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STRUCTURAL PROGAMMING ASSIGNMENT

As a web app developer the Covid-19 coronavirus outbreak to create new ways of dealing with the crisis using technology. Although most of the tools that will be used is going to be explained explicity below

The Software Development Life Cycle

IMPLEMENT

TEST

PLAN

MAINTAIN

DEPLOY

DESIGN

The Hardware and Software Features

Artificial intelligence is playing a vital role the controlling of these Covid-19 virus. Artificial intelligence is playing a role by predicting the spread of the coronavirus to power robot that can replace humans in hospitals wards. This is made possible with the help of Python programming language which is a good programming language for AI and also web development with the help of a framework called Django. This will help me design the web based app and I ensure that the codes are functioning well and the app is called **VIRUS DETECTOR APP**. This web based app will be accessed on the website which has an AI that will help to detect the virus with the help of a sensor. The hardware being used is a fully-fledged operating system, device drivers and true multitasking and also a good processor for fast speed.

Flowchart and Algorithms

Algorithm

Step1: Start

Step2: Design the application with python with the help of Django and also with Artificial Intelligence

Step3: Ensure the application can detect the virus with the help of an Artificial sensor

Step4: Ensure all the codes are functioning well and debug it very well to ensure functionality

Step5: Test the web based app to ensure it’s working very well

Step6: Produce the app and put it on the internet.

Step7: Stop

Flowchart

PRODUCE

TEST/DEBUG

CODES ARE FUNCTIONING

DETECTION OF VIRUS

DESIGN

TOP DOWN APPROACH

PLAN

IMPLEMENT

DEPLOY

MAINTAIN

TEST

DESIGN