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CMPT 220 Software Development 1

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16 February 2017

Smile Therapy

This project will help make lives of speech language pathologists clients easier. My project is going to be a program that speech language pathologist's patients can use to help guide them through their daily therapy. When the program is used there will be a five-minute timer. During the five minutes there will be another timer going off in ten second intervals. During the ten second cycles there will be an image or video demonstrating the exercise that the client needs to be doing during the ten seconds. Once all of the exercises have been completed the sequence of exercises will be repeated until the five minutes is up. After the ten seconds of each exercise is up a box will pop up prompting the user to check mark if they completed the exercise or not. Once all exercises are completed their speech language pathologists contact information will pop up so they can contact them in case they need help. This program will help clients be able to do their exercise's without being with their speech language pathologist. Not being able to have access to the therapy these clients need can be detrimental to their recovery. This program will allow a more consistent and in depth therapy outside of the office. In this program I will have to use a timer to time the five minute exercise session, I will have to use a timer to time each ten second exercise, I will have to display images and videos to demonstrate the correct way to perform each facial exercise, and I will have to use GUI components to make the program interactive with the client. The GUI components will be used to display check marks, a display box, and text.

