

Communication_Device

The design of a phonetics-based augmentative device for children with significant communication disorders

Names:

Brian Mogen (Leader)
Steve Wyche (BSAC)
Prachi Agarwal (BWIG)
Erin Devine (Communicator)

Client: Dr. Lawrence Kaplan

February 20 – February 27, 2009

Problem Statement: (Working Statement): To design a device that allows children with communicative disabilities to speak and express emotion with their voice. The device must be intuitive and accurate.

Team Goals:

Background Research – Patent Research
Contact Client for ordering parts
Update PDS

Individual Goals:

Brian: Research, order parts
Erin: Research, order parts
Prachi: Research, order parts
Steve: Research, order parts

Summary of Accomplishments:

Met with client – Set up product order
Design Matrix
Patent Research

Statement of Team Goals (Next Week):

Update PDS
Background Research – for new design
Decide on design
Order Parts

Statement of Individual Goals (Next Week):

Brian: Update PDS, Research, Presentation, Report
Erin: Continue Research, Presentation, Report
Prachi: Continue Research, Presentation, Report
Steve: Continue Research, Presentation, Report

Difficulties:

None at this time

Activities:

Brian:

Progress Report .5 hr
 Research (patents) .5 hr
 Met with Client 1hr
 Design Matrix 1.5 hr

Erin:

Contacted client .5 hr
 Met with Client 1hr

Prachi:

Met with client 1 hr
 Design Matrix 1.5 hr

Steve:

Met with client 1 hr
 Kaossilator Research 1hr

Time

	Brian	Erin	Prachi	Steve	Team
Week 1	5	3	2	3	13
Week 2	4.5	4	2	1.5	12
Week 3	2.5	1.5	1	2	7
Week 4	3.5	2	2.5	2	10
Cumulative	15.5	10.5	7.5	8.5	

Timeline

QuickTime™ and a
TIFF (LZW) decompressor
are needed to see this picture.