CLAIMS

What is claimed is:

1. A cross-blockchain interaction system, comprising:

a service consortium chain, a judicial chain, a request client, and an evidence storage server, wherein:

the request client is configured to obtain, after a case is processed, content of the processed case, process the content of the processed case to generate a digital digest, and send an evidence storage request to the evidence storage server, wherein the evidence storage request carries the digital digest;

the evidence storage server is configured to receive the evidence storage request, extract the digital digest, and send the digital digest to an evidence storage client;

the evidence storage client corresponds to a blockchain node of the judicial chain and is configured to store information on the judicial chain, receive the digital digest, perform evidence storage of the digital digest, and return an evidence storage record ID;

the evidence storage server is further configured to obtain the evidence storage record ID returned by the judicial chain, and return the evidence storage record ID, the digital digest, and the content of the case to an information storage node; and

the information storage node corresponds to a blockchain node of the service consortium chain, and is configured to receive and store the evidence storage record ID, the digital digest, and the content of the case.

2. The cross-blockchain interaction system according to claim 1, wherein the service consortium chain comprises an insurance service consortium chain;

the request client comprises a claim settlement client;

the claim settlement client is configured to obtain, after claim settlement of a case is completed, content of the claim settlement case, process the content of the claim settlement case to generate a digital digest, and send an evidence storage request to the evidence storage server, wherein the evidence storage request carries the digital digest; and

the information storage node corresponds to a blockchain node of the insurance service consortium chain, and is configured to receive and store the evidence storage record ID, the digital digest, and the content of the case.

3. The cross-blockchain interaction system according to claim 1, wherein the service

consortium chain comprises a public welfare consortium chain;

the request client comprises a query client;

the query client is configured to obtain, after a public welfare activity is finished, content of the public welfare activity, process the content of the public welfare activity to generate a digital digest, and send an evidence storage request to the evidence storage server, wherein the evidence storage request carries the digital digest; and

the information storage node corresponds to a blockchain node of the public welfare consortium chain, and is configured to receive and store the evidence storage record ID, the digital digest, and the content of the case.

4. The cross-blockchain interaction system according to claim 1, wherein the evidence storage server is further configured to return the evidence storage record ID, the digital digest, and the content of the case to the request client.

5. The cross-blockchain interaction system according to claim 1, wherein the content of the processed case comprises user information and service-related information of the processed case.

6. The cross-blockchain interaction system according to claim 5, wherein the request client is further configured to: obtain information related to a case processed by a user, splice and integrate the information related to the case according to a preset rule of the request client, and process the integrated content of the case by using a digital digest algorithm to generate a digital digest.

7. The cross-blockchain interaction system according to claim 6, wherein the request client is further configured to: receive a check request of the user for a to-be-checked case and forward the check request to the evidence storage server;

the evidence storage server is further configured to: receive information about the to-be-checked case; generate a first digital digest based on the information about the to-be-checked case; input an evidence storage record ID of the to-be-checked case into an evidence query interface to obtain a second digital digest stored; and compare the first digital digest with the second digital digest, output a check result of the to-be-checked case, and feed back the result to the request client; and

the request client is further configured to: receive and output the check result of the to-be-

checked case.

8. The cross-blockchain interaction system according to claim 1, wherein the blockchain node of the service consortium chain comprises a service-related device institution node, a service device of an Internet platform, a device of a regulator, and a service device of the request client that access the blockchain; and

the blockchain node of the judicial chain comprises a service device of a notary office, a service device of a court, and a service device of a judicial expertise center that access the blockchain.

9. A cross-blockchain interaction method, applicable to an evidence storage server, wherein the method comprises:

receiving an evidence storage request, wherein the evidence storage request carries a digital digest generated by processing content of a processed case;

extracting the digital digest, and sending the digital digest to an evidence storage client for evidence storage, wherein the evidence storage client corresponds to a blockchain node of a judicial chain and is configured to store information on the judicial chain; and

obtaining an evidence storage record ID returned by the evidence storage client, and returning the evidence storage record ID, the digital digest, and the content of the case to an information storage node.

10. The cross-blockchain interaction method according to claim 9, wherein the content of the processed case comprises: content of a claim settlement case with claim settlement completed or content of a finished public welfare activity.

11. The cross-blockchain interaction method according to claim 9, further comprising:

returning the evidence storage record ID, the digital digest, and the content of the case to a request client.

12. The cross-blockchain interaction method according to claim 9, further comprising:

receiving information about a to-be-checked case;

generating a first digital digest based on the information about the to-be-checked case;

inputting an evidence storage record ID of the to-be-checked case into an evidence query interface to obtain a second digital digest stored; and

comparing the first digital digest with the second digital digest and outputting a comparison result.

13. A cross-blockchain interaction method, applicable to a request client, wherein the method comprises:

processing, after a case is processed, content of the processed case to generate a digital digest;

sending an evidence storage request to an evidence storage server, wherein the evidence storage request carries the digital digest; and

returning an evidence storage record ID, by an evidence storage client, to the evidence storage server, the evidence storage client corresponding to a blockchain node of a judicial chain and is configured to store information on the judicial chain; and

receiving an evidence storage record ID, the digital digest, and the content of the case that are returned by the evidence storage server.

14. The cross-blockchain interaction method according to claim 13, wherein the processing content of the processed case to generate a digital digest comprises:

obtaining information related to the processed case;

splicing and integrating the information related to the case according to a preset rule of the request client; and

processing the integrated content of the case by using a digital digest algorithm to generate a digital digest.

15. The cross-blockchain interaction method according to claim 13, wherein the content of the processed case comprises: content of a claim settlement case with claim settlement completed or related content of a finished public welfare activity.

16. The cross-blockchain interaction method according to claim 13, further comprising:

receiving a check request of a user for a to-be-checked case and forwarding the check request to the evidence storage server; and

receiving and outputting a check result of the to-be-checked case.

17. A cross-blockchain interaction apparatus, comprising:

a first receiving module, configured to receive an evidence storage request, wherein the

evidence storage request carries a digital digest generated by processing content of a processed case;

an extraction module, configured to extract the digital digest, and send the digital digest to a judicial chain for evidence storage, wherein an evidence storage client is configured to store information on the judicial chain and corresponds to a blockchain node of the judicial chain; and

a second receiving module, configured to obtain an evidence storage record ID returned by the judicial chain, and return the evidence storage record ID, the digital digest, and the content of the case to an information storage node.

18. The cross-blockchain interaction apparatus according to claim 17, further comprising:

a sending module, configured to return the evidence storage record ID, the digital digest, and the content of the case to a request client.

19. The cross-blockchain interaction apparatus according to claim 17, further comprising:

a third receiving module, configured to receive information about a to-be-checked case;

a generation module, configured to generate a first digital digest based on the information about the to-be-checked case;

an obtaining module, configured to input an evidence storage record ID of the to-be-checked case into an evidence query interface to obtain a second digital digest stored; and

a comparison module, configured to compare the first digital digest with the second digital digest, and send a check result of the to-be-checked case to a request client.

20. The cross-blockchain interaction apparatus according to claim 17, wherein the content of the processed case comprises: content of a claim settlement case with claim settlement completed or content of a finished public welfare activity.

21. A computer device, comprising a memory, a processor, and computer instructions stored in the memory and executable by the processor, wherein when the processor executes the instructions, steps in the method according to any one of claims 9 to 16 are implemented.

22. A computer-readable storage medium, storing computer instructions, wherein when the instructions are executed by a processor, steps in the method according to any one of claims 9 to 16 are implemented.