

THE FOLLOWING IS CLAIMED:

1. A method for executing a multi-restaurant order, the method comprising:
 - receiving the multi-restaurant order, by a delivery organizer from a software interface, wherein the delivery organizer is a software application executing on a computer, the multi-restaurant order comprising a plurality of order items associated with a plurality of restaurants from at least one customer;
 - retrieving, by the delivery organizer, the following information associated with a first order item, of the plurality of order items, the first order item being associated with a first restaurant:
 - a first preparation time information, and
 - a first order temperature information;
 - retrieving, by the delivery organizer, the following information associated with a second order item, of the plurality of order items, the second order item being associated with a second restaurant:
 - a second preparation time information, and
 - a second order temperature information;
 - scheduling pickup times, by the delivery organizer, for at least one delivery provider to pick up the first order item and the second order item based on the following:
 - geolocation data of the first restaurant and the second restaurant,
 - comparing a target temperature of at least one of the first order item and the second order item with at least one of the following:
 - the first order temperature information, and
 - the second order temperature information, and
 - a target delivery time for the multi-restaurant order;
 - scheduling, based on order data, a first time to begin preparation of the first order item and a second time to begin preparation of the second order item;
 - transmitting, by the delivery organizer, the scheduled first time to begin preparation to the first restaurant;
 - transmitting, by the delivery organizer, the scheduled second time to begin preparation to the second restaurant;
 - transmitting, by the delivery organizer, the pickup times to the at least one delivery provider;

monitoring, by the delivery organizer, preparation times associated with the first order item and the second order item at their respective restaurants to detect one or more delays; and

transmitting, by the delivery organizer, based on the monitoring, a notification to one or more delivery providers to adjust one or more of the pickup times.

2. The method of claim 1, wherein transmitting the pickup times to the at least one delivery provider comprises transmitting the pickup times to a plurality of delivery drivers.

3. The method of claim 1, further comprising assigning at least one additional delivery provider in order to deliver the first order item and the second order item within the target delivery time.

4. The method of claim 1, further comprising assigning at least one prerequisite item relating to the multi-restaurant order, the at least one prerequisite item comprising at least one of the following:

- at least one thermal container;
- at least one chafing apparatus; and
- at least one cooler.

5. The method of claim 1, wherein receiving the multi-restaurant order further comprises receiving at least one of the following:

- at least one delivery address;
- payment information of the at least one customer;
- contact information of the at least one customer;
- the target delivery time; and
- desired service options.

6. The method of claim 1, further comprising receiving a completion indicator upon a completed delivery from the at least one delivery provider to a customer of the multi-restaurant order.

7. The method of claim 6, further comprising transmitting payment from the customer to at least one of the following based on the completion indicator:

- the first restaurant;
- the second restaurant; and
- the at least one delivery provider.

8. The method of claim 1, further comprising: receiving an indication from the first restaurant as to a delay in the first preparation time associated with the first order item.

9. The method of claim 1, further comprising: recalculating and adjusting the second time to begin preparation of the second order item.

10. The method of claim 1, further comprising at least one of the following:
modifying, upon a modification request of the first restaurant, the first preparation time information associated with preparing the first order item; and
modifying, upon a modification request of the second restaurant, the second preparation time information associated with preparing the second order item.

11. A multi-restaurant order execution system comprising:
a memory storage; and
a processing unit coupled to the memory storage, the processing unit being configured to perform the following:

- receive a multi-restaurant order, by a delivery organizer from a software interface, wherein the delivery organizer is a software application executing on a computer, the multi-restaurant order comprising a plurality of order items associated with a plurality of restaurants from at least one customer,

- retrieve, by the delivery organizer, the following information associated with a first order item, of the plurality of order items, the first order item being associated with a first restaurant:

- a first preparation time information, and
 - a first order temperature information,

retrieve, by the delivery organizer, the following information associated with a second order item, of the plurality of order items, the second order item being associated with a second restaurant:

a second preparation time information, and

a second order temperature information,

schedule pickup times, by the delivery organizer, for at least one delivery provider to pick up the first order item and the second order item based on the following:

geolocation data of the first restaurant and the second restaurant,

a comparison of a target temperature of at least one of the first order item and the second order item with at least one of the following:

the first order temperature information, and

the second order temperature information, and

a target delivery time for the multi-restaurant order,

schedule, based on order data, a first time to begin preparation of the first order item and a second time to begin preparation of the second order item,

transmit, by the delivery organizer, the scheduled first time to begin preparation to the first restaurant,

transmit, by the delivery organizer, the scheduled second time to begin preparation to the second restaurant,

transmit, by the delivery organizer, the pickup times to the at least one delivery provider,

monitor, by the delivery organizer, preparation times associated with the first order item and the second order item at their respective restaurants to detect one or more delays, and

transmit, by the delivery organizer, a notification to one or more delivery providers to adjust one or more of the pickup times.

12. The system of claim 11, wherein the one or more delivery providers comprises at least one of the following:

a robot;

a drone; and

a driverless vehicle.

13. The system of claim 11, wherein the first preparation time information comprises a time associated with preparing the first order item associated with the first restaurant.

14. The system of claim 11, further configured to assign at least one prerequisite item relating to the multi-restaurant order, the at least one prerequisite item comprising at least one of the following:

- at least one thermal container;
- at least one chafing apparatus; and
- at least one cooler.

15. The system of claim 11, wherein receiving the multi-restaurant order further comprises receiving at least one of the following:

- at least one delivery address;
- payment information of the at least one customer;
- contact information of the at least one customer; and
- desired service options.

16. The system of claim 11, further configured to receive a completion indicator upon a completed delivery from the one or more delivery providers to the at least one customer of the multi-restaurant order.

17. The system of claim 16, further configured to transmit payment from the at least one customer to at least one of the following based on the completion indicator:

- the first restaurant;
- the second restaurant; and
- the at least one delivery provider.

18. The system of claim 11, further configured to receive an indication from the first restaurant as to a delay in the first time to begin preparation of the first order item.

19. The system of claim 11, further configured to recalculate and adjust the second time to begin preparation of the second order item.

20. A non-transitory computer readable medium comprising a set of instructions which, when executed by a computer, perform a method, the method comprising:

- receiving a multi-restaurant order, by a delivery organizer from a software interface, wherein the delivery organizer is a software application executing on the computer, the multi-restaurant order comprising a plurality of order items associated with a plurality of restaurants from at least one customer;

- retrieving, by the delivery organizer, the following information associated with a first order item, of the plurality of order items, the first order item being associated with a first restaurant:

 - a first preparation time information, and
 - a first order temperature information;

- retrieving, by the delivery organizer, the following information associated with a second order item, of the plurality of order items, the second order item being associated with a second restaurant:

 - a second preparation time information, and
 - a second order temperature information;

- scheduling pickup times, by the delivery organizer, for at least one delivery provider to pick up the first order item and the second order item based on the following:

 - geolocation data of the first restaurant and the second restaurant,
 - comparing a target temperature of at least one of the first order item and

 - the second order item with at least one of the following:

 - the first order temperature information, and
 - the second order temperature information, and
 - a target delivery time for the multi-restaurant order;

- scheduling, based on order data, a first time to begin preparation of the first order item and a second time to begin preparation of the second order item;

- transmitting, by the delivery organizer, the scheduled first time to begin preparation to the first restaurant;

transmitting, by the delivery organizer, the scheduled second time to begin preparation to the second restaurant;

transmitting, by the delivery organizer, the pickup times to the at least one delivery provider;

monitoring, by the delivery organizer, preparation times associated with the first order item and the second order item at their respective restaurants to detect one or more delays; and

transmitting, by the delivery organizer, based on the monitoring, a notification to one or more delivery providers to adjust one or more of the pickup times.