**Progress Report 6**  
10/7/05-10/13/05

**Project Title:** Warning system for wheelchair

**Team Members:**  
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**Client:**  
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**Advisor:**  
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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. Work for the circuit design
2. Work for mid-semester report and PowerPoint presentation

**Summary of Team Accomplishments:**
1. Completed PowerPoint slides for presentation
2. Second client meeting

**Summary of Individual Accomplishment:**
1. YikNing wrote progress report
2. Tyler connected the client

**Statement of Team Goals:**
1. Finish mid-semester report
2. Build the circuit design
3. Build external for the circuit design

**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 Brain storming, 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 fat

**Activities:**

- **Team**
  - In-class meeting (1 3/4 hr).
  - Client meeting (1 hr)

- **YikNing**
  - 2 hrs – Progress report, PowerPoint presentation, circuit design,

- **Tyler**
  - 2 hrs – PowerPoint presentation, client connecting

- **Farshad**
  - 2 hrs – Mid-semester report, slideshow, PowerPoint presentation, brainstorming

- **Jimmy**
  - 2 hrs – Mid-semester report, notebook

**Team total hour for this week: 10.75 hrs**

**Cumulative team hours to date: 49.75 hrs**