**Functional Requirements:**

- The system must detect when the driver is drowsy.
- The system must alert the driver if drowsiness is detected.
- The system should notify a third party (emergency contact or healthcare provider) if it detects that the driver is drowsy or in distress.
- The system should store all logs/event details in the cloud.
- The system should retrieve logs from the cloud for third-party access upon request.
- The system should display information about the driver to any third parties.
- The user must authenticate the system to their user management account
- The user-interface must contain an embedded video for every major event that occurs
- The system must allow the the driver or passenger to immediately reach out to the emergency contact
- The user must be able to dismiss alerts.

Remove the and ors from her. If there is the and or or split it intro another identical requirement

**Non-functional Requirements: (done)**

- The internal system should be protected and hidden from the user.
- The system should be easy to install.
- The software UI should be simple to navigate.
- The system's UI should use O-Auth to allow users to login.
- The system emergency contact feature should notify the contact within 2 seconds.
    - Add a requirement about how fast the drowsiness is detected

**Constraints:**

- The driver must hold steering wheeling at 10 and 2 position
- The system cannot obstruct the driver's view of the windows or dashboard
- The sensors must not be obstructed from detecting the driver (e.g. face coverings)
- The system must have wifi connectivity to upload events/logs.

**Check motor act of ontario to check if there is anything extra**