**Documentation should be completed whenever workshops are held, design changes are made, or progress/set-backs are encountered. List the members involved, note the date, and circle the team this documentation specifically involves. Save a copy in this same folder with the date in the title EX: “8/5/19 Documentation” so that team leads can review.**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Members:**   |  | | --- | | **Jordan Hybki** | |  | |  | |  | |  | | **Date:**  **10/28/19**   |  | | --- | |  | |

**Team (check circle):**

|  |  |  |
| --- | --- | --- |
| **Electrical:**   * **Hardware** * **Software** * **Actuation** | **Mechanical:** | **Biomedical:**   * **Ergonomics** * **Sensors** |

**Assignment/Task:**

Develop Arduino Script for the pressure sensor.

**Notes:**

Connected new pressure sensor to test code SSCDANN100PGAA5. Downloaded new datasheet and connected it according to the pressure sensor new pin locations specific for DIP AN: SIngle axial barbedport analog output type. Still returned consistent output of zeroes. Gage Output is proportional to the difference between applied pressure and atmospheric (ambient) pressure. A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated

**Unresolved Issues:**

Could be an issue that more pressure is needed to gain a reading. As blowing/fanning air into the pressure sensor might not be enough to trigger a change in output. But in the data sheet the minimum pressure is 0.36 psi is lowest 10 inches H20 conversion. Awaiting for prototype board of exoskeleton suit to be fixed so I could connect a pump with a gage to test exact output.