What is claimed is:

1. A computer-implemented method for providing transportation service, comprising:

receiving a first transportation service request from a user terminal device;

determining, by a processor, an estimated time for the first transportation service request to be fulfilled;

determining, by the processor, a hypothetical time for the first transportation service request to be fulfilled if switching to a carpool request;

providing, to the user terminal device, a recommendation to switch to the carpool request when the hypothetical time is less than the estimated time; and

providing a carpool service to fulfill the first transportation service request when an acceptance of the recommendation is received from the user terminal device.

2. The method of claim 1, wherein the determining the estimated time further comprises:

placing the first transportation service request in a queue; and

determining the estimated time based on a position of the first transportation service request in the queue.

3. The method of claim 1 or 2, wherein the estimated time includes an estimated wait time for the first transportation service request to be processed or an estimated trip time for fulfilling the first transportation service request.

4. The method of claim 2, wherein the determining the hypothetical time further comprises:

matching the first transportation service request with a second transportation service request in the queue for a carpool service; and

determining the hypothetical time based on a position of the second transportation service request in the queue.

5. The method of claim 4, wherein the hypothetical time includes an estimated wait time for the second transportation service request to be processed or an estimated trip time for fulfilling the second transportation service request using the carpool service.

6. The method of claim 4, wherein the matching the first transportation service request with the second transportation service request further comprises:

matching the first transportation service request with the second transportation service request, when the difference between the estimated time for the first transportation service request to be fulfilled and the hypothetical time based on the position of the second transportation service request in the queue is no greater than a pre-determined value.

7. The method of claim 4, wherein the matching the first transportation service request with the second transportation service request further comprises:

determining a current capacity; and

matching the first transportation service request with the second transportation service request, when a number of passengers of the second transportation service request is no greater than the current capacity.

8. The method of claim 4, wherein the matching the first transportation service request with the second transportation service request further comprises:

determining an estimated route based on the first transportation service request;

determining a hypothetical route based on the first transportation service request to be fulfilled if switching to the carpool request;

determining a similarity between the estimated route and the hypothetical route; and

matching the first transportation service request with the second transportation service request, when the similarity is greater than a pre-determined value.

9. A system for providing transportation service, comprising:

a memory;

a communication interface, configured to:

receive a first transportation service request from a user terminal device; and

at least one processor coupled to the communication interface and the memory, configured to:

determine an estimated time for the first transportation service request to be fulfilled,

determine a hypothetical time for the first transportation service request to be fulfilled if switching to a carpool request,

provide, to the user terminal device, a recommendation to switch to the carpool request when the hypothetical time is less than the estimated time, and

provide a carpool service to fulfill the first transportation service request when an acceptance of the recommendation is received from the user terminal device.

10. The system of claim 9, wherein the at least one processor is further configured to:

place the first transportation service request in a queue; and

determine the estimated time based on a position of the first transportation service request in the queue.

11. The system of claim 10, wherein the at least one processor is further configured to:

match the first transportation service request with a second transportation service request in the queue for a carpool service; and

determine the hypothetical time based on a position of the second transportation service request in the queue.

12. The system of claim 11, wherein the at least one processor is further configured to:

match the first transportation service request with the second transportation service request, when a difference between the estimated time for the first transportation service request to be fulfilled and the hypothetical time determined based on the position of the second transportation service request in the queue is no greater than a pre-determined value.

13. The system of claim 11, wherein the at least one processor is further configured to:

determine a current capacity; and

match the first transportation service request with the second transportation service request, when a number of passengers of the second transportation service request is no greater than the current capacity.

14. The system of claim 11, wherein the at least one processor is further configured to:

determine an estimated route based on the first transportation service request;

determine a hypothetical route based on the first transportation service request to be fulfilled if switching to the carpool request;

determine a similarity between the estimated route and the hypothetical route; and

match the first transportation service request with the second transportation service request, when the similarity is greater than a pre-determined value.

15. A non-transitory computer readable medium storing instructions that, when executed, cause at least one processor to perform a method for providing transportation service, the method comprising:

receiving a first transportation service request from a user terminal device;

determining, by the at least one processor, an estimated time for the first transportation service request to be fulfilled;

determining, by the at least one processor, a hypothetical time for the first transportation service request to be fulfilled if switching to a carpool request;

providing, to the user terminal device, a recommendation to switch to the carpool request when the hypothetical time is less than the estimated time; and

providing a carpool service to fulfill the first transportation service request when an acceptance of the recommendation is received from the user terminal device.

16. The non-transitory computer readable medium of claim 15, wherein the determining the estimated time further comprises:

placing the first transportation service request in a queue; and

determining the estimated time based on a position of the first transportation service request in the queue.

17. The non-transitory computer readable medium of claim 16, wherein the determining the hypothetical time further comprises:

matching the first transportation service request with a second transportation service request in the queue for a carpool service; and

determining the hypothetical time based on a position of the second transportation service request in the queue.

18. The non-transitory computer readable medium of claim 17, wherein the matching the first transportation service request with the second transportation service request further comprises:

matching the first transportation service request with the second transportation service request, when a difference between the estimated time for the first transportation service request to be fulfilled and the hypothetical time determined based on the position of the second transportation service request in the queue is no greater than a pre-determined value.

19. The non-transitory computer readable medium of claim 17, wherein the

matching the first transportation service request with the second transportation service request further comprises:

determining a current capacity; and

matching the first transportation service request with the second transportation service request, when a number of passengers of the second transportation service request is no greater than the current capacity.

20. The non-transitory computer readable medium of claim 17, wherein the matching the first transportation service request with the second transportation service request further comprises:

determining an estimated route based on the first transportation service request;

determining a hypothetical route based on the first transportation service request to be fulfilled if switching to the carpool request;

determining a similarity between the estimated route and the hypothetical route; and

matching the first transportation service request with the second transportation service request, when the similarity is greater than a pre-determined value.