Project Title: Warning system for wheelchair

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Problem Statement:
Our goal is to design a custom warning system for a girl with cerebral palsy so that others in her path will be warned of her presence. Currently there is no system that can be attached to her wheelchair to alert the person controlling her wheelchair of any incoming traffic.

Restatement of team goals:
1. Create Problem statement
2. Create First draft of PDS
3. Begin to research and develop design ideas
4. Continue the design project.
   a) Research all possible background information.
   b) Research existing and design alternatives
   c) Brainstorm for all possible solutions
   d) Meet with experts to gain ideas about possible solutions
c) Develop possible design solutions
5. Choose final three design solutions
6. Develop final three solutions
7. Create Power point presentation
8. Finish mid semester report, PDS
9. Discuss possible final design alternative
10. Finalize Design
11. Build and test prototype
12. Present final design

**Last week’s goal**
1. Complete Final report

**Summary of Team Accomplishments:**
1. Completed Final report
2. Completed prototype

**Summary of Individual Accomplishment:**
1. YikNing wrote progress report

**Statement of Team Goals:**

**Project Schedule:**
- 9/2–9/8: Form team, select project, contact client, assign team roles, set up client meeting
- 9/9: Initial client Meeting
- 9/9–9/15: Literature search, meeting with client, create problem statement, begin PDS
- 9/16-9/22: Develop PDS, brainstorming, begin developing alternative designs
- 9/23-9/29: Brainstorming, developing alternative designs
- 9/30-10/6: Finalize three alternative designs
- 10/7-10/13: Finalize written report and PDS, finalize oral presentation
- 10/14: Oral Presentations
- 10/14-10/20: Hand in written report with PDS. Submit notebooks for advisor review.
- 10/21-10/27: Choose and develop final design.
- 10/28-11/3: Continue work on final design, poster
- 11/4-11/10: Continue work on final design, poster
- 11/11-11/17: Continue work on final design, poster
- 11/18-11/24: Continue work on final design, poster
- 11/25: Thanksgiving
- 11/25-12/1: Continue work on final design, poster
- 12/2-12/6: Final poster presentation
- 12/7: Hand in final report, notebooks
- 12/9: Final meeting with advisor

**Difficulties:**
None so far.

**Activities:**

Team In-class meeting: 45mins

YikNing 11 hr – Progress report, final report, prototype

Tyler 12 hrs – Final report, prototype

Farshad 13 hr – Final report, prototype

Jimmy 12 hr – Final report, prototype

**Team total hour for this week: 49.75 hrs**  
**Cumulative team hours to date: 266.5 hrs**