

MAIN FEATURES

- AUTOMATIC IGNITION LOCK SYSTEM
- REAL - TIME ALCOHOL DETECTION
- IOTBASED MONITORING DISPLAY

CONTACT US

+639159319555



sipsafe@gmail.com



<https://arnelrivera.github.io/IoT/Iot.html>

IOT-BASED ALCOHOL DETECTION SYSTEM FOR DRIVERS

"Drive Safe. Detect Before You Start."

SipSafe



PROBLEM STATEMENT

INTRODUCTION

The IoT-Based Alcohol Detection System for Drivers is a safety innovation designed to prevent drunk driving. It uses an alcohol sensor to detect the presence of alcohol in a driver's breath and automatically locks the car's ignition if the detected level exceeds the safe limit.

Drunk driving is one of the leading causes of road accidents. Many lives are lost every year due to impaired driving. Our system aims to eliminate this issue by ensuring that only sober drivers can start their vehicles.

OBJECTIVES

- To promote safer driving habits.
- To automatically prevent vehicle ignition when alcohol is detected.
- To monitor alcohol concentration in real time.