**Team Name:**

**Project Title:**

**Team Members:**

|  |  |  |
| --- | --- | --- |
| Name | Bitbucket Username | Bitbucket Email |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Project Description:**

This should contain a brief description of your project and its functionality. Include any features or necessary components of your project here.

**Team Members Responsibilities:**

List each team member contribution to the project. Also include labs 6+ that each person will be doing.

**Block Diagram**:

Include a block diagram that shows each piece of hardware you plan to use in your project.

This should include which hardware platforms (STM, Parallax, or RPI) you plan to use as well as, and how they will be connected to each other or various sensors.

Include any bus protocols that may be used in the diagram. For example, I2C, UART, SPI, and CAN bus protocols.

**FSM Diagram**

Finite State Machine Diagram.

**Test Cases**

List test cases that will be tested in the process of developing your project.

Think of the features in your project that you may test.