

ABSTRACT

Methods and servers for searching for nearby users are provided in the present disclosure. When location information and a user Identification (ID) is received from a client terminal device of a user X, a grid Y, to which the location information belongs is determined. The user ID and the location information of the user X is stored in a list of the grid Y. The grid Y is one of grids in a grid array obtained by dividing a surface of the earth into the grids and areas of the grids are the same. Users in the grid Y and other grids are searched. The grid Y and the other grids form an N-grid and the grid Y is a center of the N-grid. The users are ranked in an ascending order of distances between the users the user X. The ranked user IDs of the users and distances between the users and the user X are sent to the client terminal device of the user X. The ranking may be further performed according to the reporting time. With the methods and devices in the present disclosure, the accuracy of the searching result may be enhanced.