

Calibrated Eye Dropper

Week 1: January 23-29, 2009

Team: Sarah Switalski – Co-Leader
Michelle Tutkowski – Co-Leader
Brooke Sampone – Communicator
Jim Mott – BWIG
Eamon Bernardoni – BSAC

Client : B'Ann Gabelt
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Problem Statement:

A lab in the Department of Ophthalmology and Visual Sciences needs dropper bottles and calibrated tips designed to accurately deliver 5 μL drops into the cornea of the eye for experimental drug delivery to animals.

Previous Week's Goals:

The team needs to meet with the client to obtain further information and specific requirements for the project. The team needs to do market research on current eye dropper and micropipette devices.

Activities:

Team/ Individual	Activity	Date	Time (hours)	Team Total	Individual Total	Overall Total
Team	Team Meeting	1.23.09	2.00	2.75		
	Client Meeting	1.27.09	0.75			
Michelle	Independent Research	1.27.09	1.25		1.25 hrs	4.00 hrs
Eamon	Research, brainstorming	1.27.09	2.50		3.00 hrs	5.75 hrs
	Research, brainstorming	1.28.09	0.50			
Sarah	Questions for client	1.26.09	0.50		2.50 hrs	5.25 hrs
	Research	1.27.09	1.00			
	Progress report	1.28.09	1.00			
Brooke	Research, patent search	1.25.09	0.50		2.00 hrs	4.75 hrs
	Prepare for client meeting	1.26.09	0.50			
	Research, patent search	1.28.09	1.00			
Jim	Research, questions for client	1.26.09	1.50		1.50 hrs	4.25 hrs

Summary of Accomplishments:

The team assigned team roles and organized potential meeting times outside of class. The team contacted and met with the client. The team also researched current devices and began brainstorming design ideas.

Next Week's Goals:

The team needs to further research calibrated eye droppers and continue brainstorming design ideas. The team needs to begin developing the Product Design Specifications (PDS).

Individual Goals:

- Brooke: Research, brainstorming, keep in contact with client
- Eamon: Research, brainstorming, BSAC
- Jim: Research, brainstorming, set up web page
- Michelle: Research, brainstorming
- Sarah: Research, brainstorming, send out progress report

Difficulties:

There are no difficulties at this time.

Project Schedule:

Tasks	Jan		Feb				Mar					Apr				May		
	23	29	6	13	20	27	6	11	13	20	27	3	10	17	24	1	6	8
Research	█	█	█	█														
Brainstorming	█	█	█	█	█													
PDS			█	█														
Prototype Design				█	█	█												
Prototype Fabrication							█	█	█	█			█	█				
Testing												█	█		█	█		
Meeting with Client		█																
Team Meeting	█	█	█	█	█	█			█	█	█	█	█	█	█	█		█
Presentation							█										█	
Written Reports								█										█
Peer/Self Evaluations									█									█

Expenses:

There are no expenses at this time.