CLAIMS

What is claimed is:

1. A reimbursement code−based data processing method, comprising:

performing expense control verification on a target order of an institution member based on an expense control rule configured in a reimbursement code of an institution, wherein the target order is submitted after a code scanning device configured for an order participant scans the reimbursement code displayed on a member terminal of the institution member;

paying, if expense control verification succeeds, for the target order based on an institution account bound to the institution, to obtain bill information;

transferring the bill information to a ticket application link activated by the order participant, to generate an electronic ticket of the target order; and

creating a reimbursement form of the institution member based on the electronic ticket and the bill information.

2. The reimbursement code−based data processing method according to claim 1, wherein the performing expense control verification on a target order of an institution member based on an expense control rule configured in a reimbursement code of an institution comprises:

determining a target reimbursement category matching the target order in at least one reimbursement category of the expense control rule;

verifying whether element information recorded in the target order falls within a value range of an expense control element associated with the target reimbursement category; and

if yes, determining that verification on the target order in terms of the target reimbursement category succeeds.

3. The reimbursement code−based data processing method according to claim 1, wherein the expense control rule is configured with at least one reimbursement category of the reimbursement code, and the reimbursement category is associated with at least one expense control element; and

the expense control element comprises at least one of the following: a time element, an object compliant element, a limit element, and a location element.

4. The reimbursement code−based data processing method according to claim 1, wherein before the step of performing expense control verification on a target order of an institution member based on an expense control rule configured in a reimbursement code of an institution is performed, the method further comprises:

obtaining a reimbursement code access request submitted by a member terminal of the institution member; and

delivering the reimbursement code of the institution to the member terminal, to display the reimbursement code on the member terminal.

5. The reimbursement code−based data processing method according to claim 1, wherein

the institution member accesses a code scanning control of a reimbursement code service configured for a third-party application, to invoke an image capturing component configured for the member terminal to scan the transaction code.

6. The reimbursement code−based data processing method according to claim 1, further comprising:

detecting, based on an obtained reimbursement code activation request of the institution, whether the institution is an authenticated institution or whether an institution member who submits the reimbursement code activation request is an institution possessor of the institution; and

if yes, generating the reimbursement code, delivering the reimbursement code to the institution or the institution member who submits the reimbursement code activation request, and establishing a binding relationship between the institution and a submitted institution account.

7. The reimbursement code−based data processing method according to claim 6, further comprising:

sending an activation invitation of the reimbursement code to a to-be-authorized member based on an activation request submitted by the institution for the to-be-authorized member;

performing identity verification processing on the to-be-authorized member if a confirmation instruction submitted by the to-be-authorized member for the activation invitation is detected; and

when identity verification processing succeeds, granting permission for the reimbursement code to the to-be-authorized member, and establishing a mapping relationship between the to-be-authorized member and institution keyword information of the institution.

8. The reimbursement code−based data processing method according to claim 6, further comprising:

obtaining a permission granting application submitted by a to-be-authorized member after the to-be-authorized member uses a member terminal to scans an identification code of the institution, wherein the identification code comprises the reimbursement code;

reviewing the to-be-authorized member based on the permission granting application; and

if review succeeds, granting permission for the reimbursement code to the to-be-authorized member, and establishing a mapping relationship between the to-be-authorized member and institution keyword information of the institution.

9. The reimbursement code−based data processing method according to claim 1, wherein the paying for the target order based on an institution account bound to the institution comprises:

if the institution is an authenticated institution, transferring out funds from a business account of the institution based on an order amount recorded in the target order, and transferring the transferred-out funds to an account of the order participant; or

if the institution is a non-authenticated institution, transferring out funds from a possessor's account of an institution processor based on an order amount recorded in the target order, and transferring the transferred-out funds to an account of the order participant.

10. The reimbursement code−based data processing method according to claim 1, wherein the institution account comprises a financial account that is activated by the institution at a financial institution; and

correspondingly, the paying for the target order based on an institution account bound to the institution comprises:

transferring out funds from the financial account based on an order amount recorded in the target order, and transferring the transferred-out funds to an account of the order participant.

11. The reimbursement code−based data processing method according to claim 10, wherein the funds transferred out from the financial account are prepaid by the financial institution, and the institution reimburses the financial institution for the prepaid funds in an agreed billing period.

12. The reimbursement code−based data processing method according to claim 1, wherein the transferring the bill information to a ticket application link activated by an order participant, to generate an electronic ticket of the target order comprises:

querying institution keyword information that has a mapping relationship with the institution member; and

transferring the bill information to a ticket application link associated with the member order, and obtaining the electronic ticket that is of the target order and that is returned by the ticket application link, wherein the ticket application link issues the electronic ticket based on the bill information and the institution keyword information synchronized from the institution.

13. The reimbursement code−based data processing method according to claim 1, wherein the transferring the bill information to a ticket application link activated by an order participant, to generate an electronic ticket of the target order comprises:

delivering a payment completion page or a bill presentation page of the target order to the institution member, wherein the payment completion page and the bill presentation page are configured with a ticket application control of the target order; and

if a trigger instruction of the ticket application control is detected, transferring the bill information to the ticket application link, and obtaining the electronic ticket that is of the target order and that is returned by the ticket application link.

14. The reimbursement code−based data processing method according to claim 1, wherein after the step of paying, if expense control verification succeeds, for the target order based on an institution account bound to the institution, to obtain bill information, and before the step of transferring the bill information to a ticket application link activated by an order participant, to generate an electronic ticket of the target order is performed, the method further comprises:

determining whether the order participant activates the ticket application link; and

if yes, performing the step of transferring the bill information to a ticket application link activated by an order participant, to generate an electronic ticket of the target order; or

if not, detecting, in a polling manner, an electronic ticket submitted by the institution member or the order participant, and associating the submitted electronic ticket with the bill information of the target order, to create a reimbursement form of the institution user based on the submitted electronic ticket and the bill information.

15. The reimbursement code−based data processing method according to claim 1, wherein the institution member accesses the reimbursement code by using a reimbursement code service provided by a third-party application;

if a plurality of institutions have a subordinate relationship with the institution member, the reimbursement code service is configured with reimbursement code access entries of a plurality of institutions or a plurality of reimbursement code presentation pages; and

the reimbursement code service is configured with a switching control for switching from a reimbursement code access entry of one institution to a reimbursement code access entry of another institution, or a switching control for switching from a reimbursement code display page of one institution to a reimbursement code display page of another institution.

16. The reimbursement code−based data processing method according to claim 1, further comprising:

if expense control verification fails, delivering reimbursement failure reminder information to the institution member, and/or transferring out funds from a member account of the institution member, and transferring the transferred-out funds to an account of the order participant.

17. The reimbursement code−based data processing method according to claim 1, wherein the creating a reimbursement form of the institution member based on the electronic ticket and the bill information comprises:

verifying authenticity of the electronic ticket and the bill information; and

after verification succeeds, creating the reimbursement form of the institution member based on ticket key information recorded in the electronic ticket and/or bill key information comprised in the bill information.

18. The reimbursement code−based data processing method according to claim 1, wherein the creating a reimbursement form of the institution member based on the electronic ticket and the bill information comprises:

analyzing a payment on business relationship between a plurality of target orders based on element information comprised in bill information of the plurality of target orders; and

combining the plurality of target orders based on the payment on business relationship, and creating a reimbursement form of the institution member for a payment on business journey based on a combination result and electronic tickets of the plurality of target orders.

19. The reimbursement code−based data processing method according to claim 2, wherein if verification on the target order in terms of a plurality of target reimbursement categories succeeds, the following operations are performed:

using, based on a priority sequence of the target reimbursement categories, a reimbursement category with a highest priority in the plurality of matched target reimbursement categories as an expense control reimbursement category;

or

displaying the plurality of matched target reimbursement categories to the institution member, and using, as an expense control reimbursement category, a target reimbursement category selected by the institution member from the plurality of displayed target reimbursement categories;

or

determining an expense control reimbursement category from the plurality of matched target reimbursement categories based on historical reimbursement data of the institution member.

20. The reimbursement code−based data processing method according to claim 2, wherein if an execution result of the step of verifying whether element information recorded in the target order falls within a value range of an expense control element associated with the target reimbursement category is no, the following operations are performed:

determining a non-compliant element that is in the element information recorded in the target order and that is outside the value range of the expense control element associated with the target reimbursement category; and

generating expense control reminder information based on the non-compliant element and corresponding element information, and delivering the expense control reminder information to the institution member.

21. The reimbursement code−based data processing method according to claim 20, wherein if the non-compliant element comprised in the expense control reminder information is a limit element, the following operations are performed:

performing order splitting on the target order based on an upper limit threshold of a value range of the limit element, to obtain a first order and a second sub-order whose order amount is equal to a maximum limit threshold;

transferring out funds from the institution account based on the order amount of the second sub-order, and transferring the transferred-out funds to an account of the order participant; and

transferring out funds from a member account of the institution member based on an order amount of the first order, and transferring the transferred-out funds to the account of the order participant.

22. The reimbursement code−based data processing method according to claim 2, wherein the determining a target reimbursement category matching the target order in at least one reimbursement category of the expense control rule comprises:

detecting whether the target order matches a plurality of reimbursement categories of the expense control rule; and

if yes, using a reimbursement category with a highest priority in the plurality of matched reimbursement categories as the target reimbursement category based on a priority sequence of the reimbursement categories; or displaying the plurality of matched reimbursement categories to the institution member, and using, as the target reimbursement category, a reimbursement category selected by the institution member from the plurality of displayed reimbursement categories; or determining the target reimbursement category from the plurality of matched reimbursement categories based on historical reimbursement data of the institution member.

23. A reimbursement code−based data processing apparatus, comprising:

an expense control verification module, configured to perform expense control verification on a target order of an institution member based on an expense control rule configured in a reimbursement code of an institution, wherein the target order is submitted after a code scanning device configured for an order participant scans the reimbursement code displayed on a member terminal of the institution member;

an order payment module, configured to pay, if expense control verification succeeds, for the target order based on an institution account bound to the institution, to obtain bill information;

an electronic ticket generation module, configured to transfer the bill information to a ticket application link activated by the order participant, to generate an electronic ticket of the target order; and

a reimbursement form creation module, configured to create a reimbursement form of the institution member based on the electronic ticket and the bill information.

24. A reimbursement code−based data processing device, comprising:

a processor; and a storage configured to store computer-executable instructions, wherein when the computer-executable instructions are executed, the processor is enabled to perform the following operations:

performing expense control verification on a target order of an institution member based on an expense control rule configured in a reimbursement code of an institution, wherein the target order is submitted after a code scanning device configured for an order participant scans the reimbursement code displayed on a member terminal of the institution member;

paying, if expense control verification succeeds, for the target order based on an institution account bound to the institution, to obtain bill information;

transferring the bill information to a ticket application link activated by the order participant, to generate an electronic ticket of the target order; and

creating a reimbursement form of the institution member based on the electronic ticket and the bill information.

25. A storage medium, configured to store computer-executable instructions, wherein when the computer-executable instructions are executed, the following procedure is implemented:

performing expense control verification on a target order of an institution member based on an expense control rule configured in a reimbursement code of an institution, wherein the target order is submitted after a code scanning device configured for an

order participant scans the reimbursement code displayed on a member terminal of the institution member;

paying, if expense control verification succeeds, for the target order based on an institution account bound to the institution, to obtain bill information;

transferring the bill information to a ticket application link activated by the order participant, to generate an electronic ticket of the target order; and

creating a reimbursement form of the institution member based on the electronic ticket and the bill information.