WHAT IS CLAIMED IS:

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

receiving a passenger position from a terminal device;

receiving a vehicle position from a vehicle, the vehicle being matched to provide the transportation service to the passenger;

determining, by a processor, pick-up locations for the vehicle to pick up the passenger;

providing the terminal device with the pick-up locations;

receiving, from the terminal device, a selected pick-up location; and

navigating the vehicle and the passenger according to the selected pick-up location.

2. The method of claim 1, wherein determining pick-up locations includes:

determining real-time traffic information based on the passenger position and the vehicle position; and

determining the pick-up locations based on the real-time traffic information.

3. The method of claim 1, wherein each pick-up location is one of the passenger position, the vehicle position, and a location between the passenger position and the vehicle position.

4. The method of claim 1, further comprising:

receiving a threshold distance from the terminal device;

determining distances between the passenger position and the pick-up

locations; and

removing the pick-up options associated with distances larger than the threshold distance.

5. The method of claim 1, further comprising:

determining estimated walking times for the passenger to walk from the passenger position to the pick-up locations; and

determining estimated driving times for the vehicle to drive from the vehicle position to the pick-up locations.

6. The method of claim 5, further comprising:

receiving a threshold time from the terminal device; and

removing the pick-up locations having the estimated walking times or the estimated driving times larger than the threshold time.

7. The method of claim 1, wherein navigating the vehicle and the passenger includes:

providing a pedestrian route to the terminal device for navigating the passenger from the passenger position to the selected pick-up location; and

providing a driving route to the vehicle for navigating the vehicle from the vehicle position to the selected pick-up location.

8. A system for providing a transportation service to a passenger, comprising:

a communication interface configured to:

receive a passenger position from a terminal device; and

receive a vehicle position from a vehicle, the vehicle being matched to

provide the transportation service to the passenger;

at least one memory; and

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

determine pick-up locations for the vehicle to pick up the passenger;

provide the terminal device with the pick-up locations;

receive, from the terminal device, a selected pick-up location; and

navigate the vehicle and the passenger according to the selected pick-up location.

9. The system of claim 8, wherein the at least one processor is further configured to:

determine real-time traffic information based on the passenger position and the vehicle position; and

determine the pick-up locations based on the real-time traffic information.

10. The system of claim 8, wherein each pick-up location is one of the passenger position, the vehicle position, and a location between the passenger position and the vehicle position.

11. The system of claim 8, wherein the at least one processor is further configured to:

receive a threshold distance from the terminal device;

determine distances between the passenger position and the pick-up locations; and

remove the pick-up options associated with distances larger than the threshold distance.

12. The system of claim 8, wherein the at least one processor is further configured to:

determine estimated walking times for the passenger to walk from the passenger position to the pick-up locations; and

determine estimated driving times for the vehicle to drive from the vehicle position to the pick-up locations.

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

receive a threshold time from the terminal device; and

remove the pick-up locations having the estimated walking times or the estimated driving times larger than the threshold time.

14. The system of claim 8, wherein to navigate the vehicle and the passenger, the at least one processor is further directed to:

provide a pedestrian route to the terminal device for navigating the passenger from the passenger position to the selected pick-up location; and

provide a driving route to the vehicle for navigating the vehicle from the vehicle position to the selected pick-up location.

15. A non-transitory computer-readable medium that stores a set of instructions, when executed by at least one processor of an electronic device, cause the electronic device to perform a method for providing a transport service to a passenger, the method comprising:

receiving a passenger position from a terminal device;

receiving a vehicle position from a vehicle, the vehicle being matched to

provide the transportation service to the passenger;

determining pick-up locations for the vehicle to pick up the passenger;

providing the terminal device with the pick-up locations;

receiving a selected pick-up location; and

navigating the vehicle and the passenger according to the selected pick-up location.

16. The non-transitory computer-readable medium of claim 15, wherein determining pick-up locations further includes:

determining real-time traffic information based on the passenger position and the vehicle position; and

determining the pick-up locations based on the real-time traffic information.

17. The non-transitory computer-readable medium of claim 15, wherein the non-transitory computer-readable medium causes the electronic device to perform the method for providing a transport service to a passenger, the method further comprising:

receiving a threshold distance from the terminal device;

determining distances between the passenger position and the pick-up locations; and

removing the pick-up options associated with distances larger than the threshold distance.

18. The non-transitory computer-readable medium of claim 15, wherein the non-transitory computer-readable medium causes the electronic device to perform the method for providing a transport service to a passenger, the method

further comprising:

determining estimated walking times for the passenger to walk from the passenger position to the pick-up locations; and

determining estimated driving times for the vehicle to drive from the vehicle position to the pick-up locations.

19. The non-transitory computer-readable medium of claim 18, wherein the non-transitory computer-readable medium causes the electronic device to perform the method for providing a transport service to a passenger, the method further comprising:

receiving a threshold time from the terminal device; and

removing the pick-up locations having the estimated walking times or the estimated driving times larger than the threshold time.

20. The non-transitory computer-readable medium of claim 15, wherein the non-transitory computer-readable medium causes the electronic device to perform the method for providing a transport service to a passenger, the method further comprising:

providing a pedestrian route to the terminal device for navigating the passenger from the passenger position to the selected pick-up location; and

providing a driving route to the vehicle for navigating the vehicle from the vehicle position to the selected pick-up location.