

CLAIMS

1. A method of outputting prompt information based on LBS, comprising:
acquiring current time and/or a current geographic location;

5 determining whether the current time falls within a preset time range, and/or whether a value of distance between the current geographic location and a preset specified geographic location is less than or equal to a preset distance value;

outputting a preset prompt information when the current time falls within the preset time range, or when the value of distance between the current geographic
10 location and the preset specified geographic location is less than or equal to the preset distance value, or when the current time falls within the preset time range and the value of distance between the current geographic location and the preset specified geographic location is less than or equal to the preset distance value, wherein the prompt information includes service information related to the specified
15 geographic location for providing services related to the specified geographic location.

2. The method according to claim 1, wherein after the step of determining whether the current time falls within the preset time range, or whether the distance
20 between the current geographic location and the preset specified geographic location is less than or equal to the preset distance value, the method further comprising:

not outputting the preset prompt information, and returning to the step of acquiring the current time and/or the current geographic location, when the current time is not within the preset time range, or when the value of distance between the
25 current geographic location and the preset specified geographic location is greater than the preset distance value, or when the current time is not within the preset time range and the value of distance between the current geographic location and the preset specified geographic location is greater than the preset distance value.

3. The method according to claim 1, wherein before the step of determining whether the current time falls within the preset time range, or whether the value of distance between the current geographic location and the preset specified

geographic location is less than or equal to the preset distance value, the method further comprising:

determining a specified geographic location; and

setting the preset time range and/or the preset distance value corresponding

5 to the specified geographic location, while setting the prompt information corresponding to the specified geographic location.

4. The method according to claim 1, wherein the preset distance value is the space radius around the specified geographic location.

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5. The method according to claim 1, wherein acquiring the current geographic location specifically comprising:

acquiring multiple location information corresponding to the current geographic location by using multiple positioning systems;

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acquiring the location information of the current geographic location by making weighted summation of the multiple location information according to the preset weights of each positioning system; and

determining the current geographic location according to the location information.

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6. The method according to claim 5, wherein the location information includes latitude and longitude information.

7. A system for outputting prompt information based on LBS, wherein the system comprising:

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a current time and location acquiring unit configured to acquire the current time and/or the current geographic location;

a determining unit configured to determine whether the current time falls within a preset time range, and/or whether a value of distance between the current geographic location and a preset specified geographic location is less than or equal to a preset distance value; and

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a prompt output unit configured to output a preset prompt information when the determining unit determines that the current time falls within the preset time

range, or the value of distance between the current geographic location and the preset specified geographic location is less than or equal to the preset distance value, or the current time falls within the preset time range and the value of distance between the current geographic location and the preset specified geographic location is less than or equal to the preset distance value, the prompt information includes service information related to the specified geographic location for providing services related to the specified geographic location.

8. The system according to claim 7, further comprising:

a trigger unit configured to trigger the current time and location acquiring unit when the current time is not within the preset time range, or the value of distance between the current geographic location and the preset specified geographic location is greater than the preset distance value, or the current time is not within the preset time range and the value of distance between the current geographic location and the preset specified geographic location is greater than the preset distance value.

9. The system according to claim 7, further comprising:

a specified geographic location acquiring unit configured to determine the specified geographic location; and

a setting unit configured to set the preset time range and/or the preset distance value corresponding to the specified geographic location, while set the prompt information corresponding to the specified geographic location.

10. The system according to claim 7, wherein the preset distance value is the space radius around the specified geographic location.

11. The system according to claim 7, wherein the current time and location acquiring unit comprising:

a time acquiring unit configured to acquire the current time;

a first location information acquiring unit configured to acquire multiple location information corresponding to the current geographic location by using multiple positioning systems;

a second location information acquiring unit configured to acquire the location information of the current geographic location by making weighted summation of the multiple location information according to the preset weights of each positioning system, and

5 a geographic location acquiring unit configured to determine the current geographic location according to the location information.

12. The system according to claim 11, wherein the location information includes latitude and longitude information.

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13. A storage medium which stores therein a set of processor-executable instructions which, when processed by the processor, cause the processor to execute the following steps:

acquiring current time and/or a current geographic location;

15 determining whether the current time falls within a preset time range, and/or whether a value of distance between the current geographic location and a preset specified geographic location is less than or equal to a preset distance value; and

outputting a preset prompt information when the current time falls within the preset time range, or when the value of distance between the current geographic location and the preset specified geographic location is less than or equal to the preset distance value, or when the current time falls within the preset time range and the value of distance between the current geographic location and the preset specified geographic location is less than or equal to the preset distance value, the prompt information includes service information related to the specified geographic location for providing services related to the specified geographic location.

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14. The storage medium according to claim 13, wherein the processor-executable instructions stored in the storage medium further cause the processor to execute the following steps:

30 not outputting the preset prompt information, and returning to the step of acquiring the current time and/or the current geographic location, when the current time is not within the preset time range, or when the value of distance between the current geographic location and the preset specified geographic location is greater

than a preset distance value, or when the current time is not within the preset time range and the value of distance between the current geographic location and the preset specified geographic location is greater than the preset distance value.

5 15. The storage medium according to claim 13, wherein before executing the step of determining whether the current time falls within the preset time range and/or whether the value of distance between the current geographic location and the preset specified geographic location is less than or equal to the preset distance value, the processor-executable instructions stored in the storage medium further cause the
10 processor to execute the following steps:

 determining a specified geographic location; and

 setting the preset time range and/or the preset distance value corresponding to the specified geographic location, and setting the prompt information corresponding to the specified geographic location.

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 16. The storage medium according to claim 13, wherein the preset distance value is the space radius around the specified geographic location.

 17. The storage medium according to claim 13, wherein the processor-executable instructions stored in the storage medium further cause the processor to
20 execute the following steps:

 acquiring multiple location information corresponding to the current geographic location by using multiple positioning systems;

 acquiring the location information of the current geographic location by making
25 weighted summation of the multiple location information according to the preset weights of each positioning system; and

 determining the current geographic location according to the location information.

30 18. The storage medium according to claim 17, wherein the location information includes latitude and longitude information.