System and Method for Multiple-Round Driver Selection

Abstract

A method for multiple-round driver selection performed by a computing system, the method including receiving a service request from a user device; identifying a plurality of driver candidates based in part on the service request, such that each of the plurality of driver candidates has driver data; for each of the plurality of driver candidates, generating a score based on the driver data; grouping the plurality of driver candidates into a plurality of candidate groups based in part on the score of each of the plurality of driver candidates; iteratively transmitting a job request to each candidate group of the plurality of candidate groups until one or more job acceptance is received in response to the job request, such that the job request is transmitted to all drivers in each candidate group; selecting one of the one or more job acceptances; and assigning the service request to the driver associated with the selected one of the one or more job acceptances.

[Figure 2]