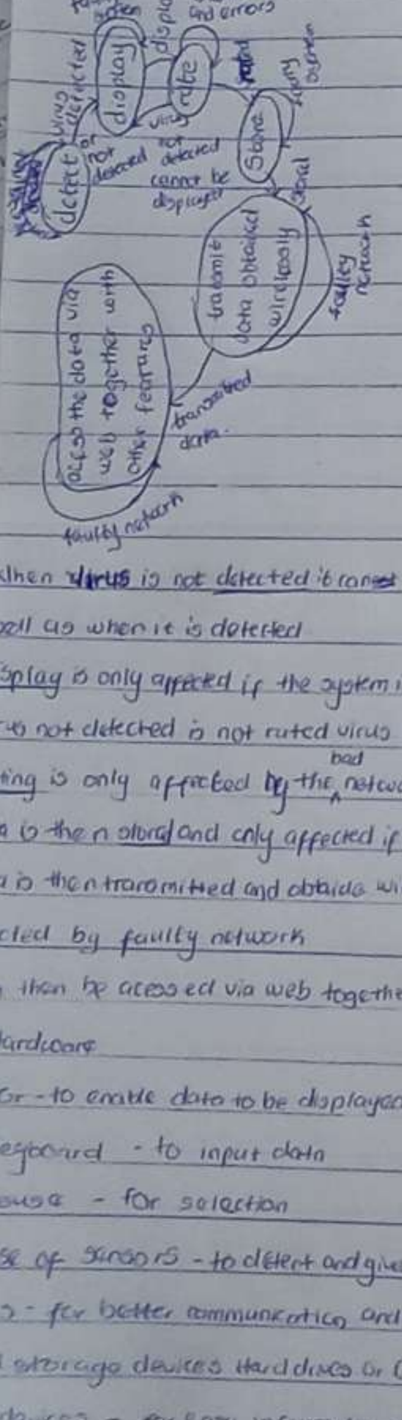
LAWAL ADEOLA IBUKUNOLUWA
18/ENG05/1019
MECHATRONICS
ENGINEERING
COMPUTER PROGRAMMING

1)



When virus is not detected it cannot be displayed as well as when it is detected

Display is only affected if the system is faulty

Virus not detected is not rated virus detected is rated

Rating is only affected by the bad network and errors

data is then stored and only affected if system is faulty

Data is then transmitted and obtaide wirelessly and only affected by faulty network

It can then be accessed via web together with other feature

2) Hardware

monitor - to enable data to be displayed

The keyboard - to input data

the mouse - for selection

The use of sensors - to detect and give accurate output

cameras - for better communication and security

external storage devices Hard drives or DVD - for backup

mobile devices - for easy information access.

Web to ensure web is always available for access

RAM and ROM - (for storage of information / data)

Software

Python (2.7, 3.3-3.6), ruby (1.8 - 2.5) and Java - Programming languages that are used for website, scanner and virus scanner - for security

Change language - so as to enswood it can be used by everyone

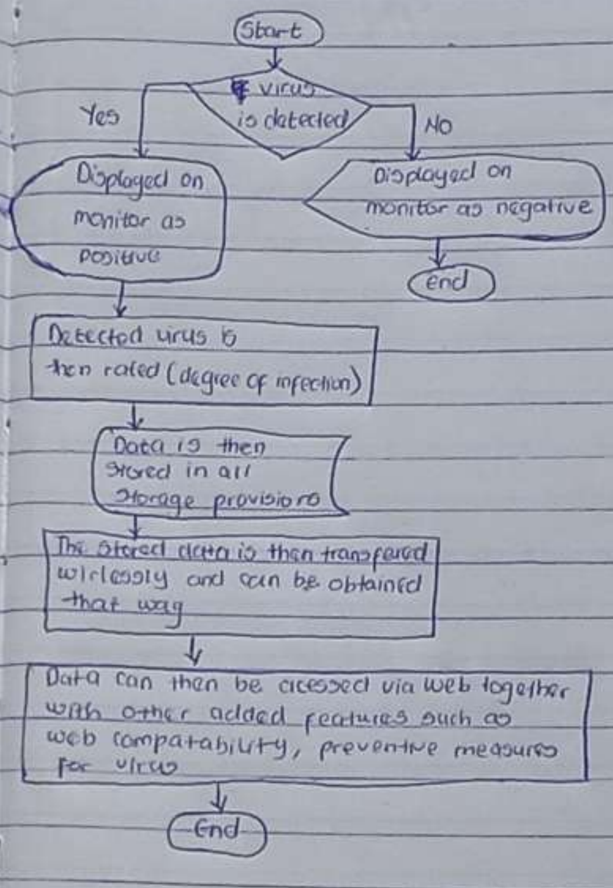
Directory privacy - for security

3) Algorithm

1. Start
2. If virus is detected by sensors etc then virus is displayed on monitor or screen as positive

   Else it is displayed as negative and processing stops
3. Detected virus is then rated (degree of infection)
4. It is then transfered to all the storage positions to be stored
5. The stored data is then transfered wirlessly and can be obtained that way
6. Data can then be accessed via the web together with other added features such as web compatability, Preventive measures for virus
7. End

Flow chart



4) Top-down design approach of the application

Bottom-up design approach of the applicate