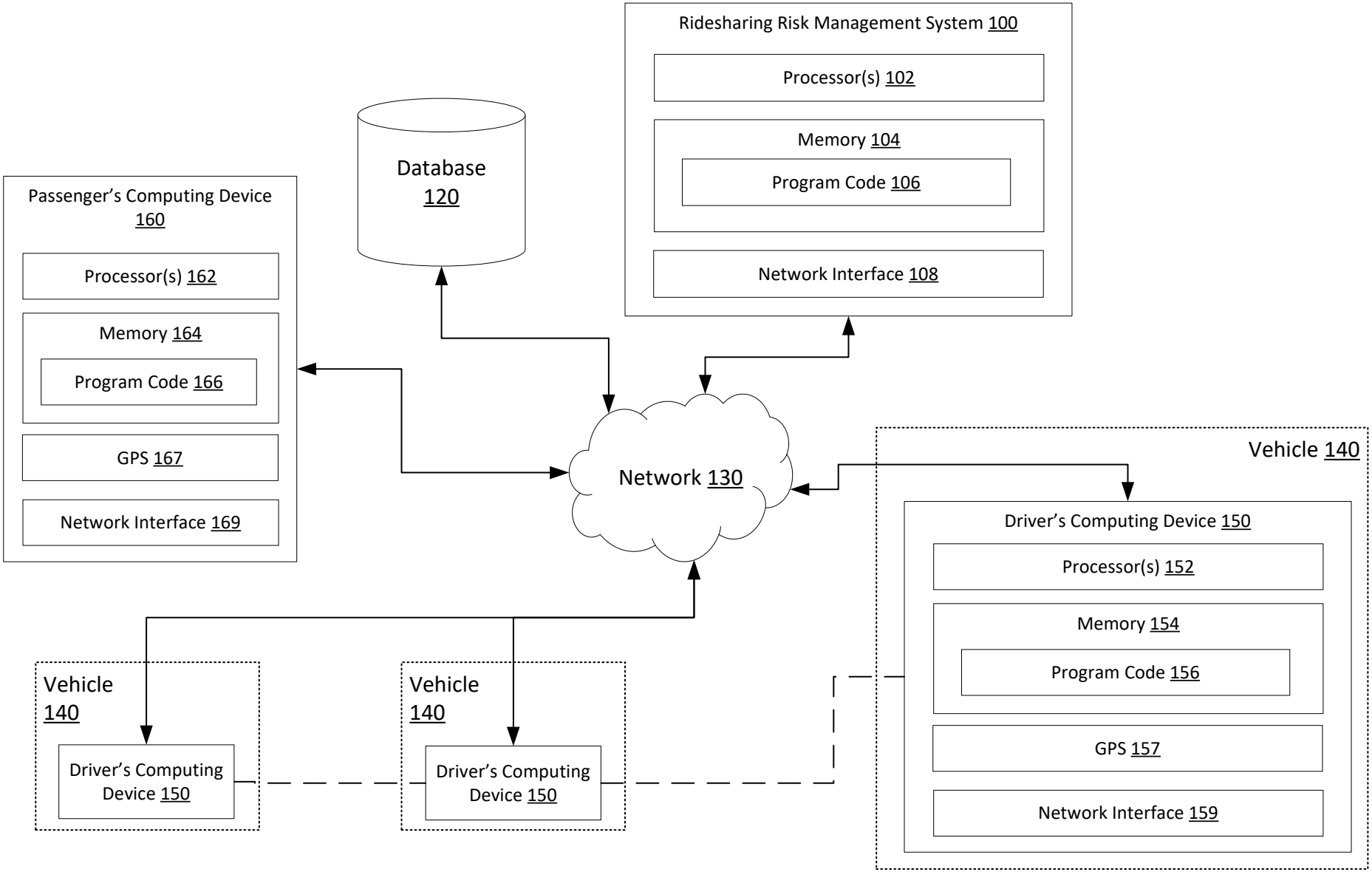

Ridesharing Risk Management System 100
Processor(s) 102
Memory 104
Program Code 106
Network Interface 108
Database 120
Passenger's Computing Device 160
Processor(s) 162
Memory 164
Program Code 166
GPS 167
Network Interface 169
Network 130
Vehicle 140
Driver's Computing Device 150
Processor(s) 152
Memory 154
Program Code 156
GPS 157
Network Interface 159
Vehicle 140
Driver's Computing Device 150
Vehicle 140
Driver's Computing Device 150

Figure 1

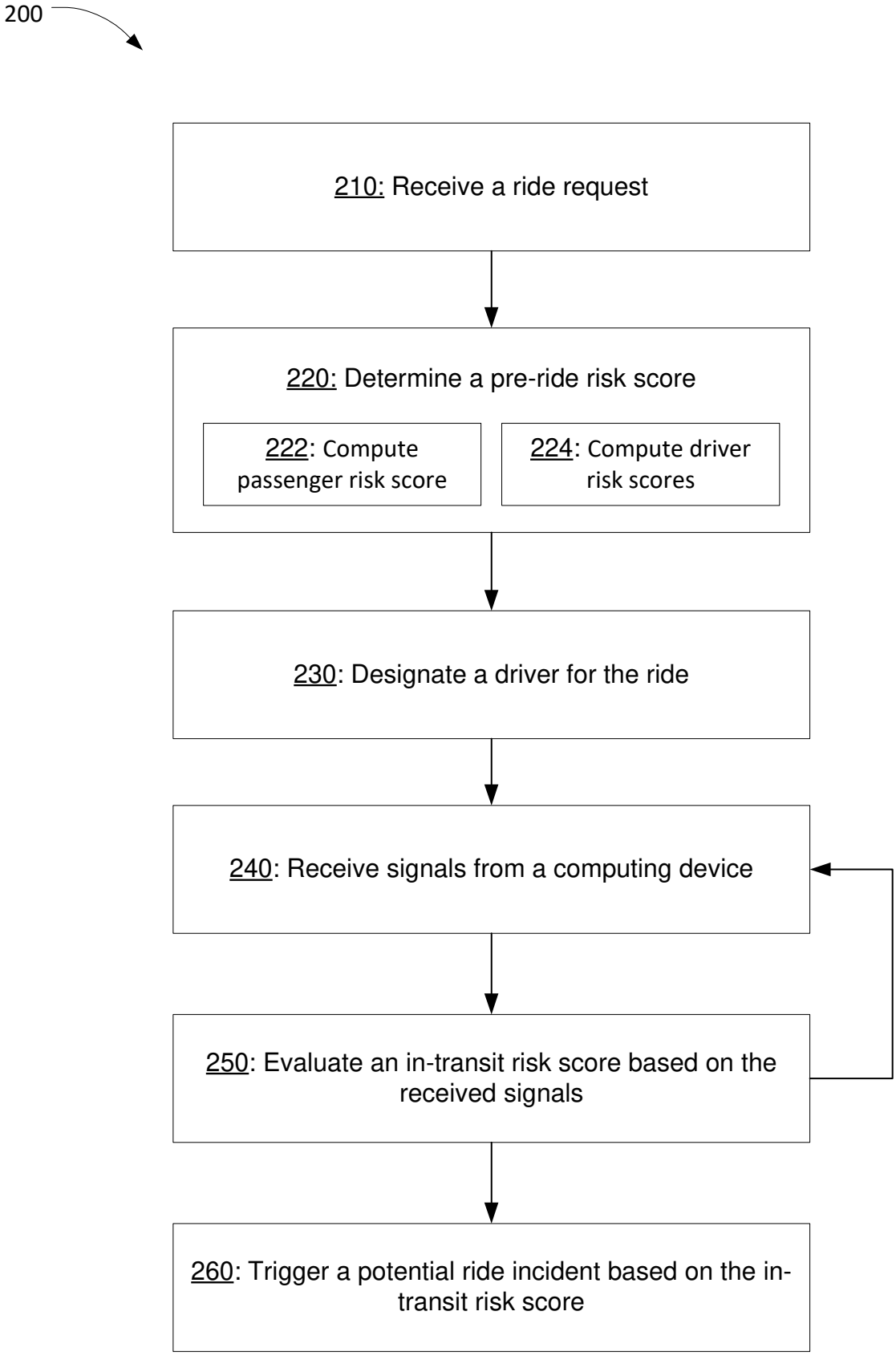

200
210: Receive a ride request
220: Determine a pre-ride risk score
222: Compute passenger risk score
224: Compute driver risk scores
230: Designate a driver for the ride
240: Receive signals from a computing device
250: Evaluate an in-transit risk score based on the received signals
260: Trigger a potential ride incident based on the in-transit risk score

Figure 2

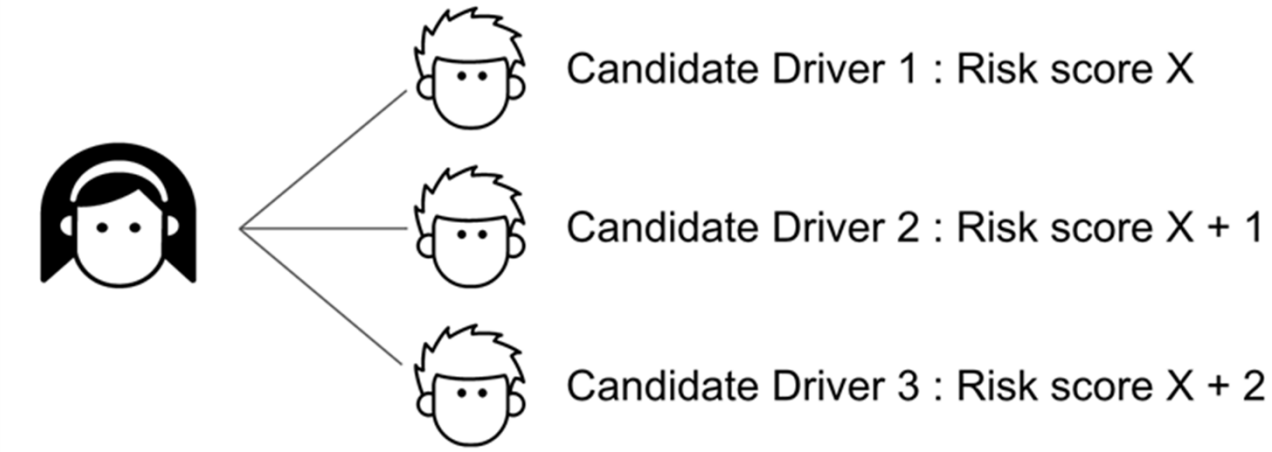


Figure 3

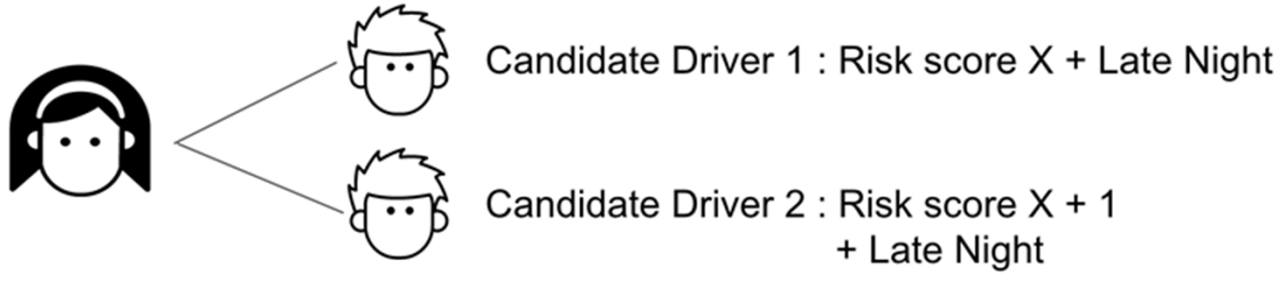


Figure 4