CLAIMS

1. A method for call control, comprising:

obtaining (10) a priority of a caller of an incoming call request, in response to a mobile terminal receiving the incoming call request;

determining (12) whether a user of the mobile terminal is in a first state, when the priority of the caller is lower than a preset priority; and

rejecting (16) the incoming call request, based on a determination that the user is in the first state.

2. The method of claim 1, wherein the first state comprises a riding state, the determining whether a user is in a first state comprises:

inquiring a state of the user through a riding application;

determining that the user is in the riding state, when the riding application shows that the user is in the riding state;

measuring a speed of the mobile terminal via a motion sensor and determining whether the speed falls into a riding speed range, when the riding application shows that the user is not in the riding state; and

determining that the user is in the riding state, based on a determination that the speed of the mobile terminal falls into the riding speed range.

3. The method of claim 1, wherein the first state comprises a running state, the determining whether a user is in a first state comprises:

inquiring a state of the user through a pedometer application;

determining that the user is in the running state, when the pedometer application shows that the user is in the running state;

measuring a speed of the mobile terminal via a motion sensor and determining whether the speed falls into a running speed range, when the pedometer application shows that the user is not in the running state; and

determining that the user is in the running state, based on a determination that the speed of the mobile terminal falls into the running speed range.

4. The method of claim 1, wherein the first state comprises a climbing state, the determining whether a user is in a first state comprises:

inquiring a state of the user through a pedometer application;

determining that the user is in the first state, in response to the pedometer application showing that the user is in the first state;

measuring a speed and an altitude of the mobile terminal via a motion sensor, determining whether the speed falls into a speed range and whether the altitude of the mobile terminal is changing and is greater than a preset height, in response to the pedometer application showing that the user is not in the first state; and

determining that the user is in the first state, based on a determination that the speed of the mobile

terminal falls into the speed range.

5. The method of any of claims 1-4, further comprising:

determining whether the user is in a second state, based on a determination that the user is not in the first state; and

accepting the incoming call request, based on a determination that the user is not in the second state.

6. The method of any of claims 1-4, further comprising:

determining whether the user is in a second state, when the priority of the caller is higher than the preset priority; and

rejecting the incoming call request, based on a determination that the user is in the second state.

7. The method of claim 5 or 6, wherein the second state comprises a conference state, the determining whether the user is in a second state comprises:

capturing an environment of the user through a camera; and

determining that the user is in the conference state, when the camera shows that the user is in a conference place.

8. The method of claim 5 or 6, wherein the second state comprises a sleep state, the determining whether the user is in a second state comprises:

inquiring a state of the user through a sleep application;

determining that the user is in the sleep state, when the sleep application shows that the user is sleeping;

measuring physiological parameters of the user through a wearable device bound to the mobile terminal and determining whether each physiological parameter falls into a correspondingly preset physiological parameter range, when the sleep application shows that the user is not sleeping; and

determining that the user is in the sleep state, based on a determination that each physiological parameter of the user falls into the correspondingly preset physiological parameter range.

9. A mobile terminal (70), comprising:

a memory (74) configured to store programs; and

a processor (72) coupled with the memory and configured to invoke the programs to:

obtain a priority of a caller of an incoming call request in response to the mobile terminal receiving the incoming call request;

determine whether a user of the mobile terminal is in a first state when the priority of the caller is lower than a preset priority; and

reject the incoming call request based on a determination that the user is in the first state.

10. The mobile terminal of claim 9, wherein the mobile terminal further comprises an application controller, the processor is configured to inquire a state of the user via the application controller.

11. The mobile terminal of claim 10, wherein the first state comprises one of a running state and a riding state, the processor configured to determine whether the user is in the first state is configured to:

inquire a state of the user through the application controller;

determine that the user is in the first state, when the application controller shows that the user is in the first state;

measure a speed of the mobile terminal via a motion sensor and determine whether the speed falls into a speed range, when the application controller shows that the user is not in the first state; and

determine that the user is in the first state, based on a determination that the speed of the mobile terminal falls into the speed range.

12. The mobile terminal of claim 10, wherein the first state comprises a climbing state, and the processor configured to determine whether the user is in the first state is configured to:

inquire a state of the user through the application controller;

determine that the user is in the first state, when the application controller shows that the user is in the first state;

measure a speed and an altitude of the mobile terminal via a motion sensor, determine whether the speed falls into a speed range and whether the altitude of the mobile terminal is changing and is greater than a preset height, when the application controller shows that the user is not in the first state; and

determine that the user is in the first state, based on a determination that the speed of the mobile terminal falls into the speed range.

13. The mobile terminal of any of claims 9-12, wherein the processor is further configured to:

determine whether the user is in a second state, based on a determination that the user is not in the first state; and

accept the incoming call request, based on a determination that the user is not in the second state.

14. The mobile terminal of any of claims 9-12, wherein the processor is further configured to:

determine whether the user is in a second state, when the priority of the caller is higher than the preset priority; and

reject the incoming call request, based on a determination that the user is in the second state.

15. The mobile terminal of claim 13 or 14, wherein the processor is further configured to:

determine whether the user is in a second state, based on a determination that the user is not in the first state; and

accept the incoming call request, based on a determination that the user is not in the second state.