Adaptive Human Interface Device (HID) CPE 495 Project Proposal Design Review Feedback Summary	
Project Summary	This project is to research and design an adaptive interface device for modern computers. The device will have a focus on affordability, iterative design, and easy operation. A prototype will be constructed to test the device for viability in general use. This will serve as a case study on the effectiveness of this approach to bringing adaptive technology to a larger audience.
External Reviewer(s) Comments	Sounds like a useful/feasible project. But is it Valuable to the impared customer? Suggested additions – audio shortcuts – or some other non-tactile method, may add large vaue at small costs. The idea of reducing the cost of current keyboard is nice and suitable. However, I was not able to recognize how the cost will actually be reduced. The proposal presentation looks to be vague. It would be better to present more specifically the cost reduction. Very informative presentation. I was able to follow everything without any prior knowledge in the field. My only suggestion would be to see about locating a working pre-existing solution (braille keyboard) that you can access to be able to test against. Perhaps contact one of your disability advocates and see if they have a disabled-accessible computer lab with some of the hardware available so noone has to purchase a new one. Christopher is a very charismatic public speaker. Their ideas seem well researched. I like the idea of the iterative design. I think you need to make a more complete comparision with existing projects and justify that your project will be really useful. How will you make the determination that the product you produce is easy to use by the customer? Need a specific plan and customer(s).
Instructor's Comments	Presentation: Very good set up in terms of specifying the idea that access to the internet is a new human right and that cost may be a barrier to the visually impaired being able to exercise this right. Having trouble visualizing what type of physical hardware your are thinking about and how it will be prototyped in this class. Also some of the comparison hardware was true bidirectional I/O -- the Braille Display I assume could be used to communicate information not only from the user but to the user. I assume you are proposing a one way transmission of information. Need to clarify this. I

	Need to identify a customer. This is something I plan to help with and could be part of my response to the portion of the group that needs an external contact for the honors project. Will work on this in the upcoming weeks but need your urgent action as well. This is a key area for your project and I have included them as part of the CPE 495 Go/No Go milestones. Testing plan needs a lot of thought. This is a cridical part of the project. Good start though.
CPE 495 Deliverables	The following Deliverables have been accepted by the course director. • Identification of a "Valid Customer" to evaluate the effectiveness of the project. • Detailed feedback on what approaches worked well and would be worth further investigation in future projects as well as what approaches were less than successful. • Working prototypes of input or output device for the handicapped. • A collection of software enhancing the prototypes from a simple I/O peripheral to a more useful tool.
Final Grade	91/100