

## **Progress Report 13**

12/2/05-12/8/05

### **Project Title: Warning system for wheelchair**

#### **Team Members:**

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#### **Client:**

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UW Vascular Clinic  
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#### **Advisor:**

John G. Webster  
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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

- e) 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	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 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**