

Friends matching / Speed dating: 2011-03-08

Special Interest Group on Innovative Software

<http://www.comp.hkbu.edu.hk/~sigis/>

Restructuring of SIGIS

- There will be new assessments methods starting from this to the last gathering
- Coverage:
 1. Participation (20%)
 2. Idea (40%)
 3. Product(s) (Final Project) (40%)

Participation (20%)

- Assessment Criteria
 - 5 points per gathering

Idea (40%)

- Assessment Criteria
 - Level of Innovation, Creativity / Feasibility / Usability
 - 0-10 points per gathering

Product(s) (Final Project) (40%)

- Assessment Criteria
 - Level of Innovation, Creativity / Feasibility / Usability / Difficulty
 - 0-40 points

Awards

- **Three winners:** Will be subsidized **HKD 1500**
- **Merit award:** Will be subsidized **HKD 500**
(around **5** members)

■ *The department reserves the rights to amend the above policies where necessary.*

Topic in this gathering

- How to enhance social networking using mobile device?
 - Are you using social networking apps for mobile device (e.g. Facebook app, Twitter app)?
 - Did this kind of app increase the daily usage of social networking service?

An alternative: Include geographic information

- Take advantage of sensors in smartphone to determine user locations
 - GPS modules
- Or/and network connection
 - WiFi
 - Mobile network

Geosocial networking

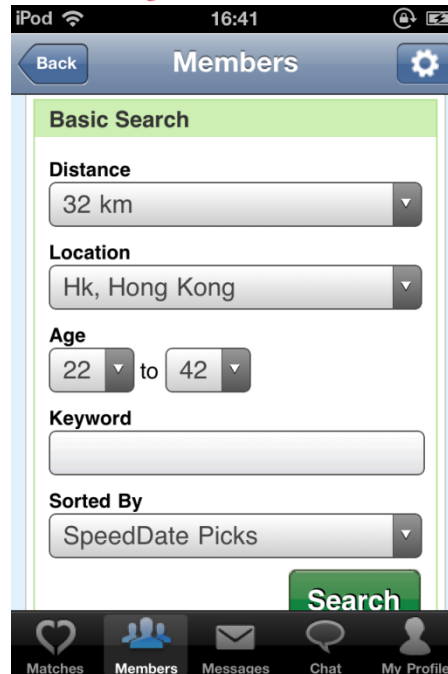
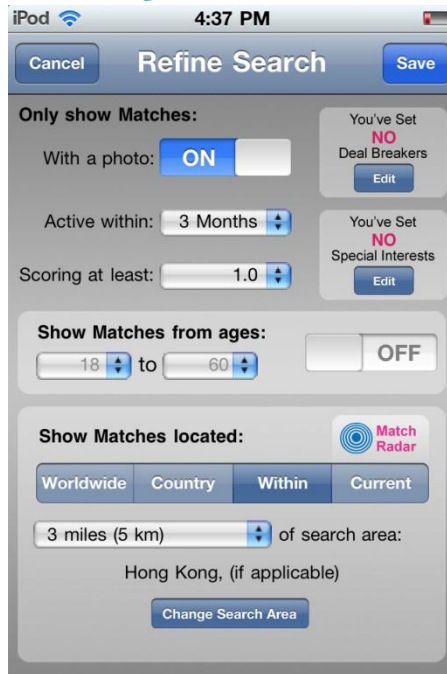
- Geosocial networking
 - Geographical information + social networking
- Discover nearby friends
- Interact with nearby friends

Example: Geosocial networking on mobile device

- foursquare
 - <http://foursquare.com/>
- Facebook Places
 - <http://www.facebook.com/places/>
- Google Latitude
 - <https://www.google.com/latitude>

To be more interesting

- There are some apps which are designed for dating:



Can you find out the common characteristic?

From those screenshots in the previous slide

Answer

- Using user location as a matching criteria
- Users are required to fill in some personal information

**Can you suggest other ways
to improve the matching?**

Include location history!

- Apart from getting real-time location of users, location history is also important for describing a user
- An example of location history is Google Latitude


Google Latitude History

Google Latitude - Google... x
https://www.google.com/latitude/b/0/history/dashboard

Google latitude

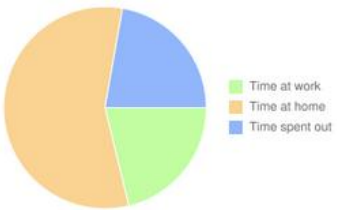
Friends | **History** | Apps

Dashboard Beta | [View and manage](#) | [Settings](#)

 **8,311 miles traveled**
217,310 more miles to the Moon

Note: The dashboard's info is in Beta and will improve over time. Thanks for your patience!
You may always delete parts or all of your location history displayed from the [management tab](#).
Learn more in the [Help Center](#).

How do I spend my time?




- Time at work
- Time at home
- Time spent out

Time at work

8-18 Dorset Crescent, Hong Kong

31 hours last week.

18 hours a week on average.




Time at home

Visited places


Most Recent

< Previous 1 - 6 of 23 Next >



Tuen Mun Christian Church, 18 Tsing Hoi Circuit, Hong Kong
Distance from home: 14 miles


Visits:
1/7/11 - 1/9/11
1/1/11 - 1/2/11
12/24/10 - 12/26/10
12/18/10
12/15/10
[41 more](#)



135 Junction Rd, Hong Kong
Distance from home: 2 miles

Visits:
1/2/11
8/3/10
7/7/10

Places nearby:
Hkicc Lee Shau Kee School
Of Creativity
Hau Wong Temple
Bishop Walsh Primary School



227 Cheung Sha Wan Rd, Hong Kong
Distance from home: 2 miles

Visits:
12/29/10

Places nearby:
聯泰街198號
Sham Shui Po
香港賽馬會投注處 - 深水埗汝州街
3 - Sham Shui Po 1
Yung Kee
[5 more](#)

Google Latitude History (Cont'd)

The screenshot shows the Google Latitude interface. At the top, the browser address bar displays <https://www.google.com/latitude/b/0/history/manage>. The page title is "Google latitude". Below the title are navigation tabs for "Friends", "History", and "Apps". Under "History", there are links for "Dashboard Beta", "View and manage", and "Settings".

The main content area is titled "History is Enabled" and shows a "Date Range:" of "01/08/2011 - 01/10/2011" with an "Apply" button. A list of history entries for "Saturday, January 8, 2011" is shown on the left, listing times and locations in Hong Kong. A map on the right displays a travel path with red location pins across the Kowloon Peninsula and New Territories, connected by a purple line. The map includes a scale bar (5 km) and a copyright notice: "©2010 Google - Map data ©2010 MapKing, Mapabc, Tele Atlas".

History is Enabled
Date Range: 01/08/2011 - 01/10/2011

Saturday, January 8, 2011

- 12:00 AM Wui Cheung Rd, Jordan
- 12:06 AM On Wan Rd, Hung Hom
- 12:07 AM Princess Margaret Road Link
- 12:08 AM Cheong Wan Rd, Hung Hom
- 12:13 AM Baker St, Hung Hom
- 12:15 AM Baker St, Hung Hom
- 12:19 AM Tak Man St, Hung Hom
- 12:21 AM Tak Man St, Hung Hom
- 12:23 AM Tak Man St, Hung Hom
- 12:27 AM Tak Man St, Hung Hom
- 12:32 AM Tak Man St, Hung Hom
- 1:32 AM Tak Man St, Hung Hom
- 2:15 AM Tak Man St, Hung Hom
- 3:19 AM Tak Man St, Hung Hom
- 4:19 AM Tak Man St, Hung Hom
- 5:19 AM Tak Man St, Hung Hom
- 5:26 AM Tak Man St, Hung Hom
- 6:27 AM Tak Man St, Hung Hom
- 6:57 AM Tak Man St, Hung Hom
- 7:57 AM Tak Man St, Hung Hom
- 8:08 AM Tak Man St, Hung Hom
- 9:09 AM Tak Man St, Hung Hom

©2010 Google - [Terms of Service](#) - [Privacy Policy](#) - [Latitude API](#) - [Help Center](#) - [Help Forum](#) - [Product Ideas](#) - [Survey](#)
Change Language: English (US)

Other possibilities

- Include
 - Apps usage (Both real-time & history data)
 - Phone usage
 - SMS usage
- However, privacy is a big concern!
 - Limit the scope on how these usages will be disclosed to others

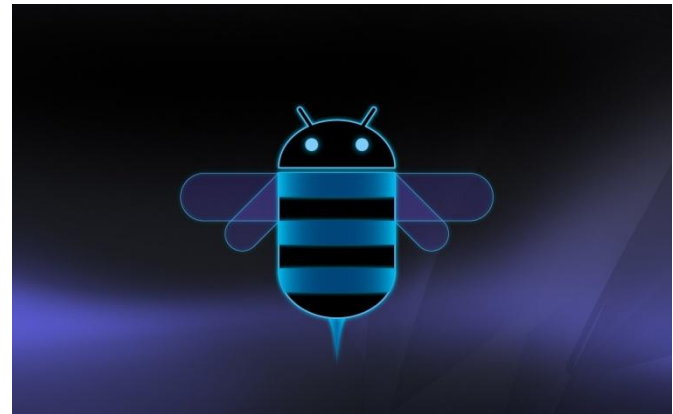
Recent IT hot topic

- Will the new Apple iPad2 dominate the tablet market?



OR

- Will Android 3.0 tablets be the new star?



-
- Are there any implications?