Help and Love Application (SS7b-14)

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Introduction

Smartphone with Android OS has become popular these years and it could be said that everyone got a smartphone in his pocket.

In view of this, an user-friendly Android application that make friends with one another, giving helps and receiving helps from others, or even share daily events to almost all people that are living around you in Hong Kong with material UI design layout, getting help using GPS location system was developed in this final year project.

Aim and Objective

1. Creating a platform for users to communicate with each other such as a forum for discussing things happened around their living area.
2. Provide an instant helping functions that help users getting out of some sticky situation by interacting with other users.
3. Provide a platform for users to leave questions and reply answers, or organize
4. Provide a new category and way for users to make friends, share their minds and kill times when travelling.

System Block diagram

The block diagrams show the flow of data in our system. When users open the app, they request data from the web server and the server then sends SQL Query to the database. The database will return the data such as posts and messages, and shows in the UI.

Methodology

Format of the app

- Design phase
There are various ways to let users communicate with one another, such as real time messaging, mailbox, etc. Upon all these methods, forum is the best way for massive communication.

- Decision on the application platform
According to the market share research of the smartphone OS, android occupy >76.6% of all OS. It is efficient and reasonable to pick android as the platform to develop.

- Implementation phase

Login and authentication
In order to communicate with other users, basic user info is needed to be stored and manipulate during the operation of the app. It acts like the HKID card of Hong Kong citizens for using the functions.

Results

Android Material UI

There are rooms for improvement about the functions and UI design, the results showed above may be differ compare to the newer versions.