## Overview

Fatigue driving refers to the phenomenon that the driver's physiological and psychological functions become dysfunctional after a long period of continuous driving, and the driving skills objectively decline. To counter the possible dangerous effects of fatigue driving, this solution use UC-WinRoad software to simulate various fatigue driving scenarios and transmit vehicle data such as speed and driving time to the client in real time to remind drivers to take proper rest when there is a risk of fatigue driving, thus reducing traffic accidents caused by fatigue driving.



















# **Future Tasks and Ideas**

- 1. Use smarter prediction algorithms to collect driver and vehicle data for accurate prediction
- 2. Gives voice prompts and automatically plays favorite music when you are tired
- 3. Hints on the location of the nearest rest area and how long it takes to get there

### Driving 00:00:00 Level Fatigue **75** 10 Vehicle parameters