Emily Sear

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Capstone Project – Idea Paper

Problem:

There is no current application that allows a person to easily track all symptoms digitally as well as put these into a nice format for doctors to review.

Solution:

Create a user-friendly mobile application that allows for users to input daily logs of symptoms that are recorded and documented. The user would be able to add pictures, color in areas, and specifically label what their symptoms were at a specific time. These daily logs would be saved so that users could see previous entries and there would be an easy access way to turn these logs into a pdf so that users could send this data to their health professionals.

This pdf will be the true bread and butter of the application, as it will include graphs and tables that health professionals will be able to interpret in order to create informed decisions. Along with this, the data that the user is provided is extremely important so keeping this data encrypted and secure is a top priority for this project and application. The goal of this application is to create a platform that allows for users to easily access their data and to be able to store all of their medial information into one platform.

Another goal would be accessibility meaning that this application would be able to be used for any and all chronic or acute conditions. Along with this, this application should be customizable to make sure that users with physical disabilities will have accommodations in the application that will help them use the application. This application is not going to diagnose conditions, but rather give patients and health professionals the data in order to make medical decisions.