CLAIMS

What is claimed is:

1. A method for displaying information in a virtual scene, performed by an electronic device, the method comprising:

displaying scene auxiliary information of the virtual scene, and displaying an operation control of the virtual scene, the operation control being configured to control an action of a virtual object in the virtual scene;

adjusting, in response to initiation of an adjustment operation of a field of view, content in the field of view of the virtual object in the virtual scene, and adjusting visibility of the scene auxiliary information in a process of adjusting the content, adjusted visibility of the scene auxiliary information being lower than visibility of the operation control; and

restoring the visibility of the scene auxiliary information when the adjustment operation of the field of view ends,

wherein the adjustment operation of the field of view includes at least one of a slide operation performed on an interface of the virtual scene, and a turning operation on the virtual object triggered based on a turning control for controlling an orientation of the virtual object.

2. The method according to claim 1, further comprising:

receiving a swipe operation performed on an interface of the virtual scene, the swipe operation being configured to adjust the content in the field of view of the virtual object by swiping content of the virtual scene displayed on the interface; and

determining the swipe operation as the adjustment operation of the field of view.

3. The method according to claim 1, further comprising:

displaying a turning control configured to control an orientation of the virtual object; and

receiving a turning operation for the virtual object triggered based on the turning control, and determining the turning operation as the adjustment operation of the field of view.

4. The method according to claim 1, wherein the displaying scene auxiliary information of the virtual scene, and displaying an operation control of the virtual scene comprises:

displaying the scene auxiliary information of the virtual scene through a first displaying layer of a view layer, and displaying the operation control of the virtual scene through a second displaying layer that is independent of the first displaying layer,

the scene auxiliary information comprising at least one of the following:

prompt information configured for prompting an event or a status in the virtual scene, and entrance information of an auxiliary function of the virtual scene.

5. The method according to claim 1, wherein the displaying an operation control of the virtual scene comprises:

displaying the operation control of the virtual scene at preset transparency; and

the adjusting visibility of the scene auxiliary information comprises:

adjusting transparency of the scene auxiliary information to target transparency higher than the preset transparency.

6. The method according to claim 1, wherein the scene auxiliary information comprises auxiliary information of a prompt type and auxiliary information of a non-prompt type;

the displaying scene auxiliary information of the virtual scene comprises:

displaying the auxiliary information of the prompt type and the auxiliary information of the non-prompt type; and

the restoring the visibility of the scene auxiliary information comprises:

restoring visibility of the auxiliary information of the non-prompt type.

7. The method according to claim 1, wherein the scene auxiliary information comprises a plurality of pieces of auxiliary information, and the adjusting visibility of the scene auxiliary information comprises:

obtaining scene data of the virtual scene and interaction data of the virtual object;

invoking a first neural network model based on the scene data and the interaction data, to predict to-be-adjusted auxiliary information of the plurality of pieces of auxiliary information, to obtain a prediction result; and

adjusting visibility of auxiliary information indicated by the prediction result.

8. The method according to claim 1, wherein the scene auxiliary information comprises a plurality of pieces of auxiliary information, and the adjusting visibility of the scene auxiliary information comprises:

determining a similar historical virtual scene of the virtual scene for the virtual object, a similarity between the similar historical virtual scene and the virtual scene being greater than a similarity threshold;

obtaining usage data for the scene auxiliary information in a process of adjusting content in the similar historical virtual scene; and

determining to-be-adjusted target auxiliary information from the plurality of pieces of auxiliary information based on the usage data, and adjusting visibility of the target auxiliary information.

9. The method according to claim 1, wherein there are a plurality of operation controls, and after the adjusting visibility of the scene auxiliary information, the method further comprises:

obtaining interaction data of the virtual object and scene data of the virtual scene;

invoking a second neural network model based on the interaction data and the scene data, to predict a to-be-used operation control of the plurality of operation controls, to obtain a prediction result; and

when the prediction result indicates that the to-be-used operation control is a first operation control, adjusting visibility of a second operation control, adjusted visibility of the second operation control being lower than visibility of the first operation control, and

the second operation control being an operation control other than the first operation control of the plurality of operation controls.

10. The method according to claim 1, wherein there are a plurality of operation controls, and after the adjusting visibility of the scene auxiliary information, the method further comprises:

determining a similar historical virtual scene of the virtual scene for the virtual object, a similarity between the similar historical virtual scene and the virtual scene being greater than a similarity threshold;

determining a first operation control whose usage frequency is lower than a frequency threshold in a process of adjusting the content in the similar historical virtual scene; and

adjusting visibility of the first operation control, adjusted visibility of the first operation control being lower than visibility of a second operation control, and

the second operation control being an operation control other than the first operation control of the plurality of operation controls.

11. The method according to claim 1, further comprising:

displaying information intelligent display switch of the virtual scene;

in response to an on instruction for the information intelligent display switch, controlling an information display mode of the virtual scene to be an information intelligent display mode; and

the adjusting visibility of the scene auxiliary information in a process of adjusting the content comprising:

when the information display mode of the virtual scene is the information intelligent display mode, adjusting the visibility of the scene auxiliary information in the process of adjusting the content.

12. The method according to claim 1, wherein after the adjusting visibility of the scene auxiliary information, the method further comprises:

displaying a display function option for the scene auxiliary information; and

when receiving a trigger operation for the display function option, restoring the visibility of the scene auxiliary information.

13. The method according to claim 1, wherein the scene auxiliary information comprises a plurality of pieces of auxiliary information, and method further comprises:

displaying a selection control of each auxiliary information;

in response to a selection operation for target auxiliary information triggered based on the selection control, determining the target auxiliary information as the scene auxiliary information displayed in the process of adjusting the content; and

the adjusting visibility of the scene auxiliary information comprises:

adjusting visibility of auxiliary information other than the target auxiliary information of the plurality of pieces of auxiliary information.

14. The method according to claim 1, wherein

the scene auxiliary information has a display state and a hidden state, the display state is configured to indicate to display the scene auxiliary information, and the hidden state is configured to indicate to hide the scene auxiliary information;

the displaying scene auxiliary information of the virtual scene comprises:

controlling the scene auxiliary information of the virtual scene to be in the display state; and

the adjusting visibility of the scene auxiliary information comprises:

controlling the scene auxiliary information of the virtual scene to be adjusted from the display state to the hidden state.

15. An apparatus for displaying information in a virtual scene, comprising:

a first display module, configured to: display scene auxiliary information of the virtual scene, and display an operation control of the virtual scene, the operation control being configured to control an action of a virtual object in the virtual scene;

a second display module, configured to: adjust, in response to initiation of an adjustment operation of a field of view, content in the field of view of the virtual object in the virtual scene; and adjust visibility of the scene auxiliary information in a process of adjusting the content, adjusted visibility of the scene auxiliary information being lower than visibility of the operation control; and

a third display module, configured to restore the visibility of the scene auxiliary information when the adjustment operation of the field of view ends,

wherein the adjustment operation of the field of view includes at least one of a slide operation performed on an interface of the virtual scene, and a turning operation on the virtual object triggered based on a turning control for controlling an orientation of the virtual object.

16. An electronic device, the electronic device comprising:

a memory, configured to store computer-executable instructions; and

a processor, configured to implement the method for displaying the information in the virtual scene according to any one of claims 1 to 14 when executing the computer-executable instructions stored in the memory.

17. A computer-readable storage medium having stored thereon computer-executable instructions that when executed by the processor, implement the method for displaying the information in the virtual scene according to any one of claims 1 to 14.

18. A computer program product, comprising computer-executable instructions or a computer program that when executed by a processor, implement or implements the method for displaying the information in the virtual scene according to any one of claims 1 to 14.