CLAIMS

1. A method for call control, comprising:

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

when the priority of the incoming call request is lower than a preset priority, the method further comprises:

determining whether a user of the mobile terminal is in a first state, wherein the first state is an outdoor activity state;

rejecting the incoming call request, based on a determination that the user is in the first state;

based on a determination that the user is not in the first state, determining whether the user is in a second state, wherein the second state is a non-disturb state;

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

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

when the priority of the incoming call request is higher than the preset priority, the method further comprises:

determining whether the user is in the second state;

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

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

2. The method of claim 1, wherein the first state is 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 is 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 is 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 claim 1, wherein the second state is 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.

6. The method of claim 1, wherein the second state is 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.

7. A mobile terminal, comprising:

a memory configured to store programs; and

a processor 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 from the caller the incoming call request;

when the priority of the incoming call request is lower than a preset priority, the processor is configured to invoke the programs to:

determine whether a user of the mobile terminal is in a first state, wherein the first state is an outdoor activity state;

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

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

based on a determination that the user is in the second state, reject the incoming call request, wherein the second state is a non-disturb state; and

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

when the priority of the incoming call request is higher than the preset priority, the processor is configured to invoke the programs to:

determine whether the user is in the second state;

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

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

8. The mobile terminal of claim 7, wherein the mobile terminal further comprises an application controller, the processor is configured to inquire a state of the user via the application controller.

9. The mobile terminal of claim 8, wherein the first state is a running state or 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.

10. The mobile terminal of claim 8, wherein the first state is 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.