CLAIMS

1. A system, comprising:

one or more processors configured to:

obtain a number of invalid user tap operations with respect to a screen of a device, wherein an invalid user tap operation comprises a user tap operation with respect to an embedded point located in a periphery of an application icon displayed at the screen

receive an indication that the number of invalid user tap operations exceeds a preset number;

in response to the indication:

present a settings prompt panel; and

obtain a set of tilt angle parameters from a gravity sensor associated with the device;

determine a tilt angle and a tilt direction based at least in part on the set of tilt angle parameters; and

adjust a display area of a plurality of application icons at the screen based at least in part on the tilt angle, the tilt direction, or both; and

one or more memories coupled to the one or more processors configured to provide the one or more processors with instructions.

2. The system of Claim 1, wherein the one or more processors are further configured to:

determine that the device is tilted to the left or right for a first time; and

in response to the determination that the device is tilted to the left or right for the first time, present the settings prompt panel.

3. The system of Claim 1, wherein the one or more processors are further configured to:

receive a user selection of a preconfigured option to adjust the display area of the plurality of application icons; and

in response to the receipt of the user selection of the preconfigured option, present the settings prompt panel.

4. The system of Claim 1, wherein to adjust the display area of the plurality of application icons comprises to:

determine a movement distance associated with at least one of the plurality of application icons based at least in part on the tilt angle and a predetermined conversion ratio; and

apply at least a portion of the movement distance to the at least one of the plurality of application icons based at least in part on the tilt direction.

5. The system of Claim 1, wherein to adjust the display area of the plurality of application icons comprises to:

determine a movement distance associated with at least one of the plurality of application icons based at least in part on the tilt angle and a predetermined movement distance corresponding to the tilt angle; and

apply at least a portion of the movement distance to the at least one of the plurality of application icons based at least in part on the tilt direction.

6. The system of Claim 1, wherein to adjust the display area of the plurality of application icons comprises to:

determine a movement distance associated with at least one of the plurality of application icons based at least in part on a predetermined distance; and

apply at least a portion of the movement distance to the at least one of the plurality of application icons based at least in part on the tilt direction.

7. The system of Claim 1, wherein the one or more processors are further configured to:

receive a user input confirmation command associated with storing the adjusted display area of the plurality of application icons; and

in response to the user input confirmation command, store the adjusted display area of the plurality of application icons.

8. The system of Claim 7, wherein the user input confirmation command comprises one or more of the following: a predetermined confirmation hand gesture, a user selection of a presented button, or a user input motion.

9. The system of Claim 1, wherein the one or more processors are further configured to:

receive a user input restore command associated with restoring the adjusted display area of the plurality of application icons to an original display of the plurality of application icons; and

in response to the user input restore command, restore the adjusted display area of the plurality of application icons.

10. The system of Claim 9, wherein the user input restore command comprises one or more of the following: a predetermined confirmation hand gesture, a user selection of a presented button, or a user input motion.

11. A method, comprising:

obtaining a number of invalid user tap operations with respect to a screen of a device, wherein an invalid user tap operation comprises a user tap operation with respect to an embedded point located in a periphery of an application icon displayed at the screen;

receiving an indication that the number of invalid user tap operations exceeds a preset number;

in response to the indication:

presenting a settings prompt panel; and

obtaining, using one or more processors, a set of tilt angle parameters from a gravity sensor associated with the device;

determining a tilt angle and a tilt direction based at least in part on the set of tilt angle parameters; and

adjusting a display area of a plurality of application icons at the screen based at least in part on the tilt angle, the tilt direction, or both.

12. The method of Claim 11, further comprising:

determining that the device is tilted to the left or right for a first time; and

in response to the determination that the device is tilted to the left or right for the first time, presenting the settings prompt panel.

13. The method of Claim 11, further comprising:

receiving a user selection of a preconfigured option to adjust the display area of the plurality of application icons; and

in response to the receipt of the user selection of the preconfigured option, presenting the settings prompt panel.

14. The method of Claim 11, wherein adjusting the display area of the plurality of application icons comprises:

determining a movement distance associated with at least one of the plurality of application icons based at least in part on the tilt angle and a predetermined conversion ratio; and

applying at least a portion of the movement distance to the at least one of the plurality of application icons based at least in part on the tilt direction.

15. The method of Claim 11, wherein adjusting the display area of the plurality of application icons comprises:

determining a movement distance associated with at least one of the plurality of application icons based at least in part on the tilt angle and a predetermined movement distance corresponding to the tilt angle; and

applying at least a portion of the movement distance to the at least one of the plurality of application icons based at least in part on the tilt direction.

16. A computer program product, the computer program product being embodied in a non-transitory computer readable storage medium and comprising computer instructions for:

obtaining a number of invalid user tap operations with respect to a screen of a device, wherein an invalid user tap operation comprises a user tap operation with respect to an embedded point located in a periphery of an application icon displayed at the screen;

receiving an indication that the number of invalid user tap operations exceeds a preset number;

in response to the indication:

presenting a settings prompt panel; and

obtaining a set of tilt angle parameters from a gravity sensor associated with the device;

determining a tilt angle and a tilt direction based at least in part on the set of tilt angle parameters; and

adjusting a display area of a plurality of application icons at the screen based at least in part on the tilt angle, the tilt direction, or both.