CLAIMS

1. A location-based group generation method, comprising:

storing mobile terminal location information corresponding to mobile terminal identifiers by a storage module;

receiving a group generation request that indicates a location area from a first mobile terminal;

determining, according to the stored mobile terminal location information, other mobile terminal identifiers in the location area indicated in the group generation request besides a first mobile terminal identifier;

setting the determined other mobile terminal identifiers and the first mobile terminal identifier into a group;

receiving a group message that carries a group identifier and group information from a mobile terminal in the group;

determining a group corresponding to the group identifier; and

sending the group information carried in the group message to the mobile terminals in the group corresponding to the group identifier except the mobile terminal that sends the group message.

2. The method according to claim 1, wherein:

the mobile terminal location information is reported by mobile terminals after a self detection.

3. The method according to claim 1, wherein:

the location area includes a location point that is one of a geographic location of the first mobile terminal and a geographic location specified by the first mobile terminal.

4. The method according to claim 3, wherein:

the location area is one of a circular and a rectangular area centered on the location point and extended to a specific distance.

5. The method according to claim 1, further comprising:

assigning a group identifier to the group; and

sending the group identifier to mobile terminals in the group.

6. The method according to claim 1, further comprising:

receiving a group deletion message that carries the group identifier from the first mobile terminal, and

deleting the group corresponding to the group identifier.

7. A location-based group generation system, comprising mobile terminals and a server, wherein the mobile terminals comprise a first mobile terminal and other mobile terminals, wherein:

the first mobile terminal is configured to send a group generation request that indicates a location area to the server;

the server is configured to: store mobile terminal location information corresponding to mobile terminal identifiers, receive the group generation request from the first mobile terminal, determine, according to the stored mobile terminal location information, other mobile terminal identifiers in the location area indicated in the group generation request

besides a first mobile terminal identifier, and set the determined other mobile terminal identifiers and the first mobile terminal identifier into a group;

mobile terminals in the group are further configured to send and receive a group message that carries the group identifier and group information; and

the server is further configured to receive the group message that carries the group identifier and the group information from the mobile terminal in the group, determine a group corresponding to the group identifier, and send the group information carried in the group message to the mobile terminals in the group corresponding to the group identifier except the mobile terminal that sends the group message.

8. The system according to claim 7, wherein:

the server is further configured to assign a group identifier to the group, and send the group identifier to mobile terminals in the group.

9. The system according to claim 7, wherein:

the first mobile terminal is further configured to send a group deletion message that carries the group identifier to the server; and

the server is further configured to receive the group deletion message that carries the group identifier from the first mobile terminal, and delete the group corresponding to the group identifier.

10. A location-based group generation apparatus, comprising a storage module, a transceiver module and a setting module, wherein:

the storage module is configured to store mobile terminal location information corresponding to mobile terminal identifiers;

the transceiver module is configured to receive a group generation request that indicates a location area from a first mobile terminal and send the request;

the setting module is configured to: determine, according to the mobile terminal location information stored in the storage module, other mobile terminal identifiers in the location area indicated in the group generation request besides a first mobile terminal identifier, and set the determined other mobile terminal identifiers and the first mobile terminal identifier into a group; and

the transceiver module is further configured to receive the group message that carries the group identifier and the group information from the mobile terminal in the group, determine a group corresponding to the group identifier in the setting module, and send the group information carried in the group message to the determined mobile terminals in the group corresponding to the group identifier except the mobile terminal that sends the group message.

11. The apparatus according to claim 10, wherein:

the setting module is further configured to assign a group identifier to the group, and the transceiver module is further configured to send the group identifier to mobile terminals in the group.

12.The apparatus according to claim 10, further comprising:

a deleting module, configured to delete the group corresponding to the group identifier after the receiving module receives a group deletion message that carries the group identifier from the first mobile terminal.