Project: A Child Passenger Safety Seat (Child Seat)

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Date of Progress Report: 9/15/05

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:
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.

Summary of Accomplishments This Week:
This week we met in class and identified the different subjects that must be researched prior to beginning any type of design. We divided the research among ourselves and met on Wednesday
to discuss the findings. At this meeting, we identified where further research was required and once again broke up the work among the five group members. The preliminary PDS was also completed.

**Individual Goals for this week:**

1. Ross: Email Nadine Levick, edit pds, research
2. Aman: Research, edit pds, contact Marilyn Bull
3. Erik: research, edit pds, update website, meet with Dr. Brazelton’s team
4. Karim: research, edit pds, meet with Dr. Brazelton’s team
5. Miguel: research, edit pds, meet with Dr. Brazelton’s team

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

The goals for this week will be to finish our research which will allow us to finish the preliminary PDS. The three members of the team that have not met with Dr. Brazelton will go to the hospital and have the project explained to them. We will also begin to brainstorm ideas.

**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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<tr>
<th>Names</th>
<th>Activities</th>
<th>Time (hrs)</th>
<th>Running Total (hrs)</th>
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