

Title of Project

Team Name
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We write introduction stuff here

1 Objectives

To develop an information management system that stores Health Records for access by patients, and their healthcare providers. Specifically, the goal of the capstone is to develop software that can specifically be used by Emergency First Responders to access patient health records, providing them with information vital to their jobs.

2 Resources

The following is a list of resources that have been used in the research process thus far.

- Currently we are in communication with 2 Ontario Paramedics who have provided us insight on the various issues and difficulties that they run into on a daily basis.
- We are also in communication with Dr. Aleksandar Jeremic and Dr. Hubert deBruin to gather their insight on this project.
- We have access to a Bioinstrumentation laboratory at McMaster University which will allow us to test our hardware components both on patients and patient simulators to ensure everything is working properly and safely.

3 Description

3.1 Motivation

Cam

3.2 Background

All of us

3.3 Project details milestone and completion

Glenn

4 Scheduling

Glenn

5 Assumptions and Risks

As of present, it is assumed that there is no centralized health record that contains the cumulative health information of Ontario residents. The information required for this system is not available today, and we are developing software based on the assumption, that in the future, this information will need to be collected.

For this capstone, the software being built is focused on how health information is to be handled, and the best way to present this information to the user, specifically paramedics. As a component of the capstone, we will brainstorm the best methods by which to collect and aggregate health records, however the means by which to collect these records will not be built.

As of now, there is no centralized health record that contains the cumulative health information of Ontario residents.

We are developing software based on the assumption, that in the future, this information will need to be collected, and we will brainstorm the best methods by which to aggregate this information. The software being built is focused on how to handle the information and present the information, vs how the information is inputted into the system

It is assumed that we are not focused on how to input the information, so much as how to handle and present the information to the correct user.

It is assumed that the information required for this system is not available today

6 Deliverables

6.1 Bronze

The bronze category is the bare minimum of what is to be accomplished for the final product. The following are Bronze Level goals.

- Working User Interface

- The user interface for this application is the most important aspect as this is what the Paramedic or Emergency personnel will be looking at when inputting and accessing data. At this level, the user interface must have the following functionality. Firstly
 - Firstly, the application must be compatible with iOS and Android devices. There is currently no standardization for the tools that Paramedics use and having an app that can be used on any platform makes it more readily useable with current technology.
 - Secondly, this application must be able to access a database of health information assumed to exist and display said data on the screen of the user's device. This will be done in a layout similar to the software
- Another entry in the list

Taylor

7 Summary

Cam