Project Overview

- ECU chip
  A detachable chip that connects to the car ECU. It has a battery and Bluetooth to receive and send signals. Attached to the car computer and detects if the car is driving throw the gear status; if the car is driving then it sends a signal to the Driver's-App. If the device has been unplugged then it saves a signal in the chip, so when the car gets close to the Parent's device, it sends a signal that has been saved and preserved via the battery to the Parent't-App; therefore they can know if the driver has unplugged the device. It also reacts to parent's app when they ping to check if the device is still in place.

- Driver's-App
  An app that must be used by the driver while in the car. It receives a signal from the chip if the car is driving and automatically blocks notifications and other Apps except the navigation and the music. It also allows the driver to use an emergency set-up in the case of an emergency. If that happened then the Parent will receive a notification that there is an emergency.

- Parent's-App
  An app that is used by the parent to know if the driver is using the Driver's-App or in the case of an emergency and receives a notification if the chip has been unplugged.

→ Both versions of the App must be downloaded and an ECU chip must be purchased to apply the App.
→ Both Apps have the same backend interface to keep the Parent in-the-know of the status of the driver.
→ The chip must have a) battery. b) Bluetooth sending mechanism. c) a way to detect the car gear. d) signal-sending mechanism.