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(54) Title: METHOD OF PREDICTING FARE AND FARE PREDICTION DATA SYSTEM

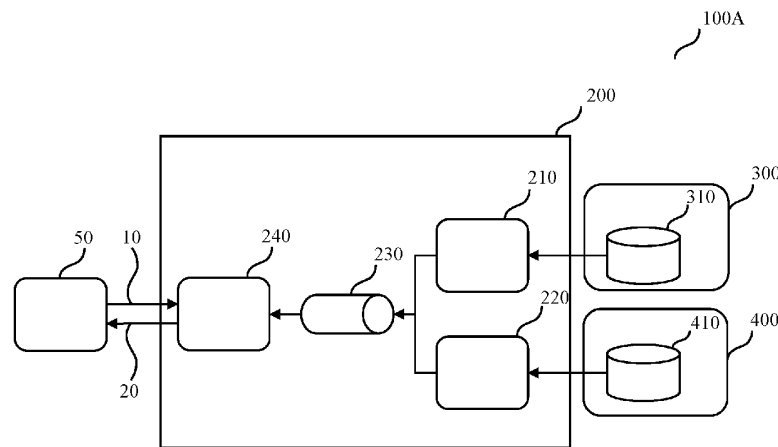


FIG. 1A

(57) Abstract: An aspect of the disclosure relates to a fare prediction data system and a method of predicting fare for transportation services, the method including: receiving, at a server, from a digital device, a request including a service time; calculating a predicted fare at the server; and sending the predicted fare from the server to the digital device. Calculating the predicted fare uses the service time, a long term surge prediction and a short term surge prediction as input in a fare estimator. The long term surge prediction may be calculated using a long term surge predictor (LTSP) and the short term surge prediction may be calculated using a short term surge predictor (STSP). The LTSP uses historical data, and the STSP uses the historical data and recent data which may be more recent than the historical data. Other aspects related to surge prediction systems, methods, and computer products including instructions for carrying out the any of the methods.

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