Artic-Review (Restaurant)

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Abstract: Artic-Review is an application designed primarily for use to locate utility resources. Wide use of GPS-enabled smartphones, location-based services has become a hot topic in mobile research. This article implements mobile Site-based navigation system and restaurant recommendations. In order to improve the server side the response speed of real-time query, we recommend using the memory pool model, Expand Accept command, No data polling and interrupt client mechanism designed to significantly improve server-side control Process. From the client side, we integrate the latest Web 2.0 application data with the site. Data, propose collaborative assessment and recommendation mechanisms, can provide users with
There are restaurants based on real-time websites and personal navigation recommendations.

I. INTRODUCTION

Currently, for smartphones GPS function components have become very good Popularity is widely used. How to save time Personal information and communication

Use location-based services? This problem is gradually narrowing Concerns from researchers in different fields, Content providers and network operators. With Well-known independent research field So-called location-based services (LBS).

New generation mobile multimedia Mobile phones and iPhones start online integration Google Maps services such as LBS can help users reaching the destination by traffic Information and road conditions.

LBS is a comprehensive mobile phone business Web-based service, its goal Providing website and personality Frequently provide information services for websites Change mobile users.

Compared with traditional GIS, from the perspective of hardware and software, LBS is Participate in more platforms and components, including the Internet, GIS, GPS equipment, telecommunications technology and more.
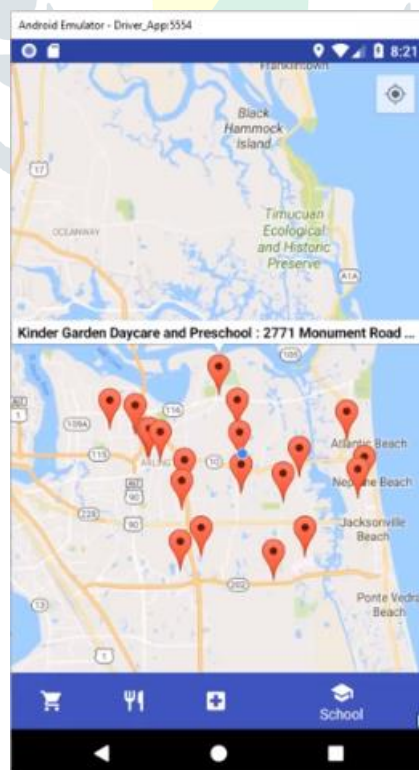

Fig 1.1

II. Literature Review

Artic-Review application information from our system can be divided into two types: existing location Data (such as traffic status data and road conditions, GPS map, entity information, etc.) User-added value-added data (for example comments, blogs, tags, etc.).

The system will receive the original restaurant through matching candidates the database is based on location (e.g. distance) Current location radius is 500 meters) Information navigation restaurant. In addition, The system will be formatted for analysis User review information and filters The original candidate, therefore returning to the restaurant User requirements are more convenient.

III. Google Maps

[1]Google Maps is an advanced web navigation system From Google. Google Maps has a large and accurate map 210 countries and regions. Allow users to search Suitable for all parts of the world. It also provides some information about different locations of users he wants.

Google Maps is used for different city locations. Users can respect the direction of another site go to his own position. Google Maps offers different options the user determines his own mode of transport, i.e. the bus, Train and walk.

Google Maps also gives users the distance and time from one location to another.

Fig 1.2(Google Map)

Google Maps helps users by providing directions Driving directions, public transportation and walking More than 14,000 towns. It also provides Real-time traffic conditions, incident reports and automated Redirect to find the best way. Google Map Contains more than 90 million details neighbor. It also offers street and satellite views.

IV. Google API's

Android allows us to integrate Google Maps into our app. That's why Google provides us with a library to use maps through Google Play services. To use the Google Maps API, you must register your app and enable the API on the Google Developer Console [1].
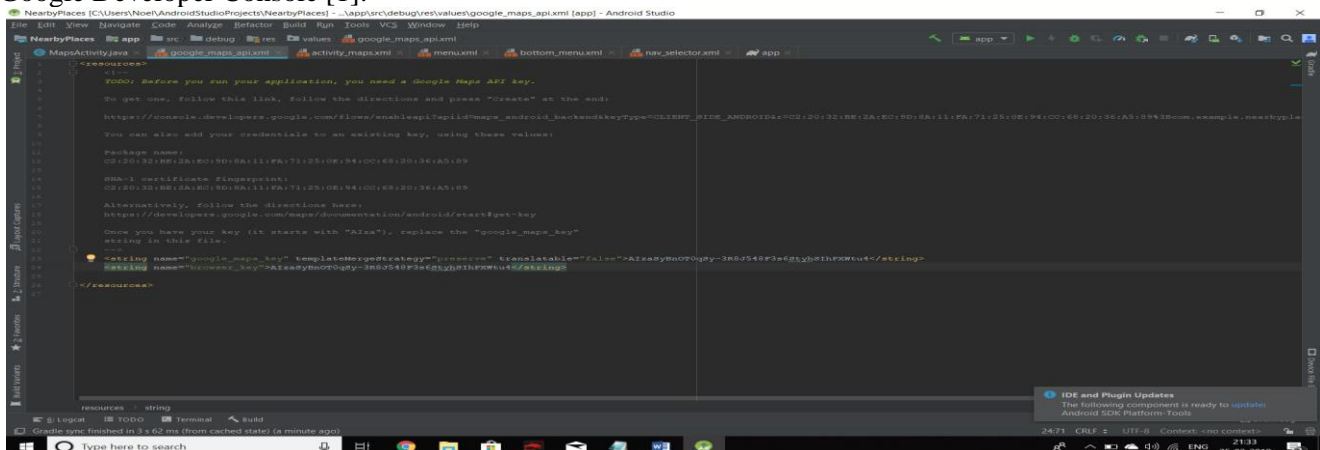

Fig1.3 (API Key)

V. Client-side Implementation

Customer users simply enter a search keyword unclear constraints (such as the environment Distance, food taste, grade, etc.). And server the restaurant will provide food for the competition the message is below [2]:-

1) Basic information: including name, phone number, Title, recommended dish, introduction, the same is true for per capita consumption classification.

2) Collaboration feature information: Cooperation suggestion Filter and categorize labels from other users Praise the data.

3) Electronic maps and navigation: restaurants and Sign in the shape of a balloon shown in vector Map, you can navigate in real time.

4) Restaurant coupon: name, offer Margin, due date and coupon barcode.

VI. CONCLUSION

This form is for your mobile website Restaurant navigation and recommendation system. On the server side, we recommend a series of opertimazation Mechanism as a memory pool model, extended to accept the command, investigate the client without interrupting the data Mechanism designed to enable your server Real-time capacity is large, fast response Inquire. On the client side, we combine the latest Web 2.0 application data and location-based data, and collaborative evaluation proposals Recommendation mechanism, available to users there is a restaurant based on real-time website Personal navigation is recommended.

VII. ACKNOWLEDGMENT

VIII. REFERENCES

[1] **Google Maps** https://abhiandroid.com/programming/googlemaps

[2] **Client Side Implementation** http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.463.3670&rep=rep1&type=pdf