CLAIMS

1. A method for information exchange, the method comprising:

scanning, by a first end-user device, a digital object identifier (DOI) of a second end-user device, wherein the DOI of the second end-user device comprises identity information of the second end-user device, wherein the first end-user device corresponds to a payer in an electronic payment, and the second end-user corresponds to a payee;

identifying, by the first end-user device, the second end-user device based on the DOI of the second end-user device;

generating, by the first end-user device, a service DOI based on the identity information of the second end-user device that is identified from the DOI of the second end-user device, the service DOI comprising the identity information of the second end-user device and specified service information; and

displaying, by the first end-user device, the service DOI to enable the second end-user device to:

scan the service DOI,

send the service DOI to a server, and

receive the electronic payment , in response to the server determining that a user of the second end-user device is a legitimate payee based on verifying an identity information of the second end-user device included in the service DOI~~.~~

~~2. The method according to claim 1~~,

wherein the verification of the identity information of the second end-user device included in the service DOI comprises:

transmitting, by the second end-user device to the server, the identity information of the second end-user device included in the service DOI; and

determining, by the server, a device identity corresponding to the identity information of the second end-user device included in the service DOI is consistent with a device identity of the second end-user device transmitting the identity information to the server.

~~3~~2. The method according to claim 1, wherein scanning, by the first end-user device, the DOI of the second end-user device comprises:

scanning, by the first end-user device by using a front-facing camera of the first end-user device, the DOI of the second end-user device that is displayed by the second end-user device.

~~4~~3. The method according to claim 1, further comprising:

performing, by the first end-user device, verification on the identity information of the second end-user device that is identified from the DOI of the second end-user device; and

determining, by the first end-user device, that the verification on the identity information of the second end-user device that is identified from the DOI of the second end-user device succeeds.

~~5~~4. The method according to claim 1, wherein the service DOI further comprises identity information of the first end-user device, so that the second end-user device performs verification on the identity information of the first end-user device.

~~6~~5. The method according to any one of claims 1 to ~~4~~3, wherein the identity information comprises at least one of a device information and an account information.

~~7~~6. The method according to any one of claims 1 to ~~5~~4, wherein the DOI comprises at least one of a two-dimensional code or a barcode.

~~8~~7. The method according to claim 1, wherein the specified service information is payment information.

~~9~~8. An apparatus for information exchange, the apparatus comprising a plurality of modules configured to perform the method of any one of claims 1 to ~~8~~7.