CLAIMS

1. A server for processing a request for a search for an on-demand service, the server comprising:

a communication interface configured to receive the request for the search for the on-demand service from a computing device; and

a processor connectable to the communication interface to receive the request for the search, and configured to:

determine a distance from a location of the computing device based on a confirmed allocation rate of a plurality of requests for on-demand services received from a plurality of users, to produce an initial list of service providers within the distance;

predict a delivery experience value of each service provider in the initial list of service providers;

produce a list of service providers from the initial list of service providers, based on a plurality of predetermined factor values of each service provider in the initial list of service providers, wherein the plurality of predetermined factor values include the predicted delivery experience value of each service provider in the initial list of service providers; and

provide the produced list of service providers as a search result to the computing device via the communication interface.

2. The server according to claim 1, wherein the plurality of predetermined factor values include a plurality of predetermined first factor values and a plurality of predetermined second factor values, and the plurality of predetermined first factor values and the plurality of predetermined second factor values are applied at different stages.

3. The server according to claim 2, wherein the plurality of predetermined first factor values include the predicted delivery experience value of each service provider in the initial list of service providers, and further include at least one of a revenue, a profit, a type, and a searching matching score of each service provider.

4. The server according to claim 2 or claim 3, wherein the plurality of predetermined second factor values include at least one of a surge, an estimated time of arrival, a revenue, a profit, and a type of each service provider.

5. The server according to any one of claims 2 to 4, wherein the processor is configured to:

rank the initial list of service providers based on the plurality of predetermined first factor values; and

filter out a part of the initial list of service providers based on the rank of each service provider in the initial list of service providers, to produce a second list of service providers from the initial list of service providers.

6. The server according to claim 5, wherein the processor is configured to:

determine whether to filter out a part of the second list of service providers, based on a size of the second list of service providers;

if it is determined to filter out the part of the second list of service providers, filter out the part of the second list of service providers based on the predicted delivery experience value of each service provider in the second list of service providers, to produce the list of service providers from the second list of service providers.

7. The server according to claim 6, wherein the processor is configured to:

rank the second list of service providers based on the plurality of predetermined second factor values; and

produce the list of service providers from the second list of service providers based on the rank of each service provider in the second list of service providers.

8. The server according to claim 7, wherein if the size of the second list of service providers is same as or greater than a predetermined size, the processor is configured to determine to filter out the part of the second list of service providers based on the rank of each service provider in the second list of service providers, to produce the list of service providers.

9. A method for processing a request for a search for an on-demand service, the method comprising:

receiving the request for the search for the on-demand service from a computing device;

determining a distance from a location of the computing device based on a confirmed allocation rate of a plurality of requests for on-demand services received from a plurality of users, to produce an initial list of service providers within the distance;

predicting a delivery experience value of each service provider in the initial list of service providers;

producing a list of service providers from the initial list of service providers, based on a plurality of predetermined factor values of each service provider in the initial list of service providers, wherein the plurality of predetermined factor values include the predicted delivery experience value of each service provider in the initial list of service providers; and

providing the produced list of service providers as a search result to the computing device via the communication interface.

10. The method according to claim 9, wherein the plurality of predetermined factor values include a plurality of predetermined first factor values and a plurality of predetermined second factor values, and the plurality of predetermined first factor values and the plurality of predetermined second factor values are applied at different stages.

11. The method according to claim 10, wherein the plurality of predetermined first factor values include the predicted delivery experience value of each service provider in the initial list of service providers, and further include at least one of a revenue, a profit, a type, and a searching matching score of each service provider.

12. The method according to claim 10 or claim 11, wherein the plurality of predetermined second factor values include at least one of a surge, an estimated time of arrival, a revenue, a profit, and a type of each service provider.

13. The method according to any one of claims 10 to 12, further comprising:

ranking the initial list of service providers based on the plurality of predetermined first factor values; and

filtering out a part of the initial list of service providers based on the rank of each service provider in the initial list of service providers, to produce a second list of service providers from the initial list of service providers.

14. The method according to claim 13, further comprising:

determining whether to filter out a part of the second list of service providers, based on a size of the second list of service providers;

if it is determined to filter out the part of the second list of service providers, filtering out the part of the second list of service providers based on the predicted delivery experience value of each service provider in the second list of service providers, to produce the list of service providers from the second list of service providers.

15. The method according to claim 14, further comprising:

ranking the second list of service providers based on the plurality of predetermined second factor values; and

producing the list of service providers from the second list of service providers based on the rank of each service provider in the second list of service providers.