

Progress Report: Week of 9-9-2005

Robotic Arm for Minimally Invasive Surgery

Team Name currently under consideration

Client: Aimen F. Shaaban, M.D.
Assistant Professor of Surgery
University of Wisconsin Medical School

Team Members: Ashley Huth (BSAC)
Brenton Nelson (Leader)
Max Michalski (Communicator)
Sujan Bhaheetharan (BWIG)

Problem Statement: Not yet defined by the group. Our client has set forth the goal to design a simpler and more convenient version of a robotic arm currently used in non-invasive surgery that can perform most of the same tasks as the current design uses.

Last Week's Goals:

- Form our group and assign our positions as well as choose a project.
- Make contact with our client and try to set up a meeting with him to take place this week.
- Brainstorm what questions we would have when we met with our client so our meeting would be as productive as possible.
- Research the current surgical robots in use to get background information.

Accomplishments:

- Formed group and assigned team roles.
- Chose the project we wanted to do for this semester.
- Individually thought of questions we may have for our client meeting, set to occur on Friday the 9th.
- Individually researched the current surgical robots in use.
- Max made contact with Dr. Aimen F. Shaaban and set up a meeting for Friday the 9th.

Next Week's Goals:

- Meet with Dr. Aimen F. Shaaban to get specific details on what he wants from our group this semester.
- Set up an appointment to see the current surgical robots in person
- Meet with our advisor, take a team picture, set up our team website, and create a team project schedule.
- Continue to research surgical robots that are used currently.
- Begin thinking of possible designs for our project, individually.

Difficulties:

Once we made contact with our client, there have been no difficulties to report of.

Team Activities:

9-2-05: Team met in class and discussed a strategy to begin our project

Time: 1.5 hrs

Project Timeline:

Currently is under construction.

Expenses:

None have been encountered.