## SUMMARY

**[5]** According to a first aspect of the present disclosure, there is provided a method for recommending a lift for accessing a unit at a location, the method comprising: identifying, by a processor, location information from a database that corresponds with location information of a unit at a location indicated in a request; identifying, by the processor, a lift from the database that has been used to access a unit associated with the identified location information; and recommending, by the processor, a lift for accessing the unit at the location based on the identified lift; the method further comprising: calculating a coverage metric based on a total number of units with a recommended lift and a total number of units without a recommended lift; calculating an accuracy metric based on a total number of units with a recommended lift that is the same as a lift indicated by a user device associated with a corresponding request and a total number of units with a recommended lift; and determining whether to recommend the lift for accessing the unit at the location further based on the accuracy metric and the coverage metric.

**[6]** According to a second aspect of the present disclosure, there is provided a system for recommending a lift for accessing a unit at a location, comprising: at least one processor; and at least one memory including computer program code; the at least one memory and the computer program code configured to, with the at least one processor, cause the system at least to: identify location information from a database that corresponds with location information of a unit at a location indicated in a request; identify a lift from the database that has been used to access a unit associated with the identified location information; and recommend a lift for accessing the unit at the location based on the identified lift; the system further configured to: calculate a coverage metric based on a total number of units with a recommended lift and a total number of units without a recommended lift; calculate an accuracy metric based on a total number of units with a recommended lift that is the same as a lift indicated by a user device associated with a corresponding request and a total number of units with a recommended lift; and determine whether to recommend the lift for accessing the unit at the location further based on the accuracy metric and the coverage metric.

## BRIEF DESCRIPTION OF THE DRAWINGS

**[7]** Embodiments and implementations are provided by way of example only, and will be better understood and readily apparent to one of ordinary skill in the art from the following written description, read in conjunction with the drawings, in which:

**[8]** Fig. 1 illustrates a system for recommending a lift for accessing a unit at a location according to various embodiments of the present disclosure.

**[9]** Fig. 2 is a schematic diagram of a lift server, according to various embodiments of the present disclosure.

## CLAIMS

What is claimed is:

1. A method for recommending a lift for accessing a unit at a location, comprising:

identifying, by a processor, location information from a database that corresponds with location information of a unit at a location indicated in a request;

identifying, by the processor, a lift from the database that has been used to access a unit associated with the identified location information; and

recommending, by the processor, a lift for accessing the unit at the location based on the identified lift;

the method further comprising:

calculating a coverage metric based on a total number of units with a recommended lift and a total number of units without a recommended lift;

calculating an accuracy metric based on a total number of units with a recommended lift that is the same as a lift indicated by a user device associated with a corresponding request and a total number of units with a recommended lift; and

determining whether to recommend the lift for accessing the unit at the location further based on the accuracy metric and the coverage metric.

2. The method of claim 1, wherein recommending the lift further comprises:

recommending the identified lift for accessing the unit at the location lift when the identified location information comprises a same floor number or unit number as that of the location information indicated in the request.

3. The method of claim 1, wherein recommending the lift further comprises:

recommending the identified lift for accessing the unit at the location lift when the identified location information comprises a floor number or unit number that is part of a sequence with that of the location information indicated in the request.

4. The method of claim 1, wherein the location information of the unit comprises a floor number of the unit, and recommending the lift further comprises:

determining whether a floor number in the identified location information corresponds with the floor number of the unit; and

recommending the lift further based on the determination.

5. The method of claim 1, wherein the location information of the unit comprises a unit number of the unit, and recommending the lift further comprises:

determining whether a unit number in the identified location information corresponds with the unit number of the unit; and

recommending the lift further based on the determination.

6. The method of claim 1, further comprising:

determining a total number of times that the recommended lift does not correspond with a lift indicated by a user device associated with the request; and

disabling recommendation of a lift for accessing the unit based on the determination.

7. A system for recommending a lift for accessing a unit at a location, comprising:

at least one processor; and at least one memory including computer program code; the at least one memory and the computer program code configured to, with the at least one processor, cause the system at least to:

identify location information from a database that corresponds with location information of a unit at a location indicated in a request;

identify a lift from the database that has been used to access a unit associated with the identified location information; and

recommend a lift for accessing the unit at the location based on the identified lift;

the system further configured to:

calculate a coverage metric based on a total number of units with a recommended lift and a total number of units without a recommended lift;

calculate an accuracy metric based on a total number of units with a recommended lift that is the same as a lift indicated by a user device associated with a corresponding request and a total number of units with a recommended lift; and

determine whether to recommend the lift for accessing the unit at the location further based on the accuracy metric and the coverage metric.

8. The system of claim 7, wherein recommending the lift further comprises:

recommending the identified lift for accessing the unit at the location lift when the identified location information comprises a same floor number or unit number as that of the location information indicated in the request.

9. The system of claim 7, wherein recommending the lift further comprises:

recommending the identified lift for accessing the unit at the location lift when the identified location information comprises a floor number or unit number that is part of a sequence with that of the location information indicated in the request.

10. The system of claim 7, wherein the location information of the unit comprises a floor number of the unit, and recommending the lift further comprises:

determining whether a floor number in the identified location information corresponds with the floor number of the unit; and

recommending the lift further based on the determination.

11. The system of claim 7, wherein the location information of the unit comprises a unit number of the unit, and recommending the lift further comprises:

determining whether a unit number in the identified location information corresponds with the unit number of the unit; and

recommending the lift further based on the determination.

12. The system of claim 7, further configured to:

determine a total number of times that the recommended lift does not correspond with a lift indicated by a user device associated with the request; and

disable recommendation of a lift for accessing the unit based on the determination.