Covid-19 Reporting and Tracing Information System

Introduction

The Covid-19 Reporting and Tracing Information System is a software platform intended to simplify and automate the work of reporting covid-19 cases and following up members of the public who have been in close contact with patients. It is accessible on computers by Health officials and other administrators and then accessible by field personnel or members of the public from a smart phone app in multiple international and local languages such as English, Swahili, Luganda and more.

Benefits of the System

- Timely reporting of suspected covid-19 cases
- Geo-location of reported cases using GPS
- Real-time communication chat between the public and Health System Administrators
- Quick dispatch of medical personnel to required areas
- Easy follow up of suspected cases and contacts

How it Works

- A Health Field worker or member of the public uses the smart phone app to report a suspected case of covid-19 within the neighborhood based on the symptoms exhibited by the patient. The contact details of every person who has been in close proximity with the patient are also reported.
The information and GPS location of the case is stored by the system and is reviewed by a Health Administrator who dispatches the nearest Field team to the scene to take appropriate action.

After the illness is confirmed as covid-19, the authorities use the gathered information to trace and isolate all contacts of the patient.

The system also compiles a list of people who have been in contact with multiple patients and marks them as persons of interest.

Members of the public are able to receive timely updates of Government directives and prevention guidelines in multiple languages to avoid the spread of disinformation.

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