HKUST – Mobile Application Design Contest (2015-16)
<table>
<thead>
<tr>
<th>Category</th>
<th>1st Place</th>
<th>3rd Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>Championship &amp; Best UI &amp; Poster &amp; Best Business Idea</td>
<td>PlexVibe - A Music discovery and Music promotion platform</td>
<td>Iwasaki Kenta Maksud Mahian</td>
</tr>
<tr>
<td>1st Runner Up &amp; Best Presentation</td>
<td>Qnow - An Instant Q&amp;A platform in Social Media</td>
<td>SEPTIANTO Andrio WIJAYA Reynaldi Octavianus WONG Chi Hang, Morris</td>
</tr>
<tr>
<td>Second Runner Up</td>
<td>TravelBuddy - Transportation Sharing</td>
<td>Chandra Prashanth Gupta Akanksha BORAR Sheetal</td>
</tr>
<tr>
<td>Merit</td>
<td>E-Care - Medical appointment booking</td>
<td>NG Kai Hong, Clement YUEN Yiu Tung CHIU Tsz Tsun</td>
</tr>
<tr>
<td>Merit</td>
<td>Seat It - Restaurant reservation</td>
<td>Iyer Arvind LIM Derrick Tze Hsien</td>
</tr>
</tbody>
</table>
Championship &
Best UI & Poster &
Best Business Idea

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 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.

What is it?

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.

Client Libraries

- Android Support Library
- Gumtah Glide Image Library
- Retrofit 2 REST API CRUD Library
- Selinio Sliding Up Panel Library
- RoboGlide Dependency Injection & Event Bus Library
- Active Android SQLLite 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 Brain.js 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.

World of Music Redefined

- Manage and playback both local and online music tracks within your playlists
- Use plexVibe’s currency ‘play’ 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 algorithm, using both deep-data 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

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 free music discovery experience through the implementation of social network as users may then have the potential to share music-oriented social statuses, playlists, virtual currency, medias, 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
How it works - With Qnow

A user asks question

User is notified if there's any response

Qnow stores the question and present it to those we think would be able to help in a discussion room

These users will be able to view and join the discussion. They can also tag their friends who they think might be able to help into the discussion.

All Qnow users Qnow learns and stores each user's interest

Displayed

Tagged

Displayed

You

Other user

T
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
Merit

Application: Seat It
A Platform for Restaurant reservation

Developers:
IYER Arvind
LIM Derrick Tze Hsien