

LocalBuddies

Location Based Q&A Service Android App

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LOCALBUDDIES

provides a platform for asking and receiving answers that are appropriate for users' locations.

Motivation

People are relying on Internet to search for information. Also, smartphone is widely used. However, they cannot usually find relevant information, much information is either irrelevant or of questionable accuracy.

Question:
Any traffic jam in
Mong Kok?

irrelevant

Answer:
Sunshine today!:)



Objective

Our goal is to provide an optimized Q&A platform for users to get reliable information by involving a Location Based Services.

Project Overview:

Features:

Registration

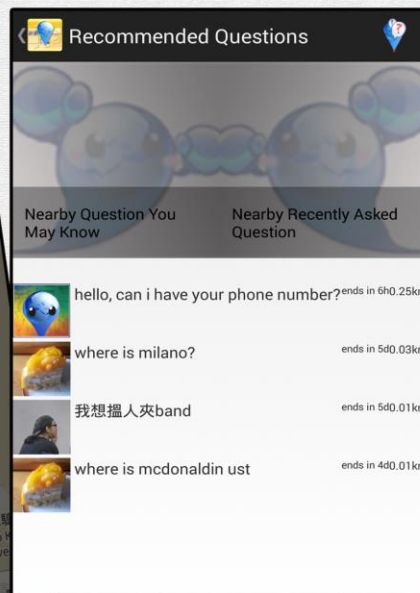
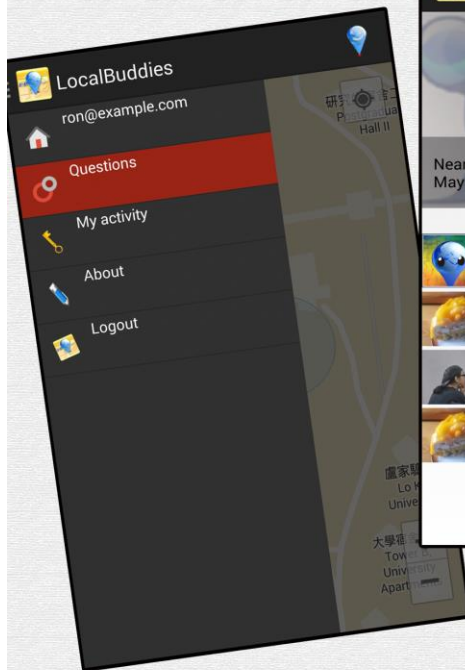
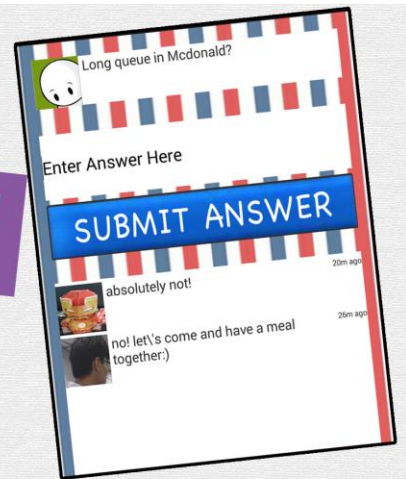
User Profile

Q&A

Map

Location Based Services

- Allow users to view previous Q&A related to their current location
- Scoring system encourages reliable answer
- Sort information by distance



Question Categories: Suggested Nearby Question

Traffic
Entertainment
Outdoor
Food
Shop

Testing

Ensure our users can enjoy our app with a high degree of satisfaction

- The app can be installed on Android 4.0 or higher
- Expected results displayed without run time errors or noticeable delay.
- The database server is fast, efficient and stable

Testing

Module-based strategy:

Find potential internal errors of the product by dividing it into different modules

Case-based strategy:

Identify potential logical errors by simulating a real environment.

Test case ID	M01
Test case title	Register
Purpose	Ensure that the user can become a new member by using the register function
Hardware / Software requirement(s)	The tested mobile application is installed in a smart phone
Pre-requirement	Open Wi-Fi
Input specification	Email address and password
Steps	<ol style="list-style-type: none">1. Open slide menu and click "register"2. Input register's data3. Check input data4. Testing finished <p>Register success dialog will pop-up before the member's main page appears</p>

Test case ID	S02
Test case title	Register a member's account
Purpose	Help the user become our member & Ensure that the email address is unique
Hardware / Software requirement(s)	The tested mobile application is installed in a smartphone and the server is running
Pre-requirement	Open Wi-Fi
Input specification	Email address and password
Steps	<ol style="list-style-type: none">1. Input the personal information2. Click the "Register" button3. Call the server and check the email address from the database4. Check if the database already has a new member added5. Testing finished
Expected output specification	After the user clicks the "Register" button, the message "register success" will appear at the bottom within 5 seconds, otherwise, a warning dialog will say that the email address is already registered

Data Mining

- Performs data mining on analyzing the relationships between questions' categories users search and post
- Provides the frequently asked questions within a timeslot.
- The relationship between location and questions' categories can be used for location-based business aspect.

Result

We have invited few people to use our app for a month, the initial comments from them are positive. It is a good platform for them to get information of a particular location.