Claims

1. A method for application processing comprising:

receiving a first chat message from a user and a digital assistant, the first chat message indicating a user requirement for creating or adjusting an application;

determining, based on capability information related to an application processing capability of an application creation platform and interaction information, a plurality of sub-requirements comprised in the user requirement, the plurality of sub-requirements associated with an application processing operation provided by the application creation platform; and

performing the application processing operation associated with the plurality of sub-requirements in response to receiving a confirmation of the plurality of sub-requirements from the user.

2. The method of claim 1, wherein the capability information indicates at least one of:

a plurality of candidate functional blocks for constituting an application, and

at least one candidate operation for a corresponding functional block of the application.

3. The method of claim 1, wherein determining the plurality of sub-requirements comprises:

generating a first prompt input for a model based on the first chat message and the capability information, the first prompt input describing the user requirement and at least part of the capability information;

providing the first prompt input to the model; and

obtaining an indication related to the plurality of sub-requirements from the model.

4. The method of claim 1, wherein determining the plurality of sub-requirements comprises:

determining, based on the capability information of the application creation platform and the interaction information, a plurality of sub-requirements for creating the application if the user requirement indicates the creation of the application, the plurality of sub-requirements at least indicating a plurality of functional blocks for constituting the application.

5. The method of claim 1, wherein determining the plurality of sub-requirements comprises:

determining, based on the capability information of the application creation platform and the interaction information, a plurality of sub-requirements for adjusting the application if the user requirement indicates the adjustment to at least part of the application, the plurality of sub-requirements at least indicating a plurality of operations for completing the adjustment of the application.

6. The method of claim 1, wherein determining the plurality of sub-requirements comprises:

determining, in response to the first chat message from the user, a plurality of candidate sub-requirements that meets the user requirement based on the capability information of the application creation platform;

presenting a reply message for the first chat message, the reply message comprising at least a description of the plurality of candidate sub-requirements; and

determining the plurality of sub-requirements based on user feedback from the user for the reply message.

7. The method of claim 6, wherein determining the plurality of sub-requirements based on the user feedback comprises:

receiving a second chat message from the user, the second chat message comprising at least an adjustment to the plurality of candidate sub-requirements; and

determining the plurality of sub-requirements based at least on the second chat message.

8. The method of claim 7, wherein the adjustment of the plurality of candidate sub-requirements comprises at least one of:

adding at least one new sub-requirement,

deleting at least one candidate sub-requirement of the plurality of candidate sub-requirements, and

modifying at least one candidate sub-requirement of the plurality of candidate sub-requirements.

9. The method of claim 7, wherein the second chat message further comprises a description of the plurality of candidate sub-requirements, and wherein determining the plurality of sub-requirements comprises:

generating a second prompt input for the model based on the second chat message;

providing the second prompt input to the model; and

obtaining an indication related to the plurality of sub-requirements from the model.

10. The method of claim 7, wherein the reply message further comprises a clarification guidance for the user requirement to guide the user to clarify the user requirement.

11. The method of claim 1, wherein the application creation platform comprises an application platform as a service (aPaaS) based platform.

12. An apparatus for application processing comprising:

a message receiving module configured to receive a first chat message from a user and a digital assistant, the first chat message indicating a user requirement for creating or adjusting an application;

a sub-requirement determining module configured to determine, based on capability information related to an application processing capability of an application creation platform and interaction information, a plurality of sub-requirements comprised in the user requirement, the plurality of sub-requirements associated with an application processing operation provided by the application creation platform; and

an operation performing module configured to perform the application processing operation associated with the plurality of sub-requirements in response to receiving a confirmation of the plurality of sub-requirements from the user.

13. An electronic device comprising:

at least one processing unit; and

at least one memory coupled to the at least one processing unit and storing instructions for execution by the at least one processing unit, the instructions, when executed by the at least one processing unit, causing the electronic device to perform the method of any of claims 1 to 11.

14. A computer-readable storage medium having stored thereon a computer program executable by a processor to perform the method of any of claims 1 to 11.