Project Title

Team Members

# Project Objective

Describe the high level aspects of the project (No technical sides).

# Project Motivation

Why is this project important and how it fits in real world applications

# Brief Literature

Show relevant literature topics like (but not limited to): Datasets, models can be used and investigated, sensors of interest but not included and hardware platforms that could have been used.

# Project Material

List all the components and software you plan on using

# Project Block Diagram

Show the diagram and how all blocks are connected together

# Project State Diagram

Show the states of your project and how to transition from one state to another (Finite State Machine)

# Machine Learning Model

Describe your machine learning model and what features you plan to extract

Show what platform did you use for the model and explain how to set it up and run it.

# Future Work

Describe how you can upgrade this project further

# Roles:

Show what each member of the group contributed to this project

# Challenges

Briefly write what are the challenges you might face

# Appendix

Include either in an appendix or attached with the report the codes you have used and make sure to include screen shots of important parts in the project operation