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| Week 1 | Look for team members, submit resume. |
| Week 2 | Team formed. Look for parts to be used in the project. Brainstorm project ideas from different project website. Submit Project Proposal. |
| Week 3 | Built a rough prototype using the sonar sensors. Wrote a small code to interface with the arduino. Meet up with team members to work on the Wiki page |
| Week 4 | Worked on the product design specification |
| Week 5 | Worked on the schematic and the design timeline |
| Week 6 | **Accomplishment**: The schematic and the board layout is done |
| Week 7 | **Accomplishment**: The final boards are waiting to be shipped in. All the parts are ordered |
| Week 8 | **Accomplishment:** Final boards are populated with new right order of packages in the LID lab, the boards are tested and can talk to the computer using ISP header. **Problems:** We discovered the ISP header orientation on the board is not consistent with ISP header on the AVR dragon. Therefore, we spent alot of time trying to debug it. |
| Week 9 | **Accomplishment**: Prototype built. PVC cane retrofitted with Three sonar sensors and Laser cut a board to house the board. The vibration motors and all the wires are hidden inside the sensors.  **Problems**: At this stage our prototype is working with three sensors working together to notify the user using haptic feedback. |
| Week 10 | **Accomplishment**: Got the prototype working for the final demonstration. Changed the software code to reflect changes.  **Problems**: The sensor does not calculate the distance accurately based on the functional verification testing. Therefore, we changed the code to reflect and react to some arbitrary distance value. The BJT was replaced to reflect a fast switching circuit using a NMOS transistor. |