

## **5 Things to Request When Sick ~ (name of app in progress)**

A couple of weeks ago, I had my wisdom teeth taken out and felt very weak and light-headed for the first 24 to 48 hours. Luckily, I was home for Spring Break and my mom was able to take care of me, but it was hard for me to tell her what I wanted (an ice pack, water, etc). I couldn't really talk and I didn't have the energy to get what I needed so I ended up just using the notes app on my phone to communicate with her. This took a ridiculous amount of time and I wanted something that would help me communicate with her more quickly so that I could rest more.

I created an app that helps you easily request five things when you are sick. Say a patient just had oral surgery and needs an ice pack, the patient would just press one button (say an icon of an ice pack) and a pop up would appear on screen showing "I need an ice pack" along with a sound clip playing the same thing. This way the person taking care of the patient would immediately know what was needed without the patient exerting unnecessary effort.

This app could also be used by children who are sick and don't want to talk, but still want to communicate easily. The final product presented will be hardcoded with only five possible requests, but eventually the app could have several settings for different situations (i.e. stomach flu, oral surgery, etc) to expand its user base. In continuing the project, functionality could be extended so that the user would be able to create custom settings and commands so that the app could be like a "speed dial" for certain key tasks. Text alerts could also be implemented so if the person taking care of the patient was not in the room, the patient could press a single button (say an icon of a glass of water) and a text with the request would be sent to the caretaker.