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Summary: A Mobile App for Intelligent Transport Systems with Vehicle Communications Integration. A monitoring system for the road infrastructure equipped with ITS technology, capable of identifying risky driving conditions.

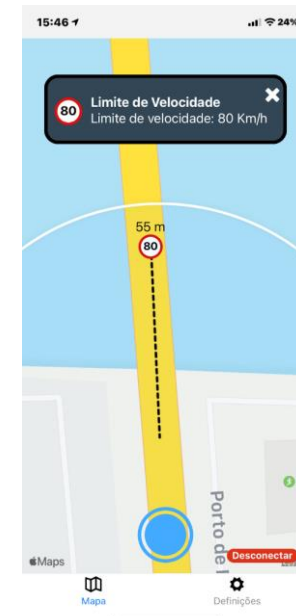
Work done / results

Cooperative, Connected and Automated Mobility

- CCAM messages:
 - CPM
 - CAM
 - DENM
 - VAM
 - IVIM
 - HDMAP
- SVSM, a new message
- Light Sensor Expo contribution



CPM and CAM



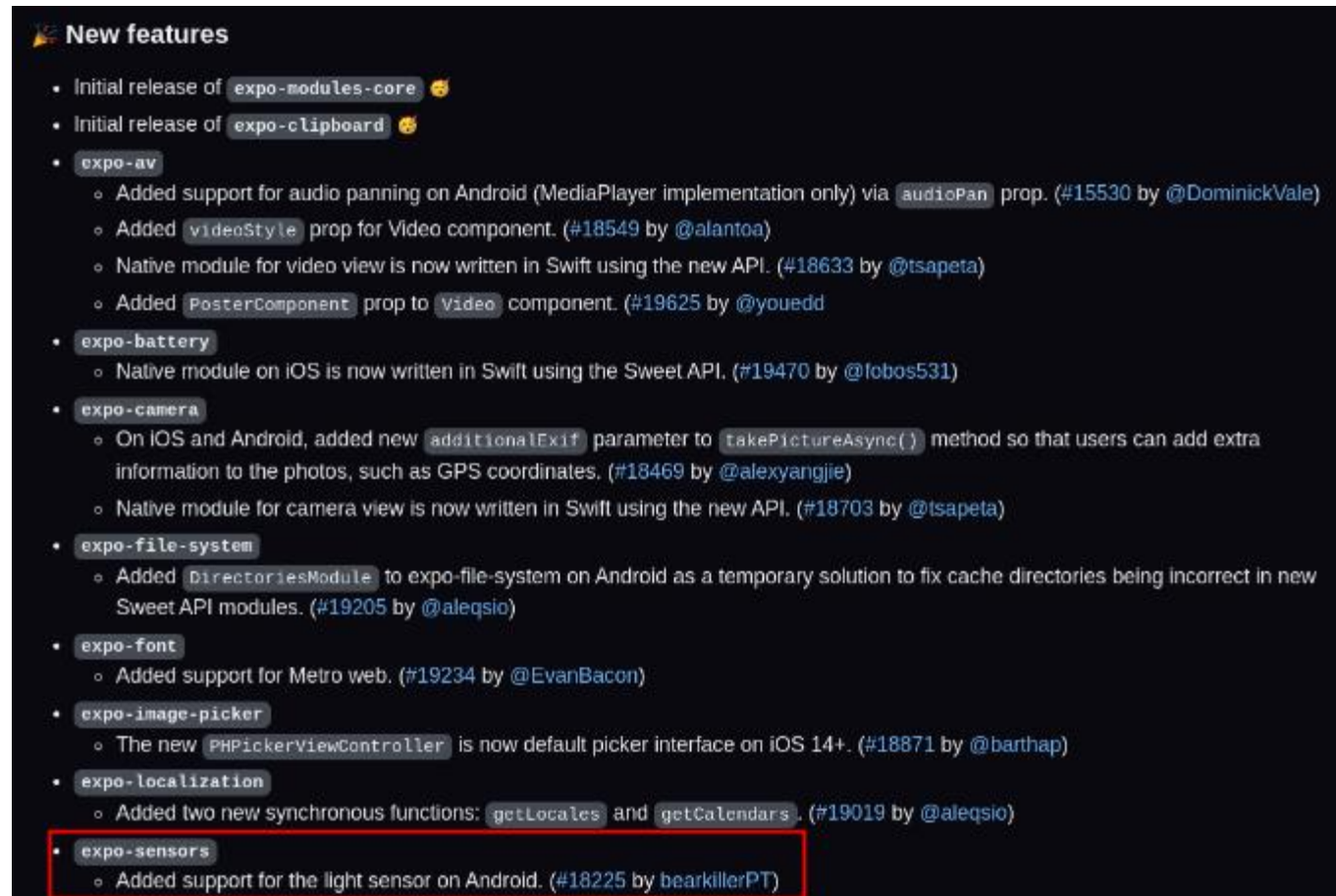
IVIM



HDMAP

Work done / results

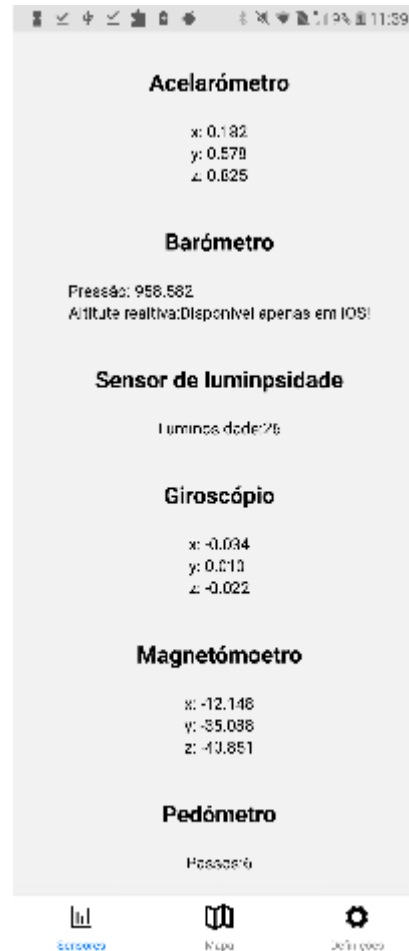
- Expo SDK 47 beta 1 released!



Work done / results

- Sensor dedicated screen!

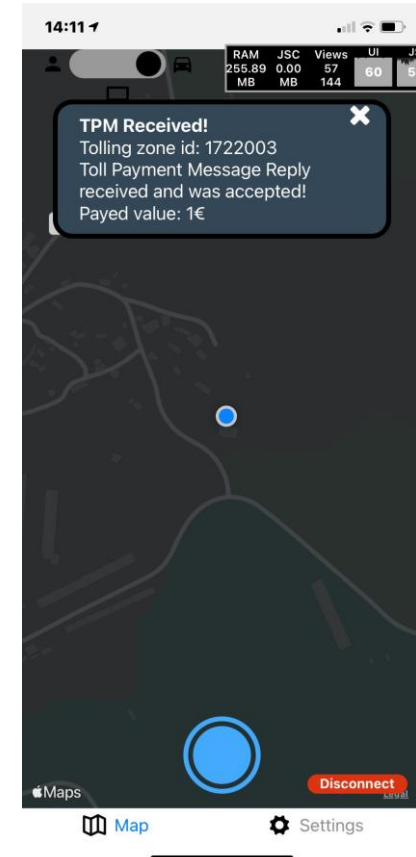
When connected to a car's On Board Unit (OBU) the App sends a message called SVSM containing this sensor's information



When connected to a car's OBU a new message named OVSM transmits the car's sensor data

Future work / challenges

- ❖ V2X tolling
 - SAEM and TPM messages almost done
- ❖ EV Charging
 - (ETSI standard + MagnumCap Connector)



TPM