

CLAIMS

1. A computer-implemented method for verification based on a verification code, the computer-implemented method comprising:

receiving a verification request;

retrieving a pre-generated first character string after receiving the verification request, wherein the first character string comprises at least one variable character;

generating a second character string by replacing a portion of variable characters with backup characters based on a pre-established correspondence between a variable character and a backup character;

generating a verification code based on the second character string that corresponds to an uncommon syntax; and

verifying a user corresponding to the verification request.

2. The computer-implemented method of claim 1, wherein pre-establishing the correspondence between the variable character and the backup character comprises:

determining at least one of a homophonous character and a synonymous character of any variable character;

using the at least one of the homophonous character and the synonymous character as a backup character of the variable character; and

establishing the correspondence between the backup character and the variable character.

3. The computer-implemented method of claim 2, wherein generating the verification code based on the second character string comprises:

generating the verification code in a specified format based on the second character string.

4. The computer-implemented method of claim 3, wherein the specified format comprises at least one of a picture format and a text format.

5. The computer-implemented method of claim 1, wherein verifying the user corresponding

to the verification request specifically comprises:

- generating an input area in a user verification interface;
- obtaining a character string that is to be verified and is entered by the user in the input area based on the verification code; and
- verifying, based on the first character string, the character string to be verified.

6. The computer-implemented method of claim 1, wherein verifying the user corresponding to the verification request specifically comprises:

- generating an operable verification code display area in a user verification interface;
- retrieving operation information that is to be verified and is corresponding to an operation that is to be verified and is performed by the user in the verification code display area based on the verification code; and
- verifying, based on pre-determined marking operation information, the operation information to be verified.

7. The computer-implemented method of claim 1, wherein the variable character and the backup character correspond to same types of characters.

8. The computer-implemented method of claim 1, wherein the first character string is generated in advance based on a corresponding verification code generation rule and stored in a database on a server side.

9. An apparatus for verification based on a verification code, the apparatus comprising a plurality of modules configured to perform the method of any one of claims 1 to 8.