CLAIMS

[Claim 1] A method of determining a target order performed by a server, the method comprising:

receiving a terminal position and a target position from a wireless terminal of a rider performing delivery according to a delivery order, wherein the delivery order comprises a departure position of the delivery order and an arrival position of the delivery order;

determining the delivery order to be the target order for the target position based on a relationship of the departure position of the delivery order, the arrival position of the delivery order, the terminal position of the wireless terminal, and the target position of the wireless terminal;

wherein the determining the delivery order to be the target order further comprises:

when a distance between the target position and the terminal position is greater than a distance between the arrival position and the target position, determining the delivery order to be the target order; and

when a lineal distance between the arrival position of the delivery order and the target position is less than a lineal distance between the terminal position and the target position, but a time required for a route from the arrival position of the delivery order to the target position is greater than the time required for a route from the terminal position to the target position, determining the delivery order to not be the target order; and

transmitting the delivery order determined to be the target order to the wireless terminal.

[Claim 2] The method of claim 1, wherein

the determining the delivery order to be the target order comprises:

when the departure position of the delivery order is less than or equal to a pickup distance from the terminal position, determining the delivery order to be the target order for the target position based on a relationship of the departure position of the delivery order, the arrival position of the delivery order, the terminal position of the wireless terminal, and the target position of the wireless terminal.

[Claim 3] The method of claim 1, wherein

the determining the delivery order to be the target order further comprises:

when a distance between the target position and the departure position is greater

than a distance between the target position and the arrival position, determining the delivery order to be the target order.

[Claim 4] A method of determining a target order performed by a wireless terminal, the method comprising:

transmitting a target position preset for the wireless terminal to a server;

receiving target orders for the target position from the server, wherein the target orders comprise information on departure positions of the target orders and arrival positions of the target orders; and

displaying the departure positions of the target orders and the arrival positions of the target orders on a display of the wireless terminal, wherein

the target orders are determined based on a relationship of a terminal position of the wireless terminal, the departure positions of the target orders, the arrival positions of the target orders, and the target position,

wherein delivery orders are determined to be target orders when a distance between the arrival positions of the delivery orders and the target position is less than a distance between the target position and the terminal position; and

when a lineal distance between an arrival position of a delivery order and the target position is less than a lineal distance between the terminal position and the target position, but a time required for a route from the arrival position of the delivery order to the target position is greater than the time required for a route from the terminal position to the target position, the delivery order is determined to not be a target order.

[Claim 5] The method of claim 4, wherein

the displaying comprises generating a list of the target orders in an order in which the departure positions are close to the terminal position and displaying the list on the display.

[Claim 6] A method of determining a target order performed by a wireless terminal, the method comprising:

receiving a delivery order from a server, wherein the delivery order comprises information on a departure position of the delivery order and an arrival position of the delivery order;

identifying a target position preset for the wireless terminal;

determining the delivery order to be the target order based on a relationship of the

departure position of the delivery order, the arrival position of the delivery order, a terminal position of the wireless terminal, and the identified target position; and wherein

the determining the delivery order to be the target order comprises:

when a distance between the target position and the terminal position is greater than a distance between the arrival position and the target position, determining the delivery order to be the target order; and

when a lineal distance between the arrival position of the delivery order and the target position is less than a lineal distance between the terminal position and the target position, but a time required for a route from the arrival position of the delivery order to the target position is greater than the time required for a route from the terminal position to the target position, determining the delivery order to not be the target order; and

displaying the delivery order determined to be the target order on a display of the wireless terminal.

[Claim 7] The method of claim 6, wherein

the displaying comprises generating a list of target orders in an order in which the departure position is close to the terminal position and displaying the list on the display.

[Claim 8] The method of claim 6, wherein

the displaying further comprises displaying the departure position of each of target orders and the arrival position of each of the target orders on a map displaying the terminal position and the target position.

[Claim 9] The method of claim 6, wherein

the determining the delivery order to be the target order comprises:

when the departure position of the delivery order is less than or equal to a pickup distance from the terminal position, determining the delivery order to be the target order based on a relationship of the departure position of the delivery order, the arrival position of the delivery order, the terminal position of the delivery order, and the identified target position.

[Claim 10] The method of claim 6, wherein

the determining the delivery order to be the target order further comprises:

when a distance between the target position and the departure position is greater

than a distance between the target position and the arrival position, determining the delivery order to be the target order.

[Claim 11] A server configured to perform a method of determining a target order, the server comprising:

a processor, wherein the processor is configured to

receive a terminal position and a target position from a wireless terminal of a rider performing delivery according to a delivery order, determine the delivery order to be the target order for the target position based on a relationship of a departure position of the delivery order, an arrival position of the delivery order, the terminal position of the wireless terminal, and the target position of the wireless terminal, and transmit the delivery order determined to be the target order to the wireless terminal, wherein

the delivery order comprises information on the departure position of the delivery order and the arrival position of the delivery order, and wherein

the processor is further configured to:

when a distance between the target position and the terminal position is greater than a distance between the arrival position and the target position, determine the delivery order to be the target order, and

when a lineal distance between the arrival position of the delivery order and the target position is less than a lineal distance between the terminal position and the target position, but a time required for a route from the arrival position of the delivery order to the target position is greater than the time required for a route from the terminal position to the target position, determine the delivery order to not be the target order.

[Claim 12] A wireless terminal configured to perform a method of determining a target order, the wireless terminal comprising:

a processor, wherein the processor is configured to

transmit a target position preset for the wireless terminal to a server, and display a departure position of the target order and an arrival position of the target order on a display of the wireless terminal, wherein

the target order comprises receiving target orders for the target position from the server, wherein

the target orders comprise information on departure positions of the target orders and arrival positions of the target orders and is determined based on a relationship of a

terminal position of the wireless terminal, the departure position of the target order, the arrival position of the target order, and the target position, and wherein

when a distance between the target position and the terminal position is greater than a distance between an arrival position and the target position, the server determines a delivery order to be a target order among the target orders, and

when a lineal distance between an arrival position of a delivery order and the target position is less than a lineal distance between the terminal position and the target position, but a time required for a route from the arrival position of the delivery order to the target position is greater than the time required for a route from the terminal position to the target position, the server determines the delivery order to not be a target order among the target orders.

[Claim 13] The wireless terminal of claim 12, wherein

the processor is further configured to generate a list of target orders in an order in which the departure position is close to the terminal position and displaying the list on the display.

[Claim 14] A wireless terminal configured to perform a method of determining a target order, the wireless terminal comprising:

a processor, wherein the processor is configured to

receive a delivery order from a server, identify a target position preset for the wireless terminal, determine the delivery order to be the target order based on a relationship of a departure position of the delivery order, an arrival position of the delivery order, a terminal position of the wireless terminal, and the identified target position, and display the delivery order determined to be the target order on a display of the wireless terminal, wherein

the delivery order comprises information on the departure position of the delivery order and the arrival position of the delivery order, , and wherein

the processor is further configured to:

when a distance between the target position and the terminal position is greater than a distance between the arrival position and the target position, determine the delivery order to be the target order, and

when a lineal distance between the arrival position of the delivery order and the target position is less than a lineal distance between the terminal position and the target position, but a time required for a route from the arrival position of the delivery order to the

target position is greater than the time required for a route from the terminal position to the target position, determine the delivery order to not be the target order.

[Claim 15] The wireless terminal of claim 14, wherein

the processor is further configured to generate a list of target orders in an order in which the departure position is close to the terminal position and displaying the list on the display.

[Claim 16] The wireless terminal of claim 14, wherein

the processor is further configured to display the departure position of each of target orders and the arrival position of each of the target orders on a map displaying the terminal position and the target position.

[Claim 17] The wireless terminal of claim 14, wherein

the processor is further configured to, when a distance between the target position and the arrival position is greater than a distance between the target position and the arrival position, determine the delivery order to be the target order.