

Method and Device for Providing User Information, and Computer Storage Medium

Field of the Technology

5 The disclosure relates to network communication technologies, and particularly relates to a POI-based method for providing user information, a device for providing user information, and a corresponding computer storage medium.

Background

Social contact application is one of the most extensive applications in a mobile terminal such as a mobile phone, a tablet PC, etc.

10 When a user uses the social contact application, one of the most commonly used functions is to provide a user with information on other strangers, and allow the user to selectively add part of the strangers as friends. In the realization of the function, an important part is that how a mobile terminal provides the user with the information on other strangers. A method of providing user information, which uses existing
15 technologies, mainly includes the following steps. First, a server tracks user position information of a user holding a mobile terminal in real time. Second, when a first user enters a certain range set by a second user, the information of the first user is provided to the second user through the mobile terminal, so that the second user can add the first user as a friend.

20 In the process of realizing the disclosure, ~~the inventor finds that existing technologies at least have the following problems.~~ First, a server requires a lot of system resources when the server makes real-time tracking of position information of each user. Second, when the information of the first user is provided to the second user, the provision is only related to the range set by the second user. It may be
25 possible that the first user provided by the mobile terminal is likely not to be a stranger in which the second user is really interested, that is, the first user provided may have poor attraction to the second user, and eventually the possibility that the first user is added as a friend of the second user is small.

Claims

1. A method for providing user information, comprising:
 - acquiring information relating to user position of a user;
 - acquiring a point of interest associated with the user position;
 - acquiring other users who have performed registration on the point of interest within a predetermined time period; and
 - providing information of the other users to the user.
- ~~2. The method according to claim 1, wherein acquiring the information relating to the user position of the user comprises:~~
 - ~~receiving user position information of the user.~~
32. The method according to claim 1, wherein acquiring the information relating to the user position of the user comprises:
 - receiving preliminary locating information of the user; and
 - positioning the user according to the preliminary locating information to obtain the information relating to the user position.
43. The method according to claim 1, wherein acquiring the point of interest associated with the user position comprises:
 - acquiring at least one point of interest having a distance with the user position less than a predetermined range as the point of interest associated with the user position.
54. The method according to claim 1, wherein providing the information of the other users to the user comprises:
 - providing the information of the other users to the user through a predetermined way;
 - wherein the information comprises user identification information and registered POI information; and
 - the predetermined way comprises at least one of the following ways including audio, video, text, and short message.

65. The method according to any of claims 1-54, wherein the registration comprises: associating the user identification information, registration time and the registered POI information of a registration initiating user to generate registration information.

76. A device for providing user information, comprising:

a position acquiring module, configured to acquire information relating to user position of a user;

a POI acquiring module, configured to acquire a point of interest associated with the user position;

a user acquiring module, configured to acquire other users who have performed registration on the point of interest within a predetermined time period;

an information providing module, configured to provide information of the other users to the user;

wherein the registration comprises: associating user identification information, registration time, and registered POI information of a registration initiating user to generate registration information.

~~8. The device according to claim 7, wherein the position acquiring module comprises: a first request receiving unit; and~~

~~the first request receiving unit is configured to acquire the information relating to the user position of the user.~~

97. The device according to claim 76, wherein the position acquiring module comprises: a ~~second~~ request receiving unit, and a user position locating unit;

wherein the ~~second~~ request receiving unit is configured to receive preliminary locating information of the user; and

the user position locating unit is configured to locate the user according to the preliminary locating information to obtain the user position.

~~108. The device according to claim 76, wherein the POI acquiring module comprises: a first acquiring unit;~~

wherein the first acquiring unit is configured to acquire at least one point of interest having a distance with the user position less than a predetermined range as the point of interest associated with the user position.

~~11~~9. The device according to claim ~~7~~6, wherein the information providing module comprises: a first information providing unit;

wherein the first information providing unit is configured to provide the user with the information of the other users through a predetermined way; wherein the information comprises user identification information and registered POI information, and the predetermined way comprises at least one of the following ways including audio, video, text, and short message.

~~12. The device according to any of claims 7-11, wherein the registration comprises: associating user identification information, registration time, and registered POI information of a registration initiating user to generate registration information.~~

~~13. A computer storage medium for storing executable instructions of a computer, wherein the executable instructions of the computer are configured to control the computer to implement a method of providing user information, wherein the method comprises:~~

~~acquiring user position information of a user;~~

~~acquiring a point of interest associated with the user position;~~

~~acquiring other users who have registered on the point of interest within a predetermined time period; and~~

~~providing information of the other users to the user.~~

~~14~~10. A method for providing user information, comprising:

receiving registration of a user on a point of interest;

acquiring other points of interest associated with the point of interest;

acquiring other users registered on the point of interest and the other points of interest within a predetermined time period; and

providing information of the other users to the user, or providing information of the user to the other users.

~~15~~11. The method according to claim ~~14~~10, wherein acquiring the other points of interest associated with the point of interest comprises:

acquiring at least one point of interest having a distance with the point of interest less than a predetermined range as the other points of interest associated with the point of interest.

~~16~~12. The method according to claim ~~14~~10, wherein acquiring the other points of interest associated with the point of interest comprises:

acquiring at least one point of interest under the same category and having a distance with the point of interest less than a predetermined range as the other points of interest associated with the point of interest.

~~17~~13. The method according to claim ~~14~~10, wherein providing the information of the other users to the user, or providing the information of the user to the other users comprises:

providing the information of the other users to the user through a predetermined way, wherein the information includes user identification information and registered POI information;

or, providing the information of the user to the other users through a predetermined way, wherein the information includes user identification information and registered POI information;

wherein the predetermined way comprises at least one of audio, video, text, and short message.

~~18~~14. The method according to claim ~~14~~10, before receiving the registration of the user on the point of interest, further comprising:

receiving a request of the user on searching for POIs;

locating the user according to the request to obtain the user position;

acquiring at least one point of interest having the distance with the user position less than the predetermined range; and

obtaining the at least one point of interest as a registerable POI for feedback.

~~19. The method according to any of claims 14-18, wherein the registration comprises: associating user identification information, registration time, and~~

~~registered POI information of a registration initiating user to generate registration information.~~

~~2015.~~ A device for providing user information, comprising:

a POI registering module, configured to receive registration from a user;

a first acquiring module, configured to acquire other points of interest associated with the point of interest;

a user acquiring module, configured to acquire other users which have registered on the point of interest and the other points of interest within a predetermined time period; and

an information providing module, configured to provide information of the other users to the user, or provide information of the user to the other users.

~~2116.~~ The device according to claim ~~2015~~, wherein the first acquiring module comprises: a first POI acquiring unit; and

the first POI acquiring unit is configured to obtain at least one point of interest having a distance with the point of interest less than a predetermined range as the other points of interest associated with the point of interest.

~~2217.~~ The device according to claim ~~2015~~, wherein the first acquiring module comprises: a second POI acquiring unit; and

the second POI acquiring unit is configured to acquire at least one point of interest under the same category and having a distance with the point of interest less than a predetermined range as the other points of interest associated with the point of interest.

~~2318.~~ The device according to claim ~~2015~~, wherein the information providing module comprises: a first information providing unit, and/or a second information providing unit; and

the first information providing unit is configured to provide the information of the user to the other users through a predetermined way, wherein the information includes user identification information and registered POI information;

the second information providing unit is configured to provide the information of the other users to the user through a predetermined way, wherein the information includes user identification information and registered POI information;

wherein the predetermined way includes at least one of audio, video, text, and short message.

2419. The device according to claim 2015, further comprising: a request receiving module, a user position locating module, a second acquiring module, and a registration feedback module;

wherein the request receiving module is configured to receive a request of the user on searching for POIs;

the user position locating module is configured to locate the user according to the request to obtain the user position;

the second acquiring module is configured to obtain at least one point of interest having the distance with the user position less than the predetermined range; and

the registration feedback module is configured to obtain the at least one point of interest as a registerable POI for feedback.

~~25. The device according to any of claims 20-24, wherein the registration comprises: associating user identification information, registration time, and registered POI information of a registration initiating user to generate registration information.~~

~~26. A computer storage medium for storing executable instructions of a computer, wherein the executable instructions of the computer are configured to control the computer to implement a method of providing user information, wherein the method includes:~~

~~receiving registration of a user on a point of interest;~~

~~acquiring other points of interest associated with the point of interest;~~

~~acquiring other users who have registered on the point of interest and the other points of interest within a predetermined time period; and~~

~~providing information of the other users to the user, and providing information of the user to the other users.~~