**Midterm PROJECT PROPOSAL MAE6291: IoT for Engineers**

**Spring 2025, Instructor: Prof. Kartik Bulusu (MAE Department, GWU)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Midterm PROJECT TITLE** |  | | |
| **NAME or NAMES** |  | **DATE** |  |

|  |
| --- |
| 1. **INTRODUCTION** Central problem being addressed; Topic of study related to problem |
|  |
| 1. **BACKGROUND AND SIGNIFICANCE** Problem details; Rationale; Problems addressed; Research methods and sources |
|  |
| 1. **LITERATURE REVIEW** Cite, Compare, Contrast, Critique, Connect |
|  |
| 1. **PROJECT DESIGN AND METHODS** Figure out what you need for the project; Think about potential obstacles |
| Refer to the following website for the available sensors that you can chose from <https://www.sunfounder.com/collections/raspberry-pi-kit-for-expert/products/sensor-kit-v2-for-raspberrypi> |
| 1. **PRELIMINARY SUPPOSITIONS AND IMPLICATIONS** Task division; identify who is doing what if you are in a team of two |
|  |
| 1. **SUMMARY** Why is this problem of interest to you and worth doing; Why this problem is unique and how it advances existing knowledge |
|  |
| 1. **CITATIONS** References; Bibliography |
|  |