May 3rd, 1:00 PM - 3:00 PM

Building a Better Computer for the Aging Generation

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Presenter Information
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The problem which we have ventured out to solve is that the aging community does not have easily accessible computers and technologies.

The challenge was to create three items; a proposal, a form of documentation showing our progress and a presentation at the end. The presentation includes a poster, slides and an oral presentation to the judges. The main focus of our work is to create the stated items based around creating easily accessible technology for the elderly community. With the deadline for the proposal being March 14th and the final presentation on May 3rd 2014

Figure 1: Keyboard and Joystick

Our product has been designed to help the physically challenged, especially in the aging community, to more easily use personal computers. We saw that the elderly had difficulty using personal computers, for several reasons, however, a large factor were the clunky interfaces. We wanted to create computers that had more accessible interfaces so the elderly had access to invaluable tool. We understand that everyone needs to be able to communicate with their loved ones with email and programs like Skype, that they need to have access to food and supplies via online shopping, and that they want to use the internet for getting information faster and easier.

Figure 3: Desktop and browser

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