

CLAIMS

What is claimed is:

1. A computer-implemented method for generating a target contract, comprising:

generating (11), by a first terminal device and based on an operation instruction of a first user on a display interface of an application running on the first terminal device, a joint contract signing request to jointly sign a contract with a second user cluster, wherein the second user cluster is a cluster comprising at least one second user, each second user in the second user cluster is one-to-one corresponding to a respective second terminal device in a second terminal device cluster, the first user and the at least one second user of the second user cluster are in a same chat group and the display interface of the application running on the first terminal device is a group chat interface of the chat group;

sending (12) the joint contract signing request to the second terminal device cluster corresponding to the second user cluster, for M second terminal devices in the second terminal device cluster to each generate and return, based on the joint contract signing request, a piece of first acknowledgment information that acknowledges jointly signing a contract, $M > 0$ and being a positive integer;

determining (13), based on M pieces of first acknowledgment information, chat information from group chat records in the chat group, comprising specifying, by the first user, one or more pieces of information in the group chat records as the chat information, the specifying comprising: receiving a tap operation of the first user to change all information in the group chat records to a candidate state, wherein each piece of information is provided with a check area, and receiving a selection of the one or more pieces of information in the group chat records via a check operation of the one or more pieces of information performed by the first user;

generating (14) a pending contract based on the chat information, comprising directly adding the chat information in the pending contract in a form of a picture without processing the chat information and performing word meaning recognition on the chat information, converting the chat information into text agreement information in a standard format, and adding the text agreement information into the pending contract;

sending the pending contract to the second terminal device cluster, for P second terminal devices in the second terminal device cluster to each generate a piece of second acknowledgment information that acknowledges the pending contract, $P > 0$ and being a positive integer;

determining (15) the pending contract as the target contract based on P pieces of second acknowledgment information, and
uploading the target contract to a blockchain.

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

before the sending the joint contract signing request to the second terminal device cluster corresponding to the second user cluster,

determining whether a credit level of the first user reaches a predetermined credit level;

in response to the credit level of the first user reaching the predetermined credit level, sending the joint contract signing request to the second terminal device cluster; and

in response to the credit level of the first user not reaching the predetermined credit level, generating one or more of first prompt information for displaying to the first user or second prompt information for sending to the second terminal device cluster.

3. The computer-implemented method according to claim 1, wherein the generating the pending contract based on the chat information includes:

receiving supplementary content from the first user; and

combining the chat information and the supplementary content from the first user into the pending contract.

4. The computer-implemented method according to claim 1, further comprising:

after the generating the pending contract based on the chat information, and the sending the pending contract to the second terminal device cluster:

performing one or more times of comment exchange with the second terminal device cluster based on the pending contract to obtain negotiation information corresponding to the pending contract; and

adding the negotiation information into the pending contract as supplementary content of the corresponding pending contract.

5. The computer-implemented method according to claim 1, further comprising:
 - after the generating the pending contract based on the chat information:
 - analyzing whether a logic expression of the pending contract meets a clarity threshold by using a machine learning model;
 - in response to the logic expression of the pending contract meeting the clarity threshold, sending the pending contract to the second terminal device cluster; and
 - in response to the logic expression of the pending contract not meeting the clarity threshold, generating prompt information indicating ambiguous information in the pending contract, so as to prompt the first user to process the ambiguous information; and receiving explanation information obtained after the first user processing the ambiguity information, and adding the explanation information into the pending contract.
6. The computer-implemented method according to claim 1, further comprising:
 - after the uploading the target contract to the blockchain,
 - downloading the target contract from the blockchain.
7. The computer-implemented method according to claim 1, wherein the operation instruction of the first user includes at least one of sliding, touching, tapping, double-tapping, three-tapping, and long-pressing on the display interface of the application running on the first terminal device of the first user.
8. The computer-implemented method according to claim 7, wherein the operation instruction of the first user includes a tapping on a key in the display interface of the application running on the first terminal device of the first user, and wherein the tap operation of the first user received to change all information in the group chat records to the candidate state is a second tap operation of the first user.
9. A computer readable storage medium (704) on which a computer program is stored, which, when the computer program is executed by a processor (702) causes the processor (702) to carry out a method according to any one of claims 1 to 8.
10. A computer device configured to carry out a method according to any one of claims 1 to 8.