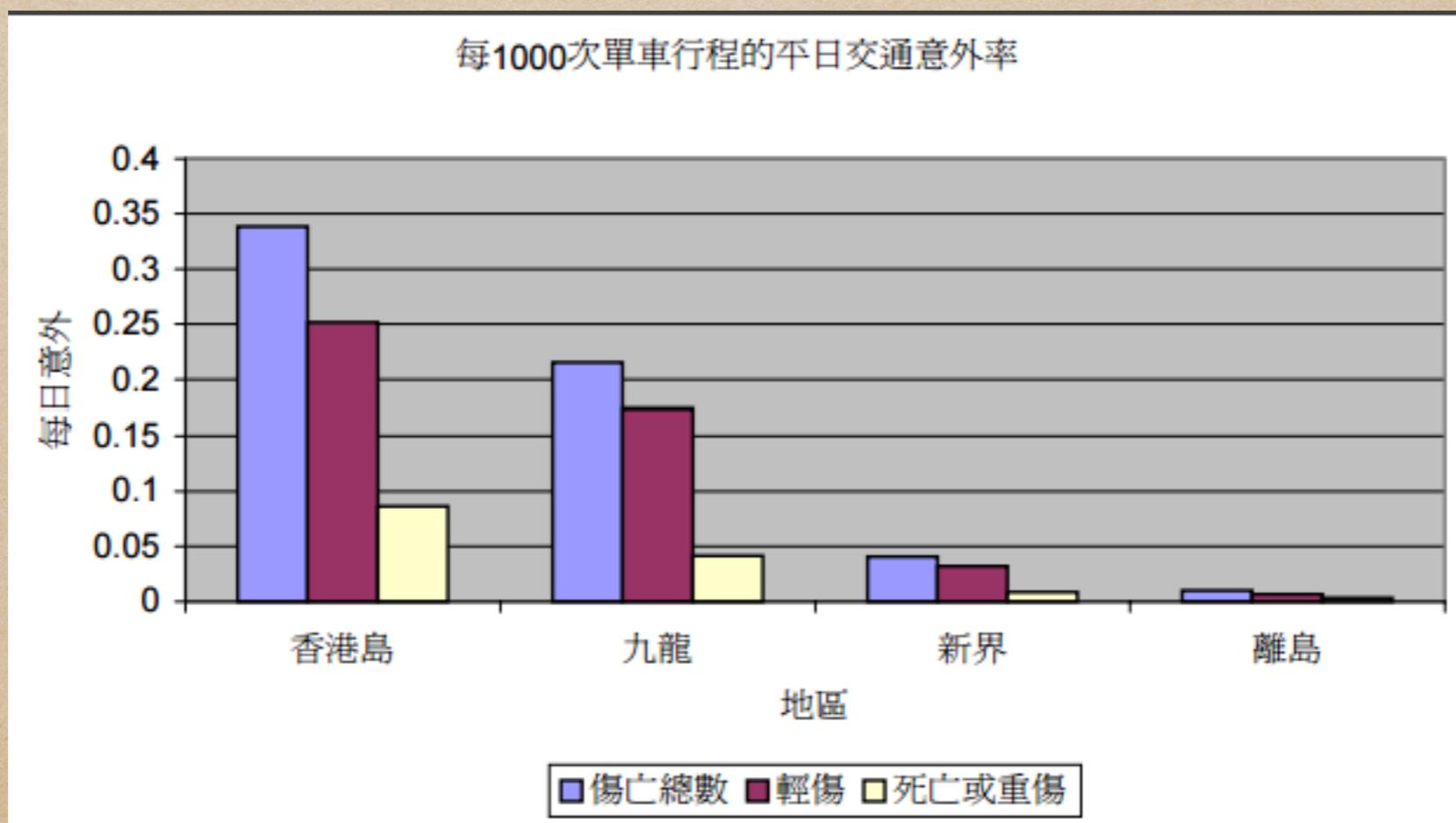
According to a report published by Transport Department of HK:

- Bikes were used about 62000 times per day as means of transportation in 2002.



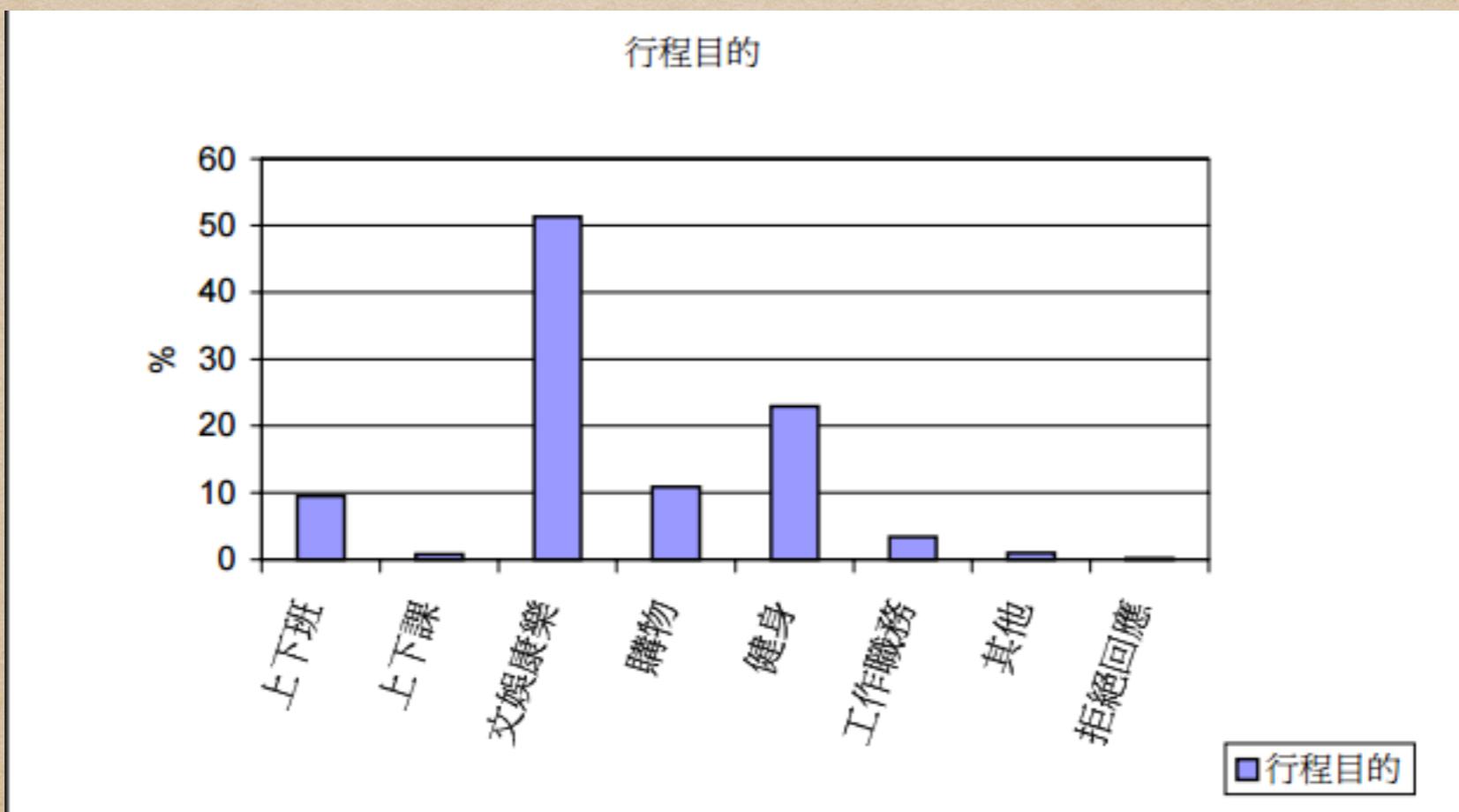
Motivation

- There are still many accidents during biking in HK.
- Riding in city is more dangerous than riding in country.



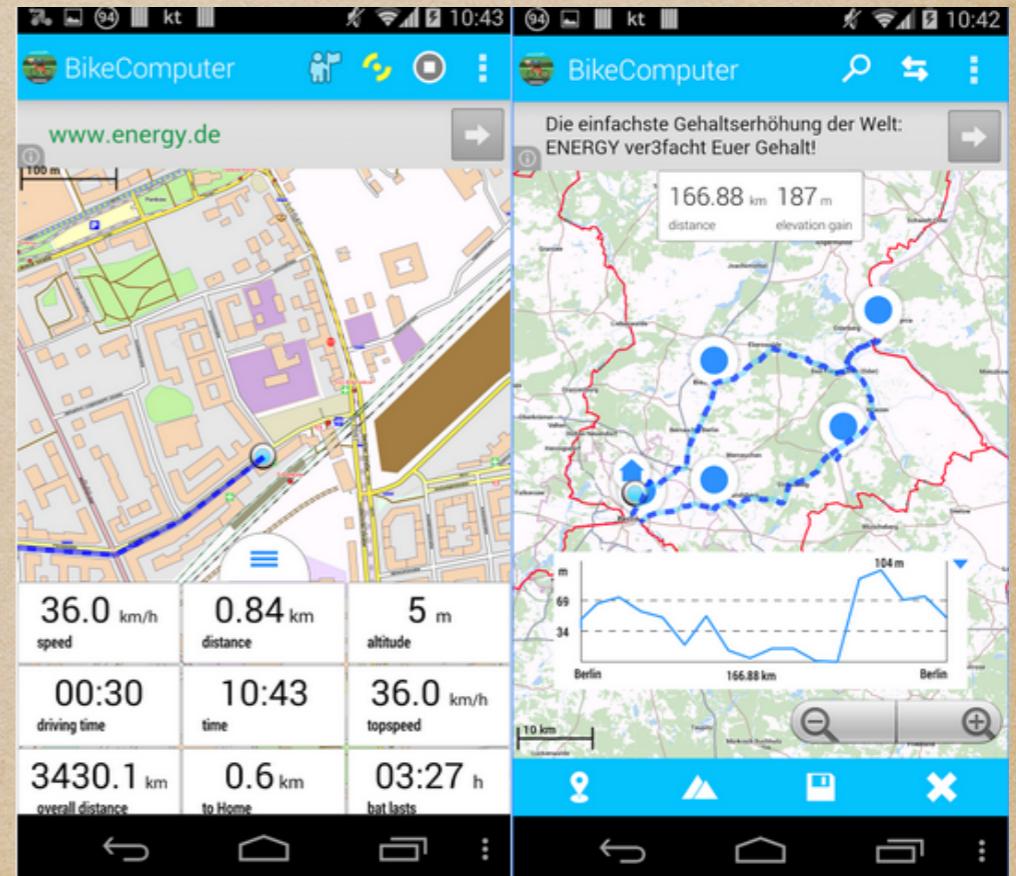
Motivation

- Entertainment and exercise were purpose for 70% of users
- whose age were elder than 15.



Creativity

- Most of biking app is for fitness.
- Only a few is for bike route



Creativity

- Comparing to other apps existed, we decided to make our app
- more sociable. Users can share their experience of biking and
- touring and photos of scenery



Task Dívisión

Programmer

Peng Yu-Shao
Shih Jhih-Wei

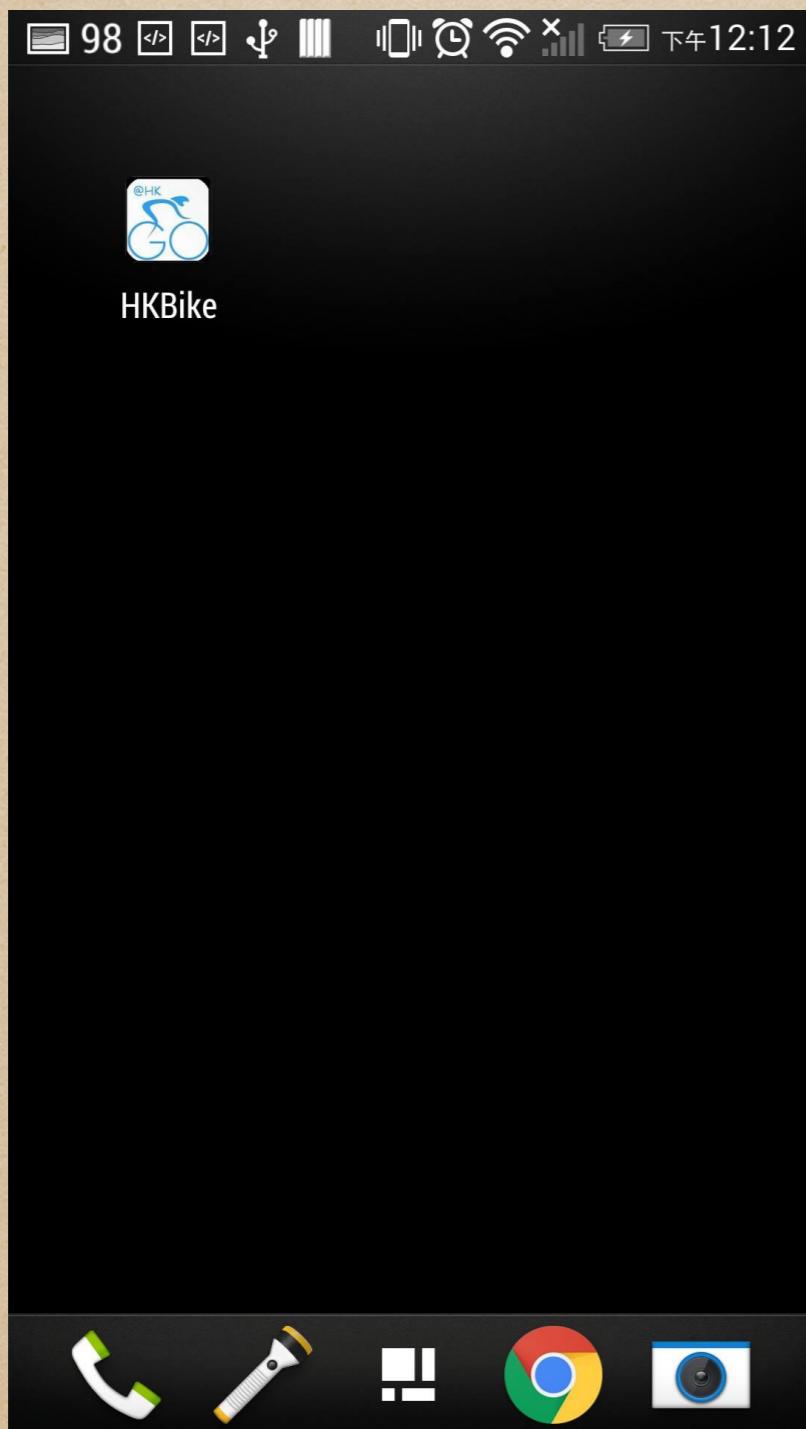
Market Researcher
Write Report

Wu Wanmin

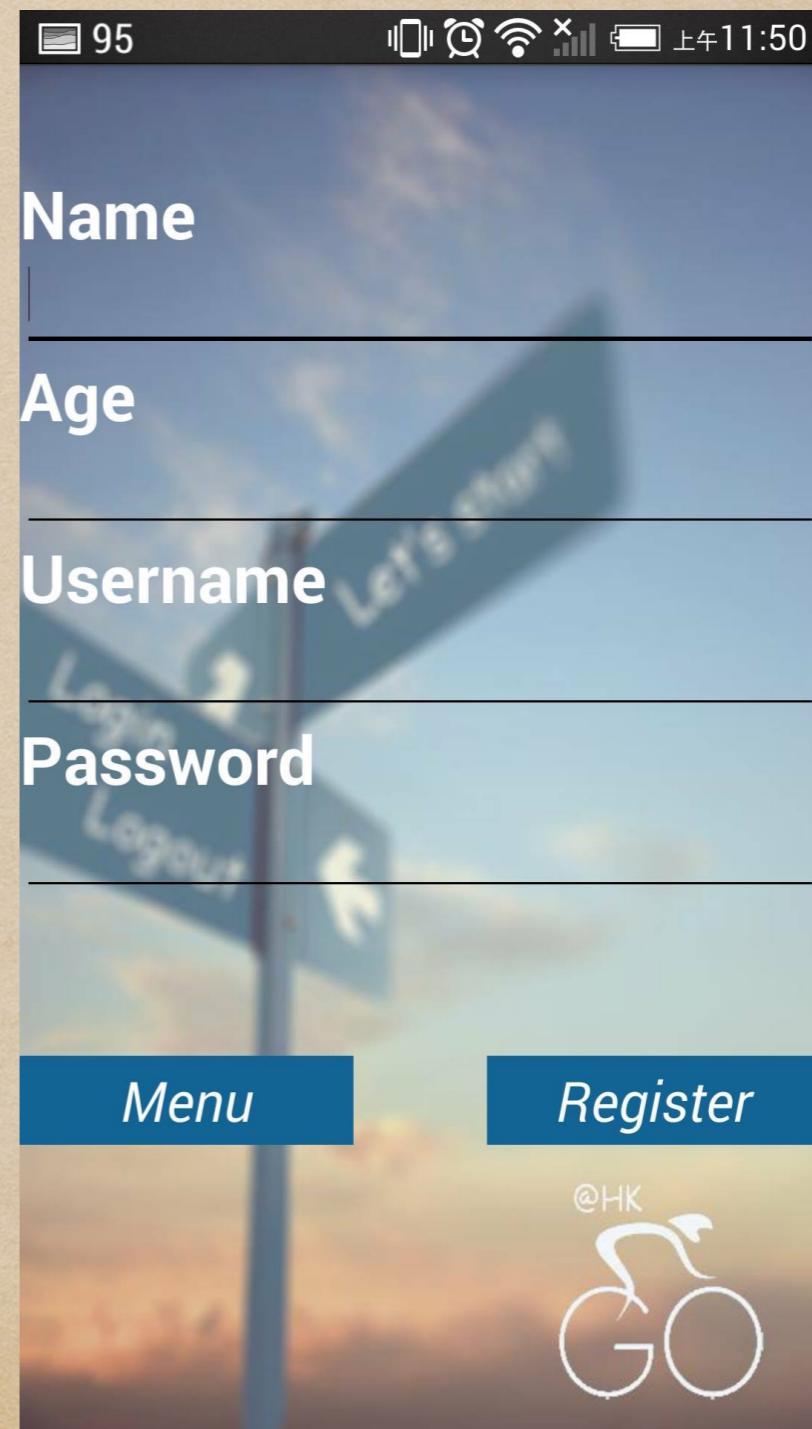
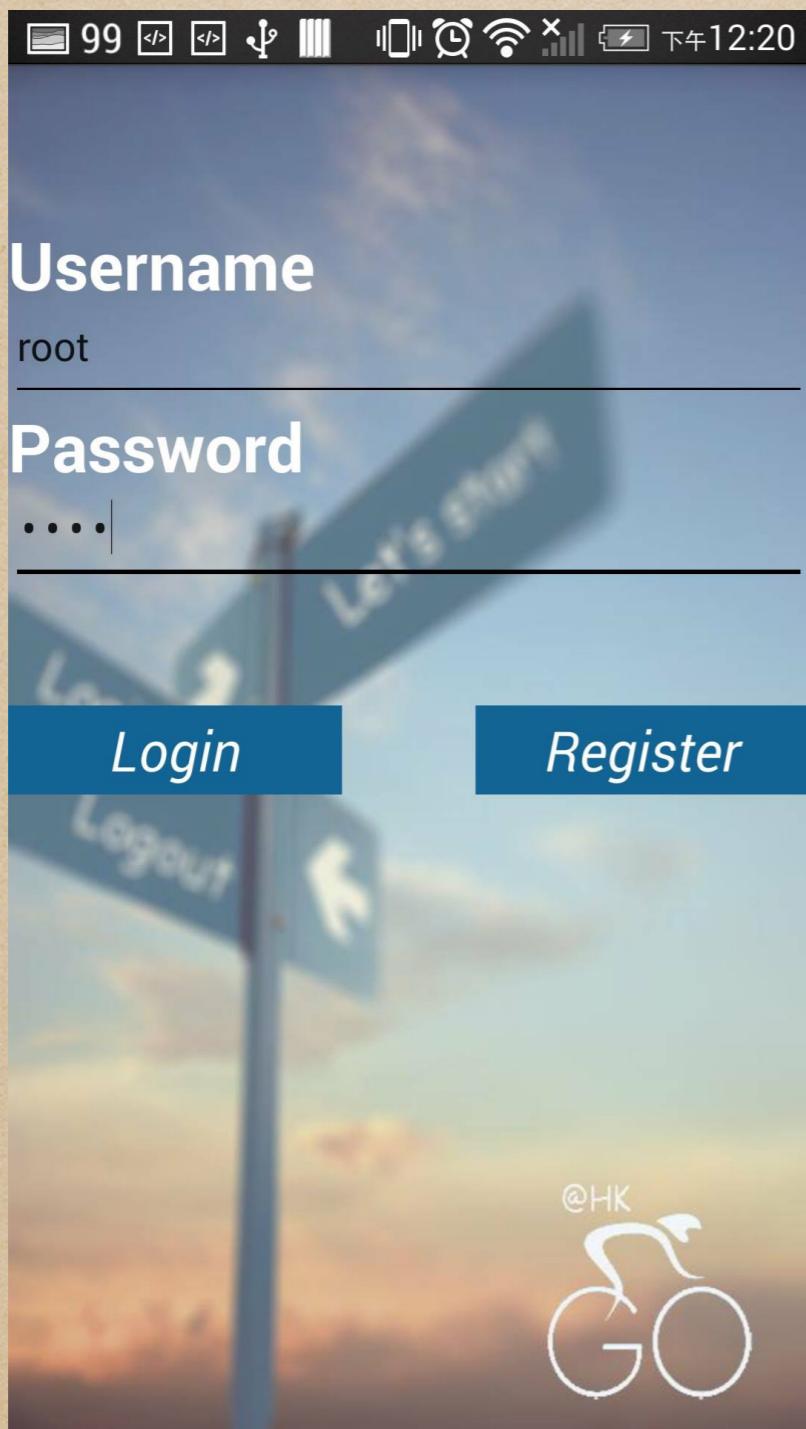
UI Designer
Data Searching

Sun Yani

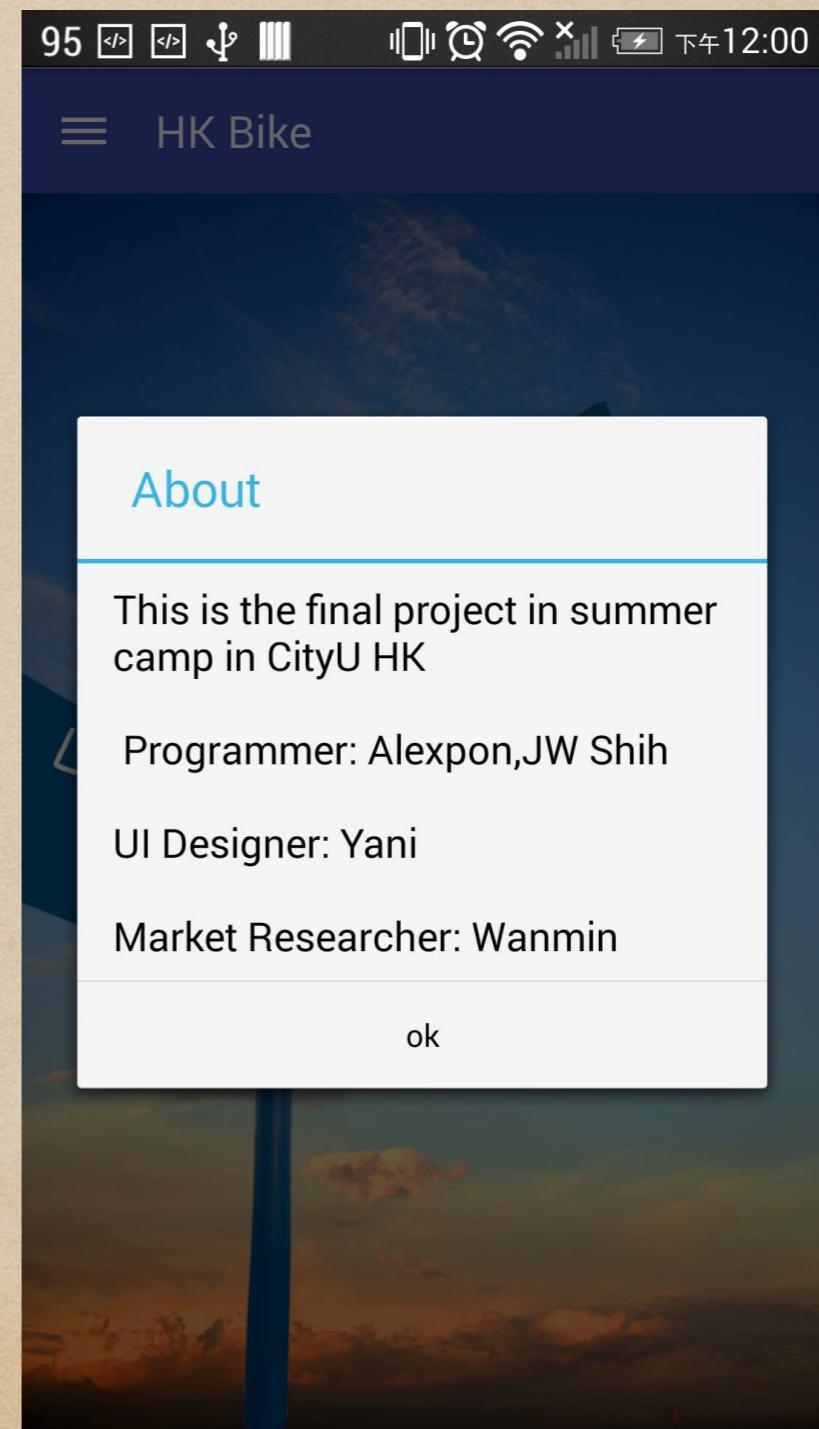
Execution



Execution



Execution



Execution



Execution



Execution



Involved Technology



- Android
- PHP & MySQL
- DataBase

A screenshot of the phpMyAdmin web interface. The top navigation bar shows 'Server: localhost' and 'Database: a5673215_hkbike'. The current table is 'User'. The SQL query in the editor is:

```
SELECT *  
FROM `User`  
LIMIT 0 , 30
```

The table data is as follows:

	user_id	name	age	username	password	distance
<input type="checkbox"/>	1	hello ac3	20	root	root	100000
<input type="checkbox"/>	2	aa	10	aa	aa	13
<input type="checkbox"/>	3	alex	21	ponpon88810	ponpon88810	2203
<input type="checkbox"/>	4	123	25	123	123	156
<input type="checkbox"/>	5	yes	55	demo	demo	0
<input type="checkbox"/>	6	plonk	22	qq	qq	0
<input type="checkbox"/>	7	oo	33	pp	pp	0

At the bottom right, there is a watermark for 'phpMyAdmin'.

Software Structure

Login/Logout

Register

Modify

Rank

ServerRequests



FetchUserData.php

Register.php

RefreshUserData.php

FetchRankData.php

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Update distance



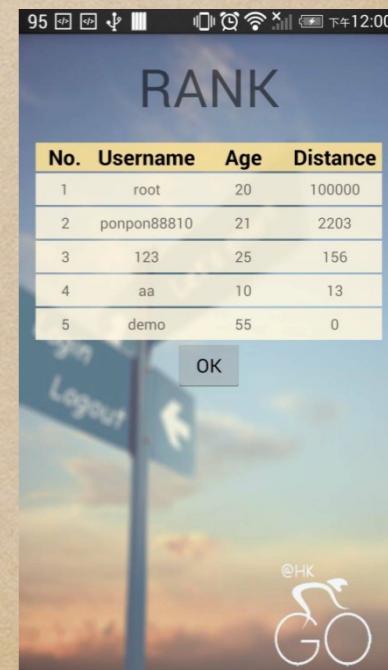
MainActivity



ChooseTour



RankActivity



RankActivity

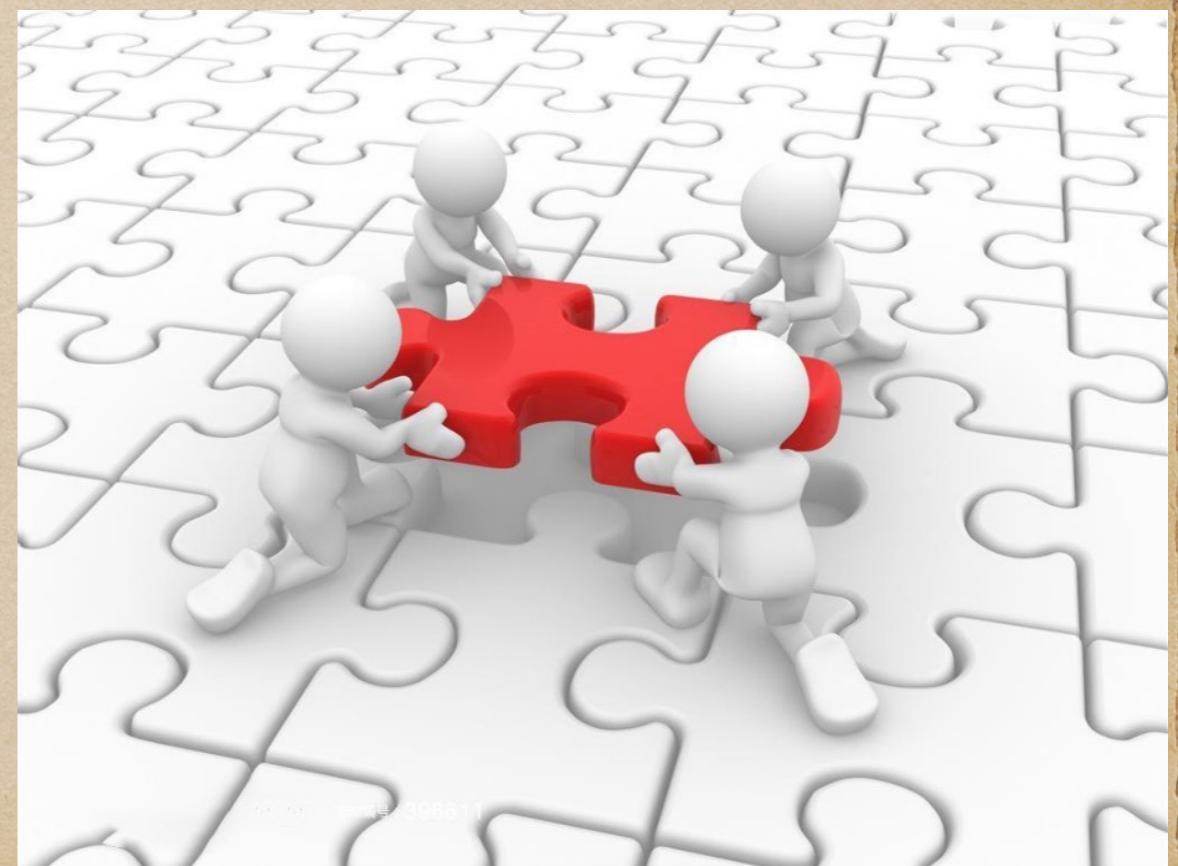
Study in CityU

- The most important is...



We become friends

The spirit of team work



Reference

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