Final Project Description: A Computing Solution for Handling COVID-19

Compro

INSTRUCTIONS:

It has been more than a year that the world was conquered by unknown enemy known as the COVID-19 virus. Days and months passed and the governments all over the world is still devising effective measures to combat this pandemic. We are still in a situation where everything we can do to help others, whether it's the government, our friends, neighbors, or the community as a whole will be very much appreciated. As someone who has the knowledge and skills in using technology, assume that you can create a simple program that can be used in any way that will be beneficial to anyone who is working hard to alleviate the situation we are in now.

You are to conceptualize/think and develop a simple program with the application of ***control structures, functions and arrays*** that can be used by anyone (it can be anybody from the government, a particular government agency, someone in your barangay) that is related to quarantine or Covid-19 operations. Example, you may develop a program that can be used within your barangay to keep a copy of all 4Ps members wherein the user can add records or inquire for some information. Another example could be a program that updates the number of cases of COVID-19 in your municipality or town.

You may work with a partner in doing this activity.

DELIVERABLES FOR THIS PROJECT

1. A documentation providing a short narrative of the program, its purpose and functionalities as well as who will use the program. You have to discuss in the documentation the specific problems your program will solve. You should also think of a name for your application. It should also contain a full inventory of the variables and functions you used in your code with a short description. Save the **documents as sa3-<section>-<lastname>**
2. The source code (.cpp) of your program. Save the code as **sa3-<section>-<lastnanme>**
3. A video of you discussing your program, how it functions and the code itself. The video should be uploaded to YT. Take note that you have to have an appearance in the video that you will submit.

4. Save the documentation and the source file in a folder. Indicate the link of your video in the Word file as the last entry in your documentation.
5. Compress the folder and name it as **sa3-<section>-<lastname>**

This assessment can be accomplished alone or by having a partner. You are free to choose whoever who want to work with from any of your classmates.

Your work will be graded according to the following criteria:

Relevance and Functionality of the Program	-	10 points
Use of Control Structures, Functions and Arrays	-	8 points
Completeness and Organization of the Documentation	-	6 points
Clarity of Discussion in the Video	-	6 points
TOTAL	-	**30 points**