Director in charge: ENGR. WOLEX

PROJECT: COVID-19 REPORT DATABASE

FORMULATION

On the 10th of April, 2020, 1,521,252 cases were confirmed with 85,054 new cases and 92,798 deaths with 7277 deaths (new). This situation cannot be neglected because with this speed of spread of this virus. WHO organized some active organization that are put in charge of passing information updates on the virus, laws which are to be obeyed and ways of fighting the virus. And also development of Healthcare app for COVID-19 for tracking the spread and the preventions.

SPECIFICATION

It was concluded that to launch APIs that will enable interoperability between IOS and Android products by way of official apps for public health authorities. Also this strategy will be designed as an opt-in functionality, but open the door for more participants and deeper data integration with health apps and governments’ public health initiatives

Hardware specification: The required aspect of hardware; there are various compatible and incompatible hardware devices for these operations. (internet connection devices, clinical meters, an iOS processor and others)

Software specification: the application are to be installed properly matching the compatibility property for the smooth operation of the application. It include; Optical scanner used for Biomedical identification.

IMPLEMENTATION

From the diagram below, the requirement of the customer is met;

Declared suspect if criteria are met

Not declared suspect; advised to go home

Clinical assessment by a specialist

Suspect is quarantine

Daily records

Treatment activities