Claims

[Claim 1] A method of a terminal device displaying an application, the method comprising:
displaying a first application on a full-sized window;
displaying a second application on a sub-window overlapping the full-sized window;
based on a first gesture being detected on the sub-window for displaying a plurality of sub-windows, displaying the plurality of sub-windows on the full-sized window in a stack in which sub-windows of the plurality of sub-windows overlap each other, the sub-windows displaying applications, respectively, that are being executed by the terminal device;
based on a second gesture being detected for changing a foremost sub-window in the stack of the plurality of sub-windows to a next sub-window, displaying the next sub-window as the foremost sub-window in the stack; and
based on a third gesture being detected for selecting one application from among the applications displayed in the plurality of sub-windows, displaying the one application on the full-sized window instead of the first application.~~displaying an execution screen of a first application on a first area when the first application is executed;~~
~~displaying the execution screen of the first application on a second area instead of on the first area when a second application is executed while the first application is executed; and~~
~~displaying an execution screen of a second application on the first area.~~

[Claim 2] The method of claim 1, further comprising, while displaying the one application on the full-sized window, displaying the first application as the foremost sub-window in the stack of the plurality of sub-windows.~~:~~
~~detecting a user gesture in the second area;~~
~~displaying the execution screen of the first application on the first area instead of the second area in response to the detected user gesture; and~~
~~displaying an execution screen of any one of applications being executed in a terminal device on the second area.~~

[Claim 3] The method of claim 1,
wherein the full-sized window is displayed on substantially an entire area of a display of the terminal device,
wherein the second application is displayed on the sub-window, the sub-window being a window which is decreased in size from a size of the

full-sized window while maintaining a certain proportion and which overlaps the full-sized window, and
wherein the sub-window is displayed on a portion of the entire area of the display of the terminal device. ~~further comprising displaying the second area in a hide mode.~~

[Claim 4] The method of claim ~~3~~1, wherein the plurality of sub-windows overlap each other and are displayed according to an order in which each application is executed by the terminal device or an order in which each application is requested to be displayed.~~the displaying of the second area in the hide mode comprises:~~
~~displaying at least one of alternative images indicating the second area, a transparent portion of the second area and some portion of the second area instead of displaying the second area; and~~
~~displaying the second area in the hide mode when no user gesture is input for requesting hiding of the sub-window or no user gesture is input with regard to the second area.~~

[Claim 5] A terminal device for displaying an application, the terminal device comprising:
a display;
a memory storing one or more instructions; and
at least one processor configured to execute the one or more instructions to:
control the display to display a first application on a full-sized window,
control the display to display a second application on a sub-window overlapping the full-sized window,
based on a first gesture being detected on the sub-window for displaying a plurality of sub-windows, control the display to display the plurality of sub-windows on the full-sized window in a stack in which sub-windows of the plurality of sub-windows overlap each other, the sub-windows displaying applications, respectively, that are being executed by the terminal device,
based on a second gesture being detected for changing a foremost sub-window in the stack of the plurality of sub-windows to a next sub-window, control the display to display the next sub-window as the foremost sub-window in the stack, and
based on a third gesture being detected for selecting one application from among the applications displayed in the plurality of sub-windows, control the display to display the one application on the full-sized window instead of the first application. ~~The method of claim 3, wherein~~

~~the displaying of the second area in the hide mode comprises:~~
~~detecting a user gesture requesting release of an automatic hide mode that is set for the second area;~~
~~releasing the automatic hide mode that is set for the second area in response to the detected user gesture; and~~
~~when no input regarding the second area is detected for a predetermined amount of time, displaying the second area in the hide mode according to whether the automatic hide mode is set for the second area.~~

[Claim 6] The ~~method~~terminal device of claim ~~1~~5, wherein the at least one processor is further configured to execute the one or more instructions to, while displaying the one application on the full-sized window, control the display to display the first application as the foremost sub-window in the stack of the plurality of sub-windows. ~~the first area is an entire area of a display screen of a terminal device,~~
~~an execution screen of an application, which is decreased in size while maintaining a certain proportion and which overlaps with the first area, is displayed on the second area, and~~
~~the second area is a portion of the entire area of the display screen of the terminal device.~~

[Claim 7] The ~~method~~terminal device of claim ~~1~~5,
wherein the full-sized window is displayed on substantially an entire area of the display of the terminal device,
wherein the second application is displayed on the sub-window, the sub-window being a window which is decreased in size from a size of the full-sized window while maintaining a certain proportion and which overlaps the full-sized window, and
wherein the sub-window is displayed on a portion of the entire area of the display of the terminal device. ~~further comprising:~~
~~detecting a user gesture with regard to the second area; and~~
~~changing a size of the second area and displaying the second area according to the changed size in response to the gesture.~~

[Claim 8] The ~~method~~ terminal device of claim ~~1~~5, wherein the plurality of sub-windows overlap each other and are displayed according to an order in which each application is executed by the terminal device or an order in which each application is requested to be displayed. ~~further comprising:~~
~~detecting a user gesture with regard to the second area; and~~
~~moving the second area in response to the gesture.~~

[Claim 9] A non-transitory computer-readable recording medium having recorded

thereon a program which, when executed by a computer, performs the ~~The~~ method of claim 1~~, further comprising:~~

~~detecting a user gesture for displaying a list; and~~

~~displaying an execution screen of at least one application being executed in a terminal device on the second area in a sub-window displaying manner in response to the gesture,~~

~~wherein the sub-window displaying manner is in one of a stack mode and a list mode~~.

~~[Claim 10]~~ ~~The method of claim 9, wherein the displaying of the execution screen of the at least one application on the second area in the sub-window displaying manner comprises:~~

~~selecting one of applications displayed on the second area; and~~

~~displaying the selected application on the first area.~~

~~[Claim 11]~~ ~~The method of claim 9, wherein the displaying of the execution screen of the at least one application on the second area in the sub-window displaying manner comprises:~~

~~displaying a plurality of execution screens of applications from among applications being executed in the terminal device, wherein the plurality of execution screens overlap one another and are displayed in a predetermined order;~~

~~detecting a user gesture for changing an item; and~~

~~displaying an execution screen of a next application in response to the user gesture for changing the item.~~

~~[Claim 12]~~ ~~The method of claim 9, wherein the second area comprises sub-window list groups comprising at least one sub-window displaying an execution screen of an application being executed in the terminal device, and~~

~~wherein the method of displaying the application further comprises:~~

~~detecting a user gesture with regard to the sub-window list groups;~~

~~determining whether an area where the user gesture is detected is set as an area where the sub-window list groups are to be moved; and~~

~~moving the sub-window list groups according to a result of the determination.~~

~~[Claim 13]~~ ~~The method of claim 1, further comprising:~~

~~receiving an input for requesting termination of an application;~~

~~terminating display of the application on the first area in response to the received input; and~~

~~displaying an application, which was displayed on the second area, on the first area.~~

~~[Claim 14]~~ ~~The method of claim 1, wherein a user gesture detected in the second~~

area is processed as a gesture for controlling the display of the execution screen of the second application on the second area.

[Claim 15] The method of claim 1, further comprising:
detecting a user gesture for changing a sub-window orientation; and
changing an orientation of an execution screen of an application displayed on the second area and displaying the execution screen having the changed orientation in response to the detected user gesture for changing the sub-window orientation.

[Claim 16] A terminal device comprising:
a controller that controls a display to display an execution screen of a first application on a first area when the first application is executed, to display the execution screen of the first application on a second area instead of on the first area when a second application is executed while the first application is executed, and to display an execution screen of the second application on the first area; and
the display that displays the execution screens of the first and second applications on either the first area or the second area according to control of the controller.

[Claim 17] The terminal device of claim 16, further comprising a sensor that detects a user gesture in the second area,
wherein the controller controls the display to display an execution screen of an application, which was displayed on the second area, on the first area and display an execution screen of any one of applications being executed in the terminal device on the second area.

[Claim 18] The terminal device of claim 16, wherein the terminal device further comprises a sensor that detects a user gesture of requesting for hiding sub-windows or detects whether an input with regard to the second area is generated for a predetermined amount of time, and
the controller controls the display to display at least one of alternative images indicating the second area, transparent portions of the second area and some portion of the second area instead of displaying the second area.

[Claim 19] The terminal device of claim 16, wherein the terminal device further comprises a sensor that detects a user gesture for displaying a list,
the controller controls the display to display, in a sub-window displaying manner, an execution screen of at least one application being executed in the terminal device in response to the detected user gesture, and
the sub-window displaying manner is in one of a stack mode or a list

~~mode.~~

~~[Claim 20]~~ ~~A non-transitory computer-readable recording medium having recorded thereon a program, which when executed by a computer, performs the method of claim 1.~~