

Claims

1. A verification method, comprising:

generating a security question and an answer for a user matching the security question for verifying the user;

determining, according to category identification information of the answer for the user, user data of users corresponding to the category identification information;

searching, in the determined user data, for pieces of the user data related to the answer for the user to serve as distraction answers according to at least one of semantics of the answer for the user and characters of the answer for the user, wherein the distraction answers and the answer for the user have the same category identification information; and

verifying the user according to the security question and a selected answer, wherein the selected answer is selected by the user from the answer for the user and the distraction answers.

2. The method according to claim 1, wherein, before generating a security question and an answer for the user matching the security question for verifying the user, the method further comprises:

acquiring user data of users;

determining category identification information of the acquired user data;

categorizing the user data according to the category identification information of the user data, and generating an answer library corresponding to the category identification information for each category of user data after the categorization;

wherein the user data comprises: at least one of business data generated based on business operations of the users and the users' personal information data; and

wherein the category identification information comprises: at least one of at least one personal information attribute identification and at least one business attribute identification.

3. The method according to claim 2, wherein the searching for user data related to the answer for the user according to the category identification information comprises:

when the category identification information of the answer for the user is a business attribute identification, determining an answer library according to the business attribute identification, searching for, according to a personal information attribute identification of the user, user data corresponding to the personal information attribute identification in the

determined answer library, and searching for the user data related with the answer for the user in the found user data according to at least one of the semantics of the answer for the user and the characters of the answer for the user; or

when the category identification information of the answer for the user is a personal information attribute identification, determining an answer library corresponding to the category identification information according to the personal information attribute identification, and searching for the user data related to the answer for the user in the determined answer library according to at least one of the semantics of the answer for the user and the characters of the answer for the user.

4. The method according to claim 3, wherein the searching for user data related to the answer for the user according to at least one of the semantics of the answer for the user and the characters of the answer for the user comprises:

determining a similarity between the answer for the user and the user data according to at least one of the semantics of the answer for the user and the characters of the answer for the user, and

searching for user data related to the answer for the user according to the similarity.

5. The method according to claim 4, wherein the searching for user data related to the answer for the user as distraction answers comprises:

if the number of pieces of the found user data related to the answer for the user is greater than a set threshold, selecting, according to the similarity in a descending order, a set number of pieces of user data as distraction answers from the found user data related to the answer for the user .

6. The method according to claim 2, wherein the acquiring user data of users comprises:
acquiring changed user data when the user data of users changes; or,

acquiring user data of users according to a set period; and wherein the method further comprises: according to the acquired user data, updating the answer library corresponding to the user data.

7. A verification device, comprising:

a security question module configured to generate a security question and an answer for a user matching the security question for verifying the user;

a determining module configured to determine, according to category identification information of the answer for the user, user data of users corresponding to the category identification information;

a distraction answer module configured to search, in the determined user data, for pieces of the user data related to the answer for the user to serve as distraction answers according to at least one of semantics of the answer for the user and characters of the answer for the user, wherein the distraction answers and the answer for the user have the same category identification information; and

a verification module configured to verify the user according to the security question and a selected answer, wherein the selected answer is selected by the user from the answer for the user and the distraction answers.

8. The device according to claim 7, wherein the device further comprises: a pre-processing module configured to acquire user data of users, determine category identification information of the acquired user data, categorize the user data according to the category identification information of the user data, and generate an answer library corresponding to the category identification information for each category of user data after the categorization;

wherein the user data comprises: at least one of business data generated based on business operations of the users and the users' personal information data; and

wherein the category identification information comprises: at least one of at least one personal information attribute identification and at least one business attribute identification.

9. The device according to claim 8, wherein, when the category identification information of the answer for the user is a business attribute identification, the distraction answer module

determines an answer library according to the business attribute identification, searches for, according to a personal information attribute identification of the user, user data corresponding to the personal information attribute identification in the determined answer library, and searches for user data related to the answer for the user in the found user data according to at least one of the semantics of the answer for the user and the characters of the answer for the user; or

when the category identification information of the answer for the user is a personal information attribute identification, the distraction answer module determines an answer library corresponding to the category identification information according to the personal information attribute identification, and searches for user data related to the answer for the user in the determined answer library according to at least one of the semantics of the answer for the user and the characters of the answer for the user.

10. The device according to claim 9, wherein the distraction answer module determines a similarity between the answer for the user and the user data according to at least one of the semantics of the answer for the user and the characters of the answer for the user, and searches for user data related to the answer for the user according to the similarity.

11. The device according to claim 10, wherein, if the number of pieces of the found user data related to the answer for the user is greater than a set threshold, the distraction answer module selects, according to the similarity in a descending order, a set number of pieces of user data as distraction answers from the found user data related to the answer for the user.

12. The device according to claim 8, wherein the pre-processing module acquires changed user data when the user data of users changes; or acquires user data of users according to a set period; and updates, according to the acquired user data, the answer library corresponding to the user data.