CLAIMS

What is claimed is:

1. A method for displaying a virtual pet, performed by a terminal having an application program provided with a virtual pet, and at least one pet image of the virtual pet being generated based on a genetic inheritance rule, the method comprising:

determining a to-be-displayed target virtual pet in the application program;

obtaining first information of the target virtual pet from a server, the first information being information that is stored on a blockchain system and that corresponds to the target virtual pet; and

displaying a first display interface of the target virtual pet, the first display interface comprising the first information associated with the target virtual pet;

wherein the at least one pet image of the virtual pet comprises a pet image of a descendant virtual pet other than 0th-generation virtual pets, which is generated according to the genetic inheritance rule based on pet images of parental virtual pets and/or other ancestral virtual pets; pet images of the 0th-generation virtual pets are generated randomly;

wherein pet information of each virtual pet is stored on the blockchain system, and is stored and authenticated through a consensus mechanism for a plurality of nodes on the blockchain system; the pet information at least includes: a unique gene sequence of the virtual pet.

2. The method according to claim 1, wherein the obtaining first information of the target virtual pet from a server comprises:

transmitting a first obtaining request to the server, the first obtaining request comprising a pet identifier of the target virtual pet on the blockchain system; and

receiving the first information fed back by the server, the first information being obtained by the server from the blockchain system according to the pet identifier, wherein

the first information comprises at least one of the following information: a three-dimensional character image of the target virtual pet, generation information of the target virtual pet, a name of the target virtual pet, an identifier of the target virtual pet, image characteristic information of the target virtual pet, and a breeding recovery time of the target virtual pet.

3. The method according to claim 2, wherein the first information further comprises information about parental virtual pets of the target virtual pet;

the displaying a first display interface of the target virtual pet comprises:

receiving a first slide signal on the first display interface;

sliding displayed content on the first display interface to a first direction according to the first slide signal; and

displaying, in a case of sliding to a first location on the first display interface, the information about the parental virtual pets in displayed content corresponding to the first location.

4. The method according to claim 3, wherein the displaying the information about the parental virtual pets in displayed content corresponding to the first location comprises:

displaying a paternal character field and a maternal character field on the first location, wherein a paternal virtual pet corresponding to the target virtual pet is displayed on the paternal character field, and a maternal virtual pet corresponding to the target virtual pet is displayed on the maternal character field.

5. The method according to claim 2, wherein the first display interface is further used for displaying information about a filial virtual pet of the target virtual pet; and

the method further comprises:

receiving a second slide signal on the first display interface;

sliding displayed content on the first display interface to a first direction according to the second slide signal;

obtaining second information of the target virtual pet from the server in a case of sliding to a second location on the first display interface, wherein the second information is information that is stored on the blockchain system and that is about the filial virtual pet corresponding to the target virtual pet; and

displaying the information about the filial virtual pet in displayed content corresponding to the second location.

6. The method according to claim 5, wherein the displaying the information about the filial virtual pet in displayed content corresponding to the second location comprises:

displaying at least one filial character field in the displayed content corresponding to the second location, wherein the filial virtual pet corresponding to the target virtual pet is displayed on each filial character field.

7. The method according to claim 5, wherein the obtaining second information of the target virtual pet from the server in a case of sliding to a second location on the first display interface comprises:

transmitting a second obtaining request to the server in the case of sliding to the second location on the first display interface, the second obtaining request comprising a pet identifier of the target virtual pet on the blockchain system; and

receiving the second information fed back by the server, the second information being obtained by the server from the blockchain system according to the pet identifier.

8. The method according to claim 2, wherein the first display interface is further used for displaying genealogy information of the target virtual pet; and

the method further comprises:

receiving a third slide signal on the first display interface;

sliding displayed content on the first display interface to a first direction according to the third slide signal;

obtaining third information of the target virtual pet from the server in a case of sliding to a third location on the first display interface, wherein the third information is genealogy information that is stored on the blockchain system and that corresponds to the target virtual pet; and

displaying the genealogy information of the target virtual pet in displayed content corresponding to the third location.

9. The method according to any one of claims 2 to 8, wherein the determining a to-be-displayed target virtual pet in the application program comprises:

obtaining pet information of m virtual pets from the server, wherein the pet information of the m virtual pets is summary information that is stored on the blockchain system and that is of the m virtual pets owned by a current user account, and m is a positive integer;

displaying a pet preview interface in the application program, wherein the pet preview interface is used for displaying the pet information of the m virtual pets owned by the current user account;

receiving a selection signal triggered on the pet preview interface; and

determining the target virtual pet in the m virtual pets according to the selection signal.

10. The method according to any one of claims 2 to 8, wherein a career information button is further displayed on the first display interface; and

the method further comprises:

receiving a first tapping signal triggered for the career information button on the first display interface;

obtaining career information of the target virtual pet from the server according to the first tapping signal, wherein the career information comprises k pieces of historical event journal information that are stored on the blockchain system and that are after birth of the target virtual pet, and k is a positive integer; and

displaying a second display interface, wherein the career information of the target virtual pet is displayed on the second display interface.

11. The method according to any one of claims 2 to 8, wherein a trading information button is further displayed on the first display interface; and

the method further comprises:

receiving a second tapping signal triggered for the trading information button on the first display interface;

obtaining blockchain trading information of the target virtual pet from the server according to the second tapping signal, wherein the blockchain trading information comprises historical trading journal information of the target virtual pet stored on the blockchain system; and

displaying a third display interface, wherein the blockchain trading information of the target virtual pet is displayed on the third display interface.

12. The method according to claim 9, wherein a blockchain node control is further displayed on the pet preview interface; and

the method further comprises:

receiving a third tapping signal triggered for the blockchain node control on the first display interface;

obtaining node status information of n blockchain nodes from the server according to the third tapping signal, wherein n is a positive integer; and

displaying a fourth display interface, wherein the node status information of the n blockchain

nodes is displayed on the fourth display interface.

13. A method for displaying a virtual pet, performed by a server, the method comprising:

receiving a first obtaining request transmitted by a terminal, the first obtaining request being transmitted by the terminal after the terminal determines a to-be-displayed target virtual pet in an application program providing a virtual pet;

extracting a pet identifier of the target virtual pet on a blockchain system from the first obtaining request;

obtaining first information of the target virtual pet from the blockchain system according to the pet identifier; and

transmitting the first information to the terminal, the first information being used by the terminal to display a first display interface of the target virtual pet;

wherein pet images of 0th-generation virtual pets are generated randomly, and a pet image of a descendant virtual pet other than the 0th-generation virtual pets is generated according to a genetic inheritance rule based on pet images of parental virtual pets and/or other ancestral virtual pets;

wherein pet information of each virtual pet is stored on the blockchain system, and is stored and authenticated through a consensus mechanism for a plurality of nodes on the blockchain system; the pet information at least includes: a unique gene sequence of the virtual pet.

14. The method according to claim 13, wherein after the transmitting the first information to the terminal, the method further comprises:

receiving a second obtaining request transmitted by the terminal, wherein the second obtaining request is transmitted by the terminal after sliding to a second location on the first display interface;

extracting the pet identifier of the target virtual pet on the blockchain system from the second obtaining request;

obtaining second information of a filial virtual pet from the blockchain system according to the pet identifier; and

transmitting the second information to the terminal, wherein the second information is used by the terminal to display information about the filial virtual pet in displayed content corresponding to the second location on the first display interface.

15. The method according to claim 14, wherein after the transmitting the second information to the terminal, the method further comprises:

receiving a third obtaining request transmitted by the terminal, wherein the third obtaining request is transmitted by the terminal after sliding to a third location on the first display interface;

extracting the pet identifier of the target virtual pet on the blockchain system from the third obtaining request;

obtaining genealogy information corresponding to the target virtual pet from the blockchain system according to the pet identifier; and

transmitting the genealogy information to the terminal, wherein the genealogy information is used by the terminal to display the genealogy information in displayed content corresponding to the third location on the first display interface.

16. The method according to claim 13, wherein after the transmitting the first information to the terminal, the method further comprises:

receiving a fourth obtaining request transmitted by the terminal, wherein the fourth obtaining request is transmitted by the terminal after a career information button on the first display interface is triggered;

extracting first identification information from the fourth obtaining request;

obtaining k pieces of historical event journal information after birth of the target virtual pet from the blockchain system according to the first identification information, and obtaining career information of the target virtual pet, wherein k is a positive integer; and

transmitting the career information of the target virtual pet to the terminal, wherein the career information is used by the terminal to display a second display interface of the target virtual pet.

17. The method according to claim 13, wherein after the transmitting the first information to the terminal, the method further comprises:

receiving a fifth obtaining request transmitted by the terminal, wherein the fifth obtaining request is transmitted by the terminal after a trading information button on the first display interface is triggered;

extracting second identification information from the fifth obtaining request;

obtaining blockchain trading information of the target virtual pet from the blockchain system according to the second identification information; and

transmitting the blockchain trading information to the terminal, the blockchain trading information being used by the terminal to display a third display interface of the target virtual pet.

18. An apparatus for displaying a virtual pet, comprising:

a determining module, configured to determine a to-be-displayed target virtual pet in an application program providing a virtual pet;

an obtaining module, configured to obtain first information of the target virtual pet from a server, the first information being information that is stored on a blockchain system and that corresponds to the target virtual pet; and

a display module, configured to display a first display interface of the target virtual pet, the first display interface comprising the first information of the target virtual pet;

wherein pet images of 0th-generation virtual pets are generated randomly, and a pet image of a descendant virtual pet other than the 0th-generation virtual pets is generated according to a genetic inheritance rule based on pet images of parental virtual pets and/or other ancestral virtual pets;

wherein pet information of each virtual pet is stored on the blockchain system, and is stored and authenticated through a consensus mechanism for a plurality of nodes on the blockchain system; the pet information at least includes: a unique gene sequence of the virtual pet.

19. A terminal, comprising a memory and a processor, the memory storing at least one computer-readable instruction, and the at least one computer-readable instruction being loaded and executed by the processor to implement the following operations:

determining a to-be-displayed target virtual pet in an application program providing a virtual pet;

obtaining first information of the target virtual pet from a server, the first information being information that is stored on a blockchain system and that corresponds to the target virtual pet; and

displaying a first display interface of the target virtual pet, the first display interface comprising the first information of the target virtual pet;

wherein pet images of 0th-generation virtual pets are generated randomly, and a pet image of a descendant virtual pet other than the 0th-generation virtual pets is generated according to a genetic inheritance rule based on pet images of parental virtual pets and/or other ancestral virtual pets;

wherein pet information of each virtual pet is stored on the blockchain system, and is stored and authenticated through a consensus mechanism for a plurality of nodes on the blockchain system; the pet information at least includes: a unique gene sequence of the virtual pet.

20. A non-volatile computer-readable storage medium, storing at least one computer-readable

instruction, the at least one computer-readable instruction being loaded and executed by a processor to implement the following operations:

determining a to-be-displayed target virtual pet in an application program providing a virtual pet;

obtaining first information of the target virtual pet from a server, the first information being information that is stored on a blockchain system and that corresponds to the target virtual pet; and

displaying a first display interface associated with the target virtual pet, the first display interface comprising the first information of the target virtual pet;

wherein pet images of 0th-generation virtual pets are generated randomly, and a pet image of a descendant virtual pet other than the 0th-generation virtual pets is generated according to a genetic inheritance rule based on pet images of parental virtual pets and/or other ancestral virtual pets;

wherein pet information of each virtual pet is stored on the blockchain system, and is stored and authenticated through a consensus mechanism for a plurality of nodes on the blockchain system; the pet information at least includes: a unique gene sequence of the virtual pet.