Work Completed

This week the input device enclosure came in. The key I originally planned to use as an input key is too small for the input device. Instead I will use a spacebar as the input device button (Figure 1). Upon further inspection, I found that all the internal components will fit appropriately into the device (Figure 2). Sadly, I was unable to start work on the device since the ABS mounting material has yet to arrive. There has been some trouble since we can’t order the 1/8\textsuperscript{th} inch thick material; instead I will use the 3/16\textsuperscript{th} inch thick material instead. This does not appear to be a problem with the design of the internal mounting.

Figure 1. This is how the spacebar will be placed and its relative size on top of the enclosure.
For the virtual environment I completed the bathroom. There are four selectable items: toilet, sink, bathtub, and first-aid kit (Figure 3). The first-aid kit represents medicine, this will probably not be necessary, since the user’s aid will probably be supplying the user with medicine without his needing to ask. Nonetheless it is there just in case, if I need to delete it or add it back in I can simply hide the item in FLASH.
Future Work

Due to the delay in ABS material arrival, I may be not able to complete the input device within the next week. I will however probably be in the machine drilling the necessary holes. Also I need to make an order out for the spacebar from MX Cherry. Also I will continue to work on getting the animated character to move about the environment, it seems to be the main issue.

Project Review

With the main objectives or our project nearing completion, we will first get the animated character to move about the different environments and selecting objects. From then on we will then add more to it, such as, the classroom environment. I am confident that we can get our main objectives complete within the next two weeks.

Hours Worked

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