**Recommendation for Project Continuation for The MIMER Project**

The MIMER team made great progress over the course of the 2013-2014 school year. The team completed a robot that mimes children in under one second, 60% of the movements are mirrored well, and MIMER is easily set up and maintained. Although most goals were met, some tasks can still be upgraded and improved. Features that can be updated are speech recognition functionality, finger tracking, and battery charging while MIMER is plugged in.

First, speech recognition can be added to MIMER for a more complete experience. Anschutz Medical Center is not explicitly asking for this feature, but they were not opposed to the idea. This speech recognition would prompt the user to do a series of movements, and possibly provide feedback after each individual movement. The system would be beneficial to the user because this could allow the user to see what sort of progress they are making in the physical therapy process.

Another feature that can be added to MIMER is finger tracking. The new Xbox Kinect can track a pinching motion for fingers. This would allow a physical therapy client to work on finger movements. This would help further with the rehabilitation process.

A functionality that should be added to MIMER is the battery should be charging while MIMER is plugged into the wall. Currently, the battery needs to be taken out of MIMER before being charged. This would allow ease of use for the nurse using MIMER.
Overall MIMER is complete according to Anschutz Medical Center’s expectations, but MIMER still can possibly have further functionalities added to him.