

System and method to monitor trip and detect unsafe events**ABSTRACT**

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The present invention relates generally to a system and method to monitor trip and detect unsafe events. According to a first aspect, the present disclosure refers to a method for monitoring movement of a vehicle during a ride based on a mobile device associated with the vehicle, comprising: detecting an unusual movement of the vehicle during the monitoring, the
10 unusual movement comprising at least one of a change in speed, route or arrival time of the vehicle; determining an overall risk level based on the unusual movement; triggering a response based on the overall risk level, the response including a request to confirm a status of an occupant of the vehicle; and triggering a followup response based on the status of the occupant.

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Fig. 3