CLAIMS

1. A method implemented by a computing device, the method comprising:

selecting an unlocking password applicable to an unlocking interface from a plurality of passwords in response to the unlocking interface being triggered;

performing a corresponding prompt operation based on prompt information that corresponds to the unlocking password, different prompt operations being used for distinguishing different passwords of the plurality of passwords and comprising displaying different patterns of shapes or different colors of characters for the different passwords of the plurality of passwords; and

unlocking a locked state of the unlocking interface in response to receiving a user input password that matches the unlocking password, wherein the plurality of passwords are sequentially selected to be a valid password according to a preset order.

2. The method of claim 1, wherein selecting the unlocking password comprises:

determining a historical password that is most recently applied to the unlocking interface; and

selecting the unlocking password from remaining passwords of the plurality of passwords.

~~3. The method of claim 2, wherein selecting the unlocking password from the remaining passwords in the plurality of passwords comprises using a particular password that is adjacent to the historical password as the unlocking password based at least in part on the historical password and a preset order of the plurality of passwords.~~

~~4~~3. The method of claim 2, wherein determining the historical password comprises selecting a particular password having an invalid identifier as the historical password from the plurality of passwords.

~~5~~4. The method of claim ~~4~~3, further comprising removing the invalid identifier for the historical password and adding the invalid identifier for the unlocking password in response to receiving the user input password that matches the unlocking password.

~~6~~5. The method of claim 1, further comprising:

determining the prompt information corresponding to the unlocking password.

~~7. The method of claim 1, wherein the prompt information comprises at least one of visual identifying information, a multimedia file, or vibration control information.~~

~~9~~6. An apparatus implemented by a device comprising one or more processors and memory, the apparatus comprising:

a selection unit stored in the memory and executable by the one or more processors to select an unlocking password applicable to an unlocking interface from a plurality of passwords when the unlocking interface is triggered;

a prompt unit stored in the memory and executable by the one or more processors to perform a corresponding prompt operation based on prompt information that corresponds to the unlocking password, different prompt operations being used for distinguishing different passwords of the plurality of passwords and comprising displaying different patterns of shapes or different colors of characters for the different passwords of the plurality of passwords; and

an unlocking unit stored in the memory and executable by the one or more processors to release a locked state of the unlocking interface when a user input password matching the unlocking password is received, wherein the plurality of passwords are selected to be a valid password in a round-robin manner.

~~10~~7. The apparatus of claim ~~9~~6, wherein the selection unit further determines a historical password that is most recently applied to the unlocking interface, and selects the unlocking password from remaining passwords in the plurality of passwords.

~~11~~8. The apparatus of claim ~~10~~7, wherein the selection unit further selects a particular password having an invalid identifier as the historical password from the plurality of passwords.

~~12~~9. The apparatus of claim ~~11~~8, further comprising an identifier processing unit to remove the invalid identifier for the historical password and add the invalid identifier for the unlocking password when the user input password matching the unlocking password is received.

~~13. The apparatus of claim 9, wherein the selection unit further uses a particular password that is adjacent to the historical password as the unlocking password based at least in part on the historical password and a preset order of the plurality of passwords.~~

~~14~~10. The apparatus of claim ~~9~~6, wherein the prompt unit to determine the prompt information corresponding to the unlocking password.

~~16~~11. One or more computer-readable media storing executable instructions that, when executed by one or more processors, cause the one or more processors to perform acts comprising:

selecting an unlocking password applicable to an unlocking interface from a plurality of passwords in response to the unlocking interface being triggered;

performing a corresponding prompt operation based on prompt information that corresponds to the unlocking password, different prompt operations being used for distinguishing different passwords of the plurality of passwords and comprising displaying different patterns of shapes or different colors of characters for the different passwords of the plurality of passwords; and

unlocking a locked state of the unlocking interface in response to receiving a user input password that matches the unlocking password, wherein the plurality of passwords are sequentially selected to be a valid password according to a preset order.

~~17~~12. The one or more computer-readable media of claim ~~16~~11, wherein selecting the unlocking password comprises:

determining a historical password that is most recently applied to the unlocking interface; and

selecting the unlocking password from remaining passwords of the plurality of passwords.

~~18~~13. The one or more computer-readable media of claim ~~17~~12, wherein determining the historical password comprises selecting a particular password having an invalid identifier as the historical password from the plurality of passwords.

~~19~~14. The one or more computer-readable media of claim ~~18~~13, the acts further comprising removing the invalid identifier for the historical password and adding the invalid identifier for the unlocking password in response to receiving the user input password that matches the unlocking password.

~~8~~15. The method of claim 1, wherein the different prompt operations further comprise: displaying a pattern corresponding to a password according to the visual displaying information, playing the multimedia file to mark a password corresponding to the multimedia file, and implementing a vibration effect to identify a password corresponding to the vibration control information.

~~15~~16. The apparatus of claim ~~9~~6, wherein the different prompt operations further comprise:

displaying a pattern corresponding to a password according to the visual displaying information, playing the multimedia file to mark a password corresponding to the multimedia file, and implementing a vibration effect to identify a password corresponding to the vibration control information.

~~20~~17. The one or more computer-readable media of claim ~~16~~11, wherein the different prompt operations further comprise: displaying a pattern corresponding to a password according to the visual displaying information, playing the multimedia file to mark a password corresponding to the multimedia file, and implementing a vibration effect to identify a password corresponding to the vibration control information.