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| Design Overview | 1. Introduction: use two or more paragraphs to introduce your project, its background information, and the significance of your project.  2. Overview: use two or more paragraphs to explain your proposed design and your basic plan for implementation.  3. Block Diagram:   1. Clearly depict the key functions to be implemented with analog hardware as individual blocks. 2. Clear depict the key functions to be implemented in software and digital hardware. 3. Be sure to include blocks for the analog to digital interface. |
| Future Milestones | Based on the plan and block diagram above, break the work required to complete the project into 3 milestones.  For each milestone:  1. List the goals for your hardware and software design and specify the deliverables for each milestone.  2. Describe how you will test the hardware and software built for this milestone. Tests for individual modules and combinations of modules should be outlined. |