

**Team Members:**      **Dan Jonovic** – Team Leader  
                                 **Andrew Dias** – BWIG  
                                 **Nick Balge** – BSAC  
                                 **Whitney Johnson** –Communications

**Advisor:**                      Professor Mitch Tyler

**Client:**                         Dr. Bikash Pattnaik

**Next meeting:** 10/24/08, 12:05pm

**Problem Statement:**

Create a system controlled through LabVIEW to monitor, control, and record values from an ERG corresponding to liquid exchange, light intensity, flash duration and frequency, and waveforms. In addition, the development of a new, more user-friendly interface should be implemented.

**Team Goals:**

Begin working on interface design and addition of functionality to the existing program.

**Individual Goals:**

Dan                      Find out how to develop tabbed graphs in LabVIEW, and how to add separate menus.  
Andrew                Look through SubVIs and establish if there are some that would add the save feature.  
Nick                     Work with display boxes to figure out which methods of input are the most effective.  
Whitney                Determine which colors provide the best contrast and functionality in the client's environment.

**Summary of Accomplishments:**

We gave our midsemester presentations and submitted the report in paper form. Also, these documents are available on the website.

**Difficulties:**

The past week has involved much work for the presentation and paper. As a result, we have not been able to make much progress on the project during this time.

## Project Schedule:

Week	Date	Topic	Activities / Deliverables
1	September 5, 2008	Introduction and course expectations Course advisors	Form teams; select project; contact client; email team roles to advisor
2	September 12, 2008	Design process and Product design specifications (PDS) guidelines	Literature search; meet with client
3	September 19, 2008		Develop understanding of project; post preliminary PDS on web site; post team photo on web site
4	September 26, 2008		Brainstorm
5	October 3, 2008		Work on design
6	October 10, 2008	Oral presentation guidelines	Decide on design alternatives; work on presentation
7	October 17, 2008	ORAL PRESENTATIONS Note: All students should plan to be present for the full class period.	Put PowerPoint presentation on team web site by 10:00 am
8	October 22, 2008		By 4:00 pm: deposit notebook and written report including PDS in 2135 ECB; email report to advisor and client; fully update web site
8	Friday October 24, 2008	Tong Distinguished Entrepreneurship Lecture	Submit peer/self evaluations by email by 10:00 am; decide on final design
9	October 31, 2008		Work on design
10	November 7, 2008		Work on design
11	November 14, 2008		Work on design
12	November 21, 2008	Poster presentation guidelines	Work on design, Work on poster presentation
THANKSGIVING BREAK			
13	December 5, 2008	FINAL POSTER PRESENTATIONS Note: All students should plan to be present for the full class period.	
14	December 10, 2008		Hand in written report to advisor and client and post it on web site; submit design notebooks; complete final update of web site; submit client evaluation
14	December 12, 2008		Submit peer/self evaluations by email by 10:00 am; final meeting with advisor

### Activities:

10/16/08	Team	Midsemester Presentations	2.00h
10/17 – 10/21/08	Team (Individually)	Work on individual portions of the paper	2.00h
10/22/08	Team	Assemble and edit Paper	3.00h

### Expenses:

There are no expenses to report so far.