

CLAIMS

1. A mobile terminal (100), comprising:
a processor (110); and
5 an artificial intelligence AI module (120);
the processor being coupled with the AI module, wherein
the processor is configured to detect whether a current user is a registered user when detecting that an application running on the mobile terminal belongs to a preset application set;
the processor is further configured to send a monitoring instruction carrying an identification of the
10 application running on the mobile terminal to the AI module when detecting that the current user is the registered user;
the AI module is configured to acquire, in response to the monitoring instruction, a monitoring strategy of the application running on the mobile terminal which is associated with the registered user; the monitoring strategy comprising a monitoring parameter and a corresponding monitoring parameter threshold; and
15 the AI module is further configured to close the application running on the mobile terminal when detecting that a value of the monitoring parameter of the application running on the mobile terminal is greater than or equal to the monitoring parameter threshold.
2. The mobile terminal of claim 1, wherein the mobile terminal further comprises a memory (140), the processor configured to detect whether the current user is the registered user is configured to:
20 obtain biological data of the current user;
detect whether the biological data matches a biological template in the memory;
determine that the current user is the registered user when detecting that the biological data matches the biological template; or
determine that the current user is not the registered user when detecting that the biological data does not
25 match the biological template.
3. The mobile terminal of claim 1 or 2, wherein the biological data comprises at least one data selected from a group consisting of fingerprint data, facial data, and iris data.
4. The mobile terminal of claim 3, wherein the mobile terminal further comprises a fingerprint sensor coupled with the processor and configured to acquire the fingerprint data.
- 30 5. The mobile terminal of claim 3, the mobile terminal further comprises a camera device coupled with the processor and configured to acquire the facial data and/or the iris data.
6. The mobile terminal of any of claims 1-5, wherein the AI module is further configured to disable, in a preset period, applications belonging to the preset application set and being of the same type as the application running on the mobile terminal, after the AI module closes the application running on the mobile terminal; a
35 duration of the preset period being equal to a disable duration comprised in the monitoring strategy.
7. The mobile terminal of any of claims 1-6, wherein the mobile terminal further comprises a camera device, the AI module is further configured to:

obtain a distance between an upper eyelid and a lower eyelid of the current user via the camera device when detecting that the value of the monitoring parameter of the application running on the mobile terminal is less than the monitoring parameter threshold; and

5 close the application running on the mobile terminal or output a message for prompting the user to rest, when detecting that the distance between the upper eyelid and the lower eyelid of the current user is less than a distance threshold.

8. The mobile terminal of any of claims 1-7, wherein the processor is an application processor, the application processor and the AI module are configured in a general-purpose processor, and the AI module is integrated into or separated from the application processor.

10 9. An application control method, wherein the method is applied to a mobile terminal comprising a processor and an artificial intelligence AI module, the method comprising:

detecting (S201), by the processor, whether a current user is a registered user when detecting that an application running on the mobile terminal belongs to a preset application set;

15 sending (S202), by the processor, a monitoring instruction carrying an identification of the application running on the mobile terminal to the AI module when detecting that the current user is the registered user;

acquiring (S203), by the AI module, a monitoring strategy of the application running on the mobile terminal which is associated with the registered user; the monitoring strategy comprising a monitoring parameter and a corresponding monitoring parameter threshold; and

20 closing (S204), by the AI module, the application running on the mobile terminal when detecting that a value of the monitoring parameter of the application running on the mobile terminal is greater than or equal to the monitoring parameter threshold.

10. The method of claim 9, wherein the mobile terminal further comprises a memory, the detecting by the processor whether a current user is a registered user comprises:

25 obtaining, by the processor, biological data of the current user;

detecting, by the processor, whether the biological data matches a biological template in the memory;

determining that the current user is the registered user when detecting that the biological data matches the biological template; or

determining that the current user is not the registered user when detecting that the biological data does not match the biological template of the mobile terminal.

30 11. The method of claim 9 or 10, wherein the biological data comprises at least one data selected from a group consisting of fingerprint data, facial data, and iris data.

12. The method of claim 11, wherein the obtaining, by the processor, biological data of the current user comprises at least one of:

35 obtaining the fingerprint data by the processor via a fingerprint sensor; and

obtaining the facial data and the iris data by the processor via a camera device.

13. The method of any of claims 9-11, wherein the acquiring, by the AI module, a monitoring strategy comprises:

receiving, by the AI module, the monitoring instruction from the processor;
in response to the monitoring instruction, obtaining the identification of the application running on the mobile terminal; and

acquiring the monitoring strategy according to the identification.

- 5 14. The method of any of claims 9-13, wherein the method further comprises the following after the closing the application running on the mobile terminal by the AI module:

disabling, by the AI module, in a preset period, applications belonging to the preset application set and being of the same type as the application running on the mobile terminal; a duration of the preset period being equal to a disable duration comprised in the monitoring strategy.

- 10 15. The method of any of claims 9-14, wherein the mobile terminal further comprises a camera device, the method further comprises:

obtaining, by the AI module, a distance between an upper eyelid and a lower eyelid of the current user via the camera device when detecting that the value of the monitoring parameter of the application running on the mobile terminal is less than the monitoring parameter threshold; and

- 15 outputting, by the AI module, a message for prompting the user to rest or closing the application running on the mobile terminal, when detecting that the distance between the upper eyelid and the lower eyelid of the current user is less than a distance threshold.