Project: A Child Passenger Safety Seat (Child Seat)

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Date of Progress Report: 9/8/05

Problem Statement:

The goal of our project is to develop or improve the current method of transporting a child or infant in an ambulance on a stretcher. The method or device developed must be better than the current methods. A new method or device must be collapsible, and compatible with current ambulatory stretchers. Most importantly, the final device must meet all federal safety child seat guidelines.

Restatement of Team Goals from Last Week:

We will form teams and assign team roles. In addition, we will meet our client and begin to work on our PDS.

Summary of Accomplishments This Week:

We formed teams and assigned team roles in class last week (9/2/05). We met with the Dr. Brazelton, and his colleagues Nan, Stu, and Kaileen on Thursday (9/8/05). Our client and his colleagues explained the project to our team members and specified what they hoped to get out
of the project. Our client provided us with great information in form of articles and directed us to other companies and institutes that are involved in similar project. Now that we understand the problem at hand, we started to work on our PDS (9/8/05).

**Individual Goals for this week:**

1. Ross: Work on PDS; Research
2. Aman: Work on PDS; Research
3. Erik: Work on PDS; Research
4. Karim: Work on PDS; Research
5. Miguel: Work on PDS; Research

**Statement of Team Goals for this week:**

Since not all of our team members were able to meet our client, we will explain the purpose and the aim of the project to them in class tomorrow (9/9/05). Thereafter we will finish the PDS and begin brainstorming possible design solutions.

**Tentative Project Schedule:**

- 09/02/05: Formed teams and assigned roles
- 09/08/05: Met our client
- 09/16/05: Develop PDS; Brainstorm possible designs
- 09/23/05: Start writing mid-semester reports
- 10/01/05: Evaluate Ideas and work on power point; Peer review mid-semester reports
- 10/08/05: Mid-Semester Presentation; Design notebooks, PDS, mid-semester reports due
- 10/15/05: Choose a final design
- 10/15/05 – 11/26/04: Work on the final design; Testing; Modifications
- 11/26/05: Work on the final power point, paper and PDS
- 12/15/05: Poster Presentation; Final paper, PDS, evaluations and design notebooks due

**Difficulties:** None

**Activities/Accomplishments:**

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