

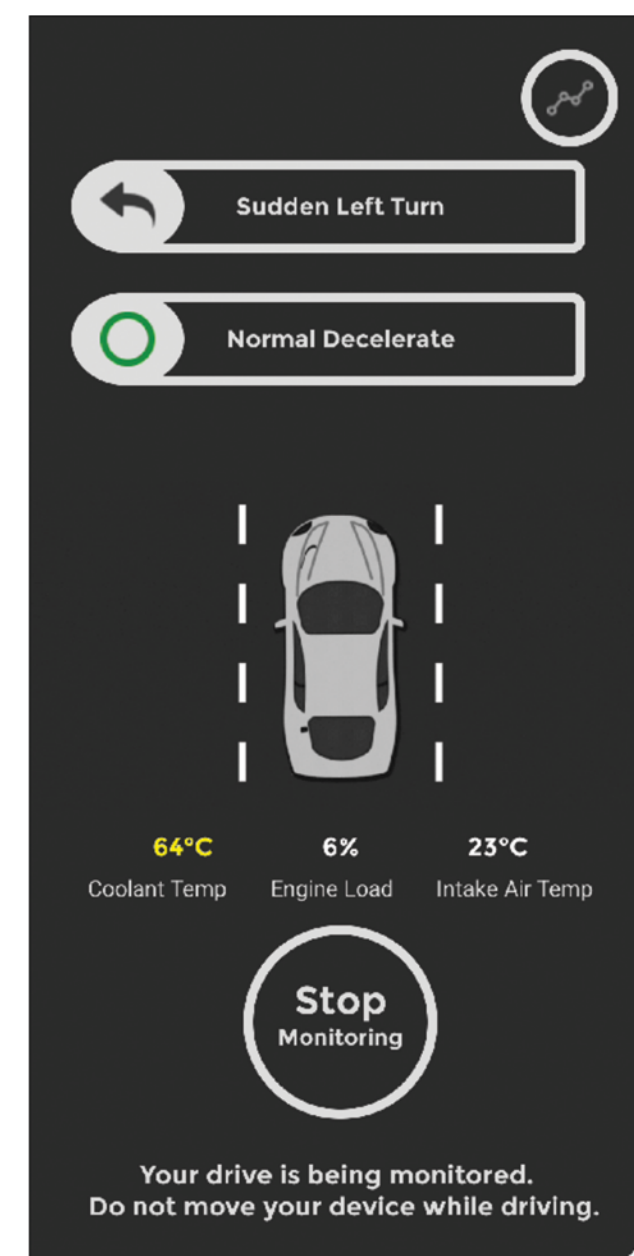
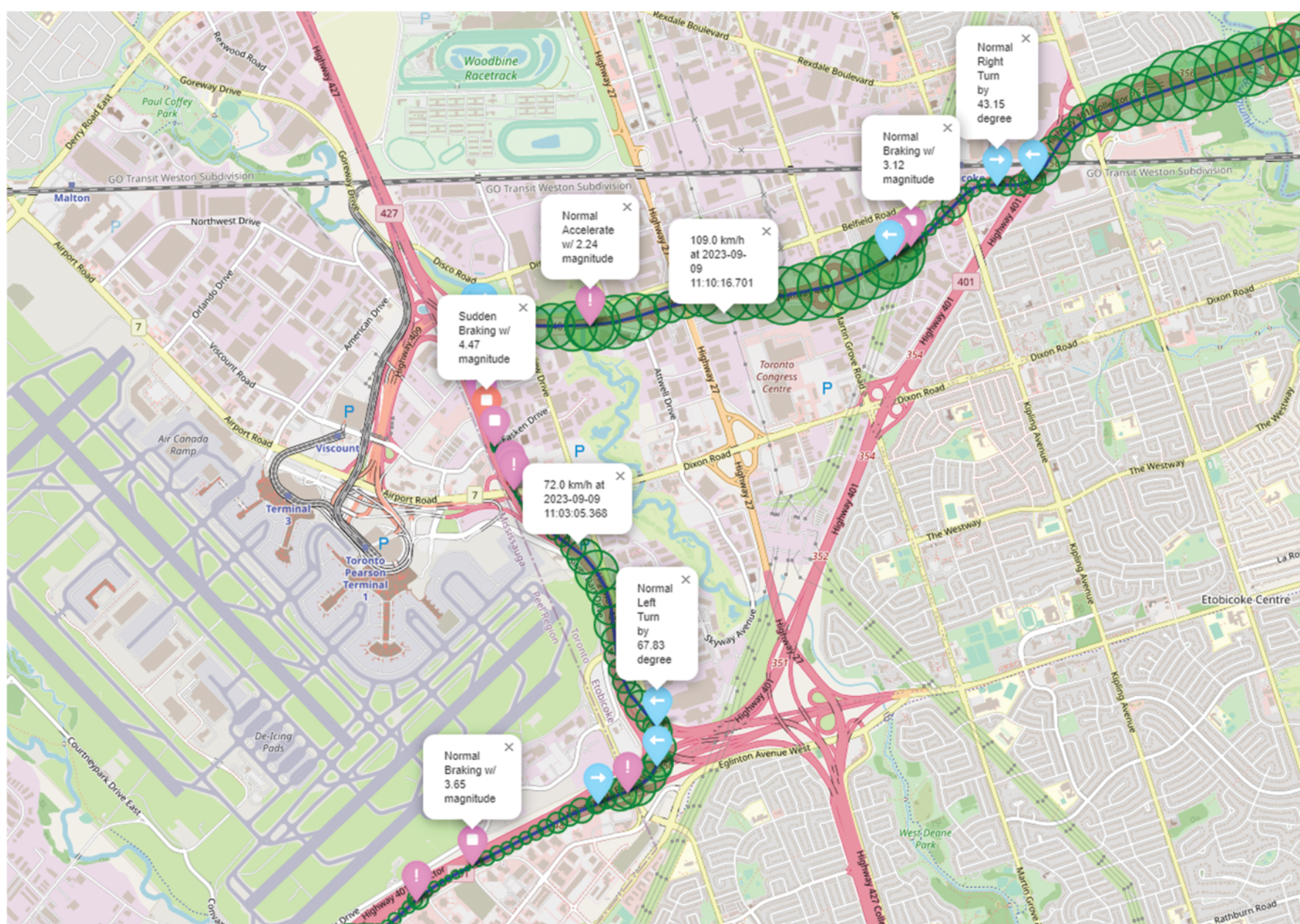
## Driver Behavior Analysis Using Sensor Data On Android Devices

Software solution capable of collecting and analyzing sensor data from android devices and reporting road safety and driving behavior metrics for moving vehicles

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### PROJECT SUMMARY

The mobility of fleets is an important aspect of operations for some mission-critical services that utilize SOTI's flagship product, MobiControl. SOTI MobiControl is the Enterprise Mobility Management (EMM) solution that provides clients with visibility and control over their business-critical mobile devices—knowing their location, activities, performance, and potential security or compliance risks.

The objective of this project is to develop a comprehensive Android-based application capable of collecting and analyzing sensor data from Android devices. It will report specific metrics related to road safety and driving behaviors of moving vehicles. This includes the identification and quantification of abnormal driving events, such as abrupt turns, sudden accelerations, and harsh braking. These reports can then be used for immediate action in case of emergencies or for collecting statistical data over an extended period to assess general driving behavior.

