

What is claimed is:

1. A method for processing data visualization information, comprising:
performing a recognizability analysis on received input information; and
determining whether the input information is recognized correctly, when the input
5 information is recognized correctly, determining, based on a recognition result of the
input information, an interactive instruction corresponding to the recognition result, and
then executing the interactive instruction;

wherein the determining, based on the recognition result of the input information, an
interactive instruction corresponding to the recognition result comprises: searching and
10 matching the recognition result in the database; when a data field corresponding to the
recognition result does not exist in the database, determining a set of keywords based on
the recognition result; and determining the interactive instruction corresponding to the
recognition result based on the set of keywords.

2. The method of claim 1, wherein the determining whether the input information is
15 recognized correctly comprises:

converting the input information that can be recognized into media information with
a specified presentation form, and determining, based on confirmation information of the
media information, whether the input information is recognized correctly, wherein the
confirmation information is configured to indicate whether the media information
20 presents the input information correctly.

3. The method of claim 1, wherein the determining, based on a recognition result of
the input information, an interactive instruction corresponding to the recognition result
comprises: searching and matching the recognition result in a database, when a data field
corresponding to the recognition result exists in the database, directly determining, based
25 on the recognition result, the interactive instruction corresponding to the recognition
result.

4. The method of claim 1, further comprising: when the input information is received,
judging whether the input information is received successfully; wherein when the input
information is received unsuccessfully, first feedback information used for indicating that
30 the input information is received unsuccessfully is generated.

5. The method of claim 1, wherein the performing a recognizability analysis on the
received input information comprises:

analyzing the input information based on a recognition model for recognizing the

input information, and then determining the recognizability of the input information received; wherein when the input information isn't recognized, second feedback information used for indicating that the input information isn't recognized is generated.

6. The method of claim 2, wherein when the input information is recognized
5 incorrectly, third feedback information used for indicating that the input information is recognized incorrectly is generated.

7. The method of claim 1, wherein the determining a set of keywords based on the recognition result comprises:

recognizing the input information as a semantic text, and extracting the set of
10 keywords from the semantic text, wherein the set of keywords comprises at least one field.

8. The method of claim 1, wherein the determining, based on the set of keywords, an interactive instruction corresponding to the recognition result comprises:

matching the set of keywords with data fields in the database; and when fields in the
15 set of keywords match the data fields in the database, determining the interactive instruction based on a matching result.

9. The method of claim 8, wherein the determining, based on the set of keywords, an interactive instruction corresponding to the recognition result further comprises:

generating fourth feedback information when fields in the set of key words do not
20 match the data fields in the database, wherein the fourth feedback information is used for indicating that fields in the set of key words do not match the data fields in the database.

10. The method of any one of claims 1-9, wherein the input information comprises at least one of a voice, a touch and a body motion.

11. The method of claim 10, further comprising: when the input information is
25 received, judging whether the input information is received successfully, wherein the input information comprises the voice; wherein the judging whether the input information is received successfully comprises: judging whether the voice is received successfully based on a first threshold.

12. The method of claim 11, wherein the first threshold comprises any one or any
30 combination of: a voice length threshold, a voice strength threshold and a voice domain threshold.

13. The method of claim 2, wherein the media information comprises at least one of the following:

a video, an audio, a picture or a text.

14. A device for processing data visualization information, comprising:

a processor; and

5 a memory, configured to store an instruction, wherein when the instruction is executed, the processor implements steps of method for processing data visualization information according to any one of claims 1-13.

15. A computer readable storage medium, storing computer readable program instructions, wherein when the computer readable program instructions are executed, the method for processing data visualization information according to any one of claims 1-13
10 is executed.