ABSTRACT

A computer-implemented method for providing transportation service is described. The method can include receiving a first transportation service request from a user terminal device. The method can further include determining, by a processor, an estimated time for the first transportation service request to be fulfilled. The method can also include determining, by the processor, a hypothetical time for the first transportation service request to be fulfilled if switching to a carpool request. The method can also include providing, to the user terminal device, a recommendation to switch to the carpool request when the hypothetical time is less than the estimated time. The method can also include providing a carpool service to fulfill the first transportation service request when an acceptance of the recommendation is received from the user terminal device.

(Fig. 2)