

HKUST – Mobile Application Design Contest (2015-16)

**Championship &
Best UI & Poster
&
Best Business Idea**

*PlexVibe -
A Music discovery
and Music
promotion platform*

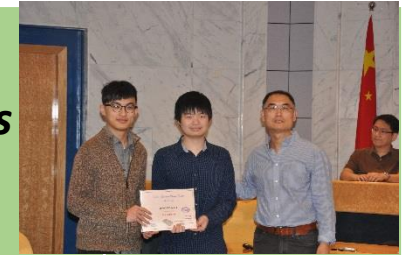
*Iwasaki Kenta
Maksud Mahian*



**1st Runner Up &
Best Presentation**

*Qnow -
An Instant Q&A
platform
in Social Media*

*SEPTIANTO Andrio
WIJAYA Reynaldi Octavianus
WONG Chi Hang, Morris*



**Second Runner
Up**

*TravelBuddy -
Transportation
Sharing*

*Chandra Prashanth
Gupta Akanksha
BORAR Sheetal*



Merit

*E-Care -
Medical
appointment
booking*

*NG Kai Hong, Clement
YUEN Yiu Tung
CHIU Tsz Tsun*



Merit

*Seat It -
Restaurant
reservation*

*Iyer Arvind
LIM Derrick Tze Hsien*



Championship &
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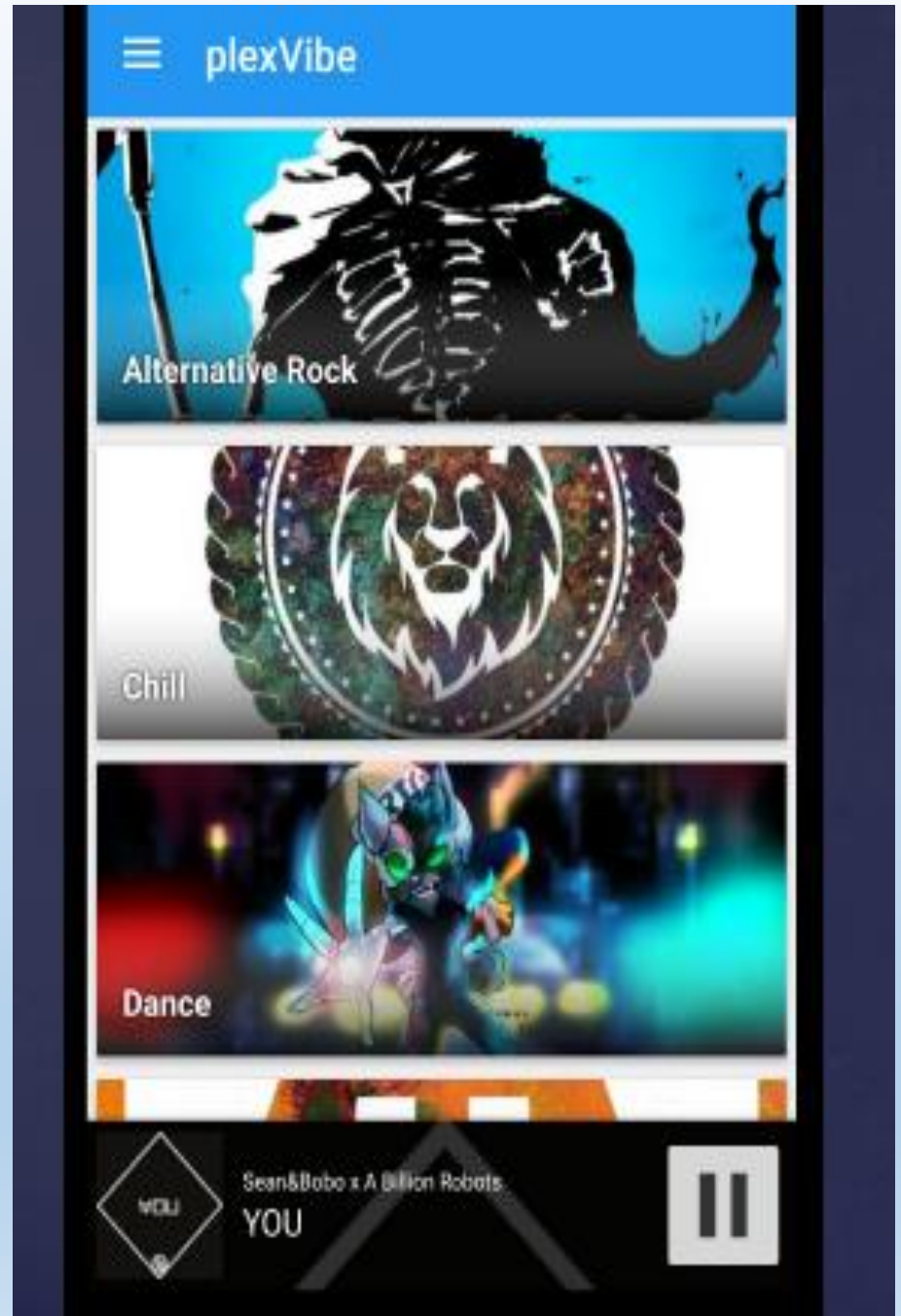
Application: *PlexVibe*

A Music discovery and Music promotion platform

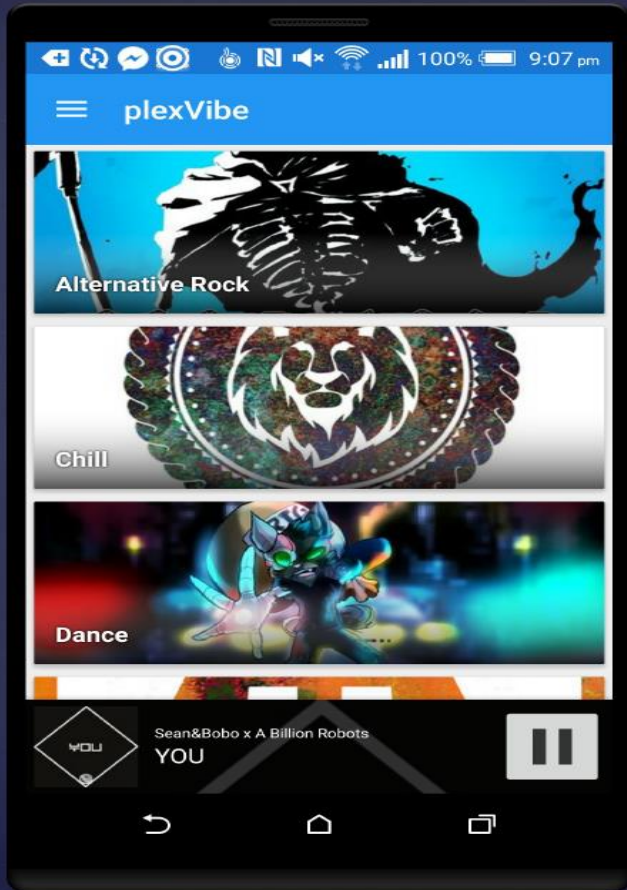
Developers:

IWASAKI Kenta

MAKSUD Mahian



The Best Business Idea



Introducing plexVibe

- ❖ **Manage** and playback both local and online music tracks within your playlists.
- ❖ **Use** plexVibe's currency "**plex**" to promote artists on its promotion network, or upgrade/customize your playlists.
- ❖ **Redefine** your music taste by having tracks recommended to you by plexVibe's music discovery algorithms using both deep-belief neural networks and data mining algorithms.
- ❖ **Easily** manage playback of music through plexVibe's simplified music player.
- ❖ **Discover** entirely new tracks through plexVibe's wide assortment of third party and mainstream genres and tracks.

The Best UI and Poster Design



plexVibe

Let the music find you.

What is it?

plexVibe is an Android music discovery application with the sole intent of giving users easy access to a large variety of modern, cultural, upbeat, and euphoric assortment of music genres by providing to users a channel to all the latest music tracks sourced from SoundCloud composed by both third party and mainstream artists through a sleek and stylish interface.



World of Music Redefined

Manage and playback both local and online music tracks within your playlists.

Use plexVibe's currency 'plex' to promote artists on its promotion network or upgrade/customize your playlists.

Redefine your music taste by having tracks recommended to you by plexVibe's music discovery algorithms using both deep-belief neural networks and data mining algorithms.

Easily manage playback of music through plexVibe's simplified music player.

Discover entirely new tracks through plexVibe's wide assortment of third party and mainstream genres and

Artist	Title	Duration	Genres	Date
Sean & Gobo	YOU	3:10	Pop, Rock	2014-08-15
Sean & Gobo	YOU	3:10	Pop, Rock	2014-08-15
Sean & Gobo	YOU	3:10	Pop, Rock	2014-08-15
Sean & Gobo	YOU	3:10	Pop, Rock	2014-08-15

Client Libraries

plexVibe uses various Android open-source libraries in order to simplify not only code or structure (via dependency injection and event bus management), but also tedious tasks such as resource management and caching, and to provide a better user experience through animations and material design.

- Android Support Library
- Bumptech Glide Image Library
- Retrofit 2 REST API CRUD Library
- Sothree Sliding Up Panel Library
- RoboGuice Dependency Injection & Event-Bus Library
- Active Android SQLite ORM Manager

Server Libraries

plexVibe on its backend uses MeteorJS alongside MongoDB in order to maintain both its track and genre data. plexVibe also uses the BrainJS library in order to perform its music discovery algorithm, and uses Bootstrap CSS Framework on the frontend in order to make a stylish admin and user web interface.



Future Potential

plexVibe plans to branch out onto the Android market in the coming future as not only a music discovery network, but as a music-oriented social network as well where users may connect with other users who have similar music tastes.

plexVibe has the features and potential capacity needed to provide a finer music discovery experience through the implementation of a social network as users may then have the potential to share music-oriented social statuses, playlists, virtual currency, media, and more.

1st Runner Up & Best Presentation

Application: QNow

**An Instant Q&A platform
in Social Media**

Developers:

SEPTIANTO Andrio

WIJAYA Reynaldi Octavianus

WONG Chi Hang, Morris

Instant social Q&A platform
Anything. Anywhere. Anytime.

John
I took it a few years ago, he's awesome
Mon, Feb-16 21:21

Ivan
Was the workload OK? I'm planning to take 3 other COMP courses
Mon, Feb-15 21:21

Wow, might be too heavy
Mon, Feb-15 21:21

Reynaldi
I took the 3111H, it was alright
Mon, Feb-15 21:21

John
3 other COMP courses might be too hard, I'd say reduce it to 2

The world as your social circle
Reach out to the world and not just your circle. More people are available and ready to help.

Built as a service
Built to fit any chat platform, This means you can contribute using any chat applications you love.

Tag a friend in
A friend has had similar problem or is having similar problem? Tag them in and help others.

Follow-ups
The answer is not clear? Did not ask the question right? Follow the discussion and answer up.

Qnow

HOME EXPLORE FOLLOWED

Travelling to HK this summer, need help 1 3

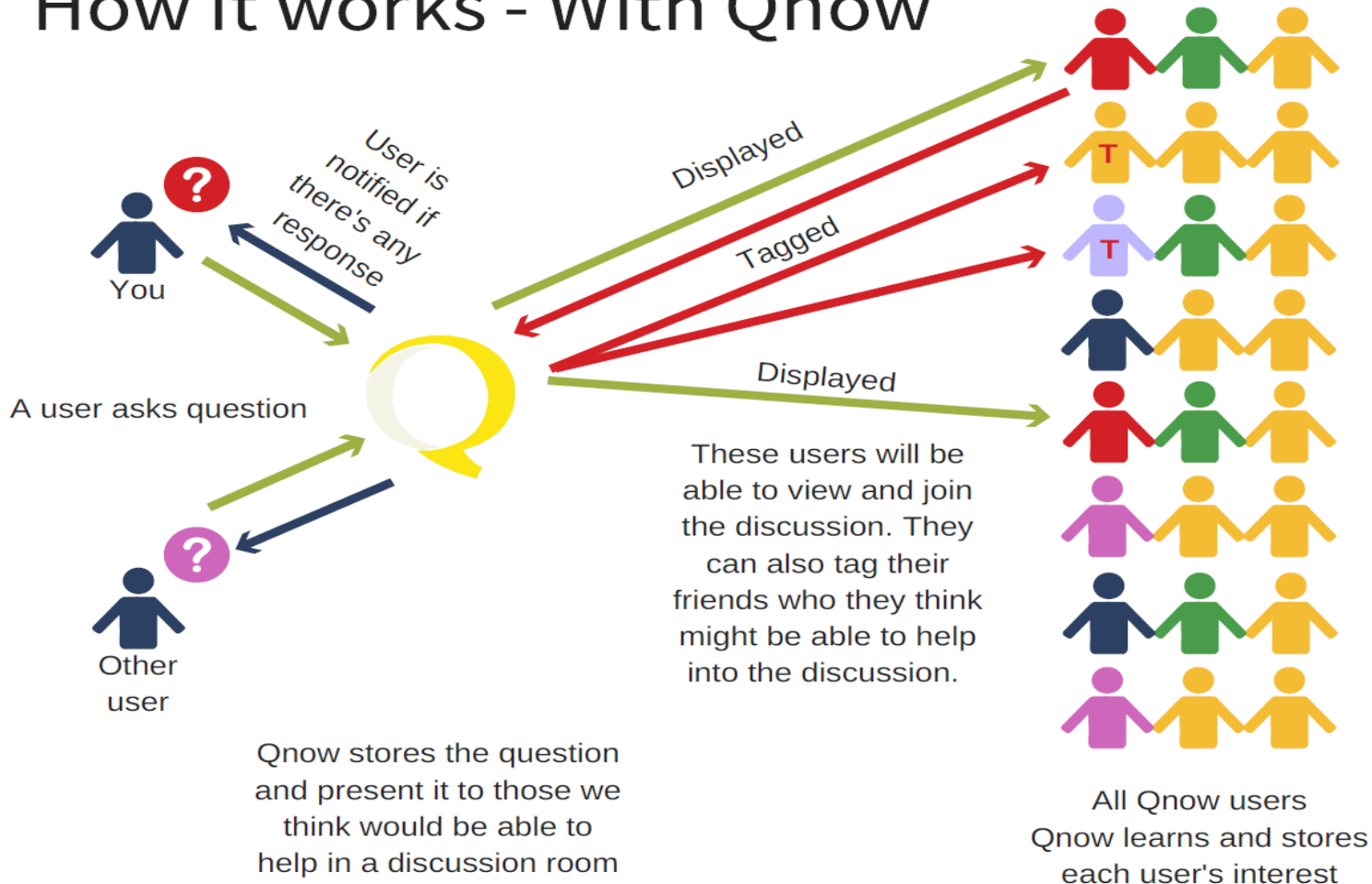
Summer internship in Goldman Sachs 3 2

COMP 3111 Spring 2016 Prof. Kim 6 4

Bali for a weekend trip 1 1

Best Presentation

How it works - With Qnow



Second Runner Up

Application: **TravelBuddy**

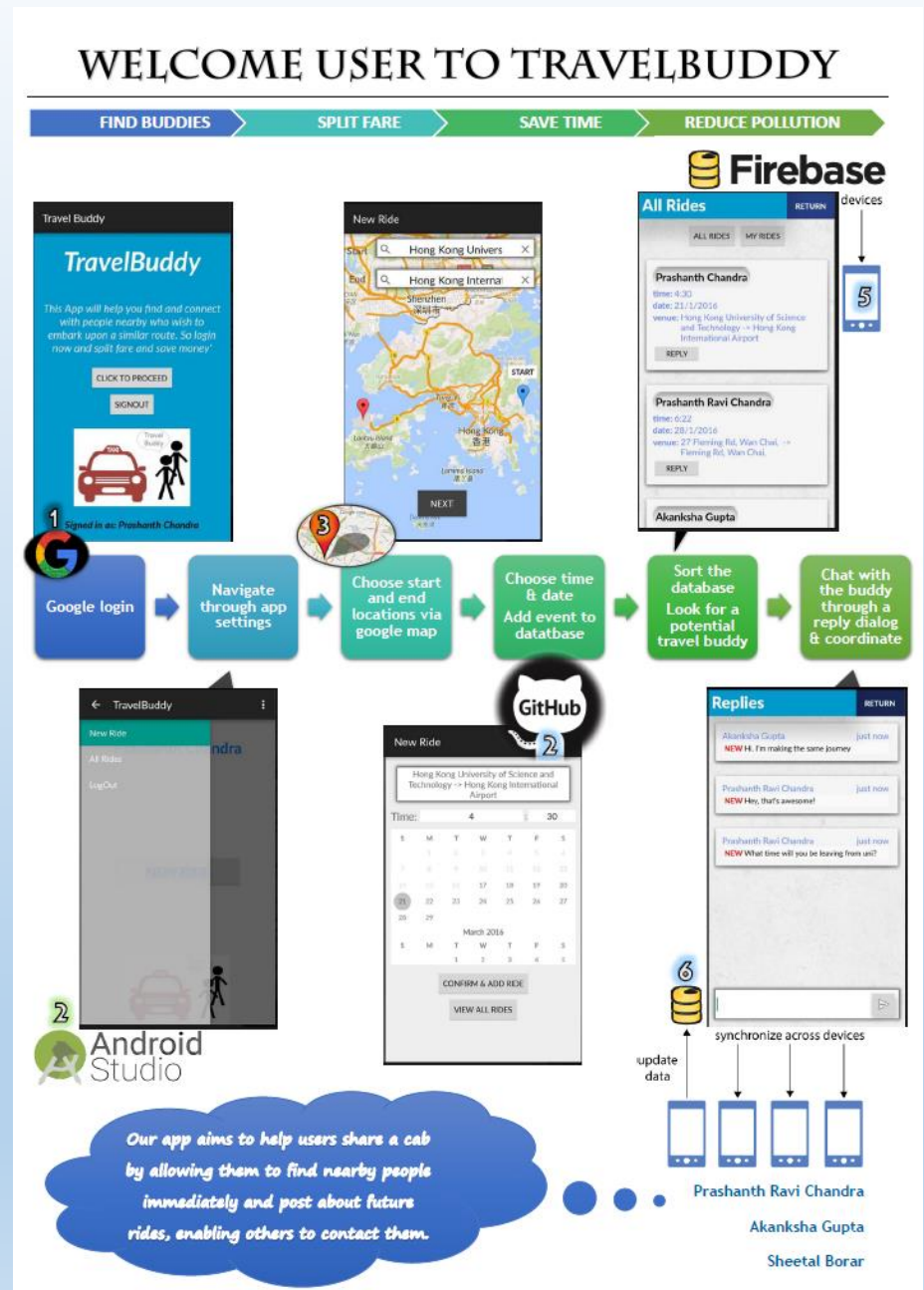
**A Platform for
Transportation Sharing**

Developers:

CHANDRA Prashanth

GUPTA Akanksha

BORAR Sheetal



Merit

Application: E-Care

A Platform for Medical appointment booking

Developers:

NG Kai Hong, Clement

YUEN Yiu Tung

CHIU Tsz Tsun



E-CARE
Android App



E-care is simply a communicating platform for the patients and health care group.

With E-care, patients can make appointment in advance.

With E-care, patients do not need to wait fetching the medication for long.

With E-care, patients can receive reminder to take medicine on time.

With E-care, patients can report any side effects encountered while taking the medication and get advice from health care group remotely.



QR code login

There are mainly two types of accounts such as the patients and health care group.

Members of health care group will help patient to create an account and then give QR code for them to scan and login in their own .



Appointment management

Patients can have a booking with health care group before they come to the connected clinic or hospital.

For the patient with appointment, E-care will send a SMS reminder for them if it is soon for their turn.



reminder of taking relevant medication

E-care would provide a alarm for them when time is reached to take the relevant medicine.



Report system for side effect

Patients have the option to report any side effects encountered while taking the medication and rate it as urgent, major or minor discomfort.

The health care group gives immediate responses and advices.




Merit

Application: *Seat It* **A Platform for Restaurant reservation**

Developers:

IYER Arvind

LIM Derrick Tze Hsien



Through the use of our table management system, getting customers seated becomes a walk in the park. Give mobile customers an estimated wait time with our statistical models, and enhance restaurant visibility with our social networking and news page.

**Handle Reservations
with just a tap**

Directly control your reservations in the comfort of your phone or tablet. Keep reservation information safe, secure and easily accessible through our in-built table management system. Free your staff from the telephone by reducing the need to take reservation phonecalls with the help of our consumer app.

**Manage Orders Effectively
without pen and paper**

Take and process orders with your smartphone alone. Organize your order management without the fuss and hassle of using pen and paper, and avoid wasting paper in doing so. All orders are directly linked to specific tables, allowing for a seamless, waste-free experience in getting food from the kitchen to the customer's table.

