Ridesharing Lifecycle Risk Management

Abstract

Systems and methods for ridesharing risk management by determining a passenger risk score based on passenger's records in the database; determining a driver risk score for each driver in a set of candidate drivers. Determining a pre-ride risk score for each driver based on the driver risk score, the passenger risk score and one or more ride request conditions. Designating a driver from the set of candidate drivers with a pre-ride risk score below a first predefined threshold. Periodically receiving signals from the passenger's computing device or the designated driver's computing device on commencement of the ride and evaluating an in-transit risk score associated with ride based on conformity of the received signals with an expected ride plan.

Figure 1