

**Deakin University**

Project Title

Project Proposal

Student Name:

Student ID:

Date of Submission:

Document Version n.n

# High-Level Problem / Problem Description

* Justify the problem and why you are undertaking this project
* Briefly talk about the problem
* Briefly talk about the vision of this project – the ultimate goal. What would be the main outcome(s) of the project?
* How this project would be different from what is existing, if any.
* (These are advisory points only, feel free to cover all, some, add new points to cover, etc. Same for all heading/points in the below sections.)

# Solution overview

* Provide an overview of the solution you are proposing.
  + High-level block diagram
  + Explain the different parts of the system and how they interconnect (what sensors, actuators, what processing is needed and what storage is needed).
  + Provide an overview on what aggregation/filtering/processing is needed.
  + Explain how you will make the solution scalable.
  + Discuss your testing plan

# Implementation Plan

* Include the hardware list or what you will be simulating including the components and the communication technology you will or would use.
* Include the data design, what data is collected, and how it is stored e.g. SQL tables or Documents from MongoDB.
* Include an overview of how you plan to use cloud computing to deploy your solution.

# Project Plan

* + Provide a project plan for completing the project within 9 weeks.
  + Provide a week by week breakdown of your planned activity.
  + Identify any potential project risks