

Elect/Elect

Bello Haneef 18/ENCG04/023

1) Conception

The application will be web-based, and it will have the ability to detect, display, rates of infection, store the data obtained, transmit the data wirelessly to other platforms on the web, and will be able to be accessed through the web.

Specification

~~The software~~

Module 1

Check surrounding people.

Specification

Module 1

Identification of the Corona Virus

Module 2

Detection of corona virus

Module 3

Storing the corona virus cases detected.

Module 4

Displaying the cases detected

Module 5

Transmission of data

Design (Cur

Testing

I'll find the language to computer and C programming. But since its a

Testing & f

I'll run various cond be corrected.

Release &

I'll then feedbacks

2) Hardware

1) The software will be run a lot of s

11) Drones-

In order to So with d drones will be able

12) Transmitter to trans

Design (will be shown in number 3)

Testing Implementation

I'll find the most suitable programming language to use for the software, also an appropriate compiler and interpreter. E.g. code blocks for programming language. I'll write the program. Since it's a web-based software it will be written in PHP.

Testing & Debugging

I'll run various tests with the program under various conditions. Any errors that are found will be corrected.

Release & Update

I'll then release the software, and receive feedbacks from users, then work on the feedbacks.

2) Hardware features

The software is web-based, so servers where the software will be run have to be present. Preferably servers with a lot of space.

1) Drones:- The software will need to scan people in order to detect if they have corona virus or not, so with drones, it increases its scanning range. The drones will also have sensors that will scan and be able to detect corona virus.

2) Transmitters:- They'll be present in the drones in order to transmit data back to the main servers.

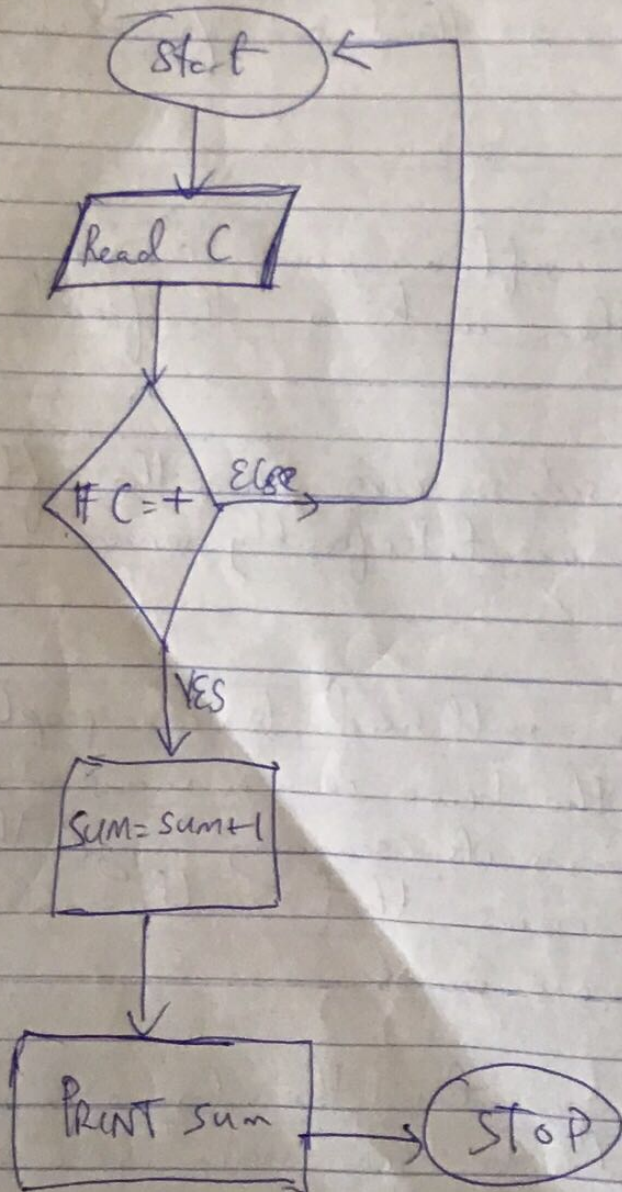
Software features

1) The main program will be written in pip programming language and some parts (ie the programming for the doors) will be written with C++.

2) The software GUI will be user friendly as possible in order to have ease of use.

3)

3) Flowchart



Algorithm
1. Start
2. Read
3. IF
4. Sum
Else
Read
4. Print
5. Stop

4)

GUI
Print Size
Key

programming for the

base

- Algorithm
1. start
 2. Read C
 3. IF $C = +$
 4. $sum = sum + 1$
- Else
4. Print sum
 5. stop.

Top-down

