

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

March 27 – April 6, 2009

Problem Statement: (Working Statement): To design a device that allows people with communicative disabilities but motor functions to speak and express emotion with their voice. The device must provide immediate output, and it must be intuitive and accurate.

Team Goals:

Testing

Individual Goals:

Brian: Paper – See team goals
Erin: Paper – See team goals
Prachi: Paper – See team goals
Steve: Paper – See team goals

Summary of Accomplishments:

Speech Primer
Testing Criteria

Statement of Team Goals (Next Week):

Testing

Statement of Individual Goals (Next Week):

Brian: testing
Erin: testing
Prachi: testing
Steve: testing

Difficulties:

None at this time

Activities:

Brian:

Progress Report .5 hr
 Speech Primer 2.5 hr
 Team Meeting .5 hr

Erin:

Speech Primer 2.5 hr
 Team Meeting .5 hr

Prachi:

Speech Primer 2.5 hr
 Team Meeting .5 hr

Steve:

Speech Primer 2.5 hr
 Team Meeting .5 hr

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
Week 5	5	4.25	4	5	18.25
Week 6	3.5	2.5	3.5	3	12.5
Week 8	1	.5	0	0	1.5
Week 9	3.5	3	3	3	12.5
Cumulative	28.5	20.75	18	19.5	86.75

Timeline

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