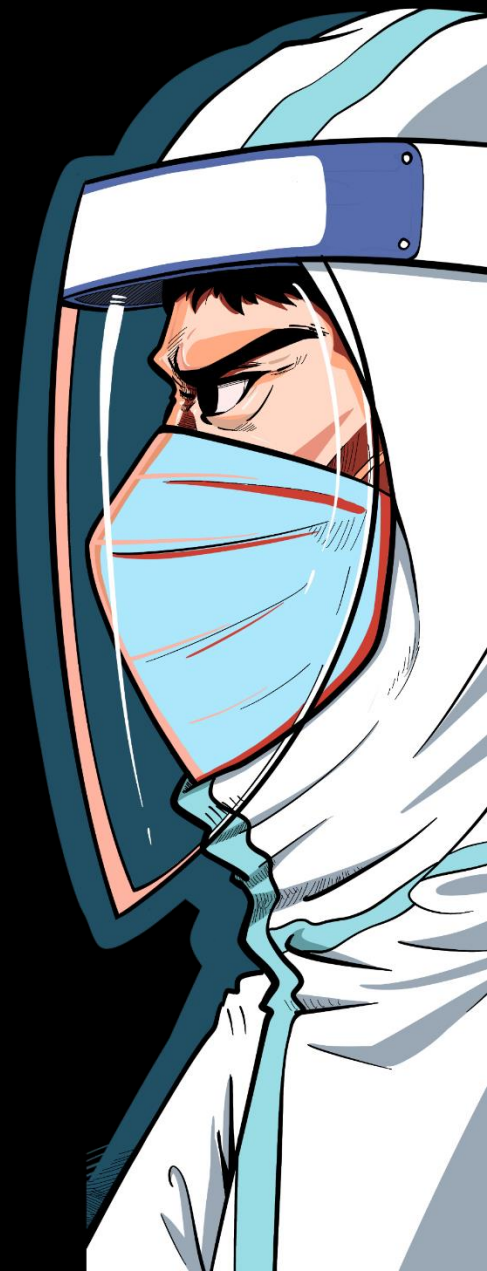
WUHAN 2020

DignoseMe

Hack for Wuhan

黑客松初赛作品



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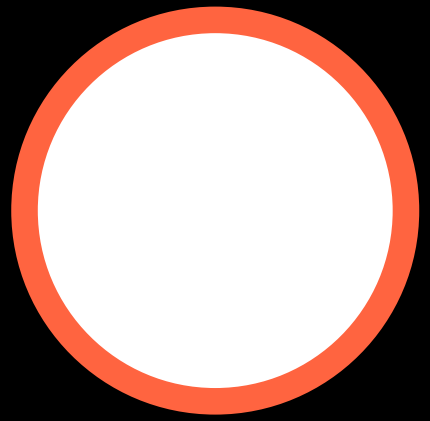


6项目名称：DiagnoseMe

队长：Email/Slack ID: inedit.bf@gmail.com
组员：**WeChat:** Boris BAGBILA, maxoOthentic, wxid_s4zhj3ziuivp22
导师：

Github ★

项目简介：
In order to reduce the risk of transmission on the way to the hospital and promote rapid management, our idea is about to implement a mobile application for remote self-diagnosis of symptoms (helped by connected objects, watchs masks, etc...) and suspects case mapping so that a specialized ambulance can travel to remove suspect patient

PROJECT NAME

DiagnoseMe

Realtime remote diagnose system of COVID-19 suspected cases and prevention tips

Email: inedit.bf@gmail.com sy.traore@outlook.com
WeChat ID: ineditbf
Project Link: https://urlz.fr/c08I

TEAM MEMBERS

"We are not professional developer by we think our idea can be perform by software and hardware Industrial designers
So only simulation is available"

Pakindessama Maxime KONKOBO

24 years
Student
Wuhan University of Technology

Boris Flavy BAGBILA

25 years
Civil engineer from Hubei University of Technology

Sy Adama TRAORE

30 years
Consultant/ Trainer
Electronics and automation ingineer

Faissal NIKIEMA

31 years
General doctor
Medical center in BURKINA FASO

REASON FOR PROJECT

To fight an epidemic, limit the spread. This requires isolation of suspected cases and rapid management.

However for COVID-19, in the absence of isolation measure, each sick person can affect two.

And people can be contagious very early on when symptoms start, or even before they appear. Our Project responds to this problem. The objective is to bring this figure below one, in order to stem proliferation.

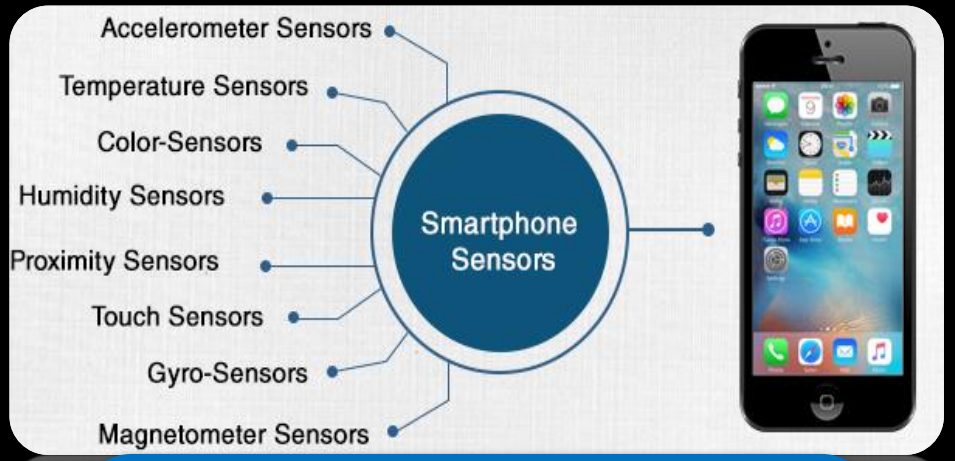
PROJECT ROLE

- Permit remote Symptomes detection of Virus
- Facilitate the detection of suspect cases and their rapid management
- Quickly and securely sort people based on their risk of COVID-19 infection and provide adequate care (those who must be confined to the home, referred to a care facility or isolated in an emergency)

TECHONOLOGY TO USE

MOBILE APP

+



NATIVE SENSORS

OR

ALL IN ONE INDUSTRIAL DESIGN

TECHONOLOGY TO USE

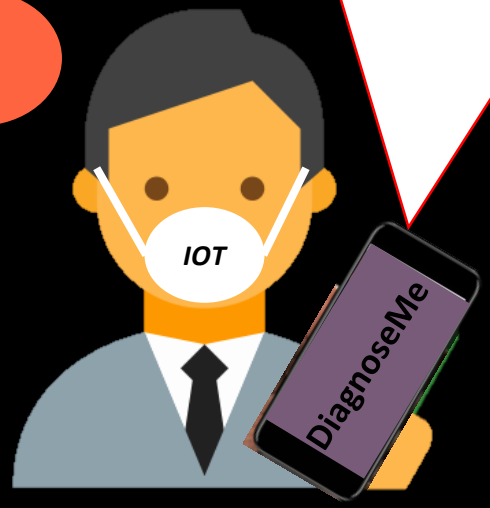
The project can be 02 Types:

- A connected object (watch, smart mask) for personal use with the phone
- A Industrial design (set of Hardware and Software as a Tablet) which will be at the entry points of the countries (airports, train station, border ...) at the entrance to gathering places (schools, places of worship, public transport ...) and

HOW IT WORK ?

COVID-19 SYMPTOMS DETECTION

1



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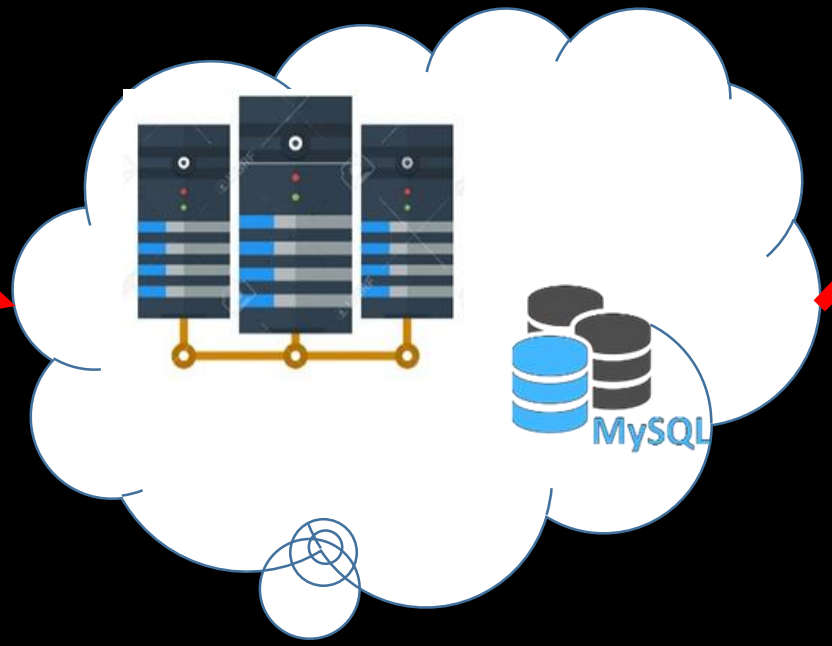

3

DIAGNOSE ME PROJECT

Realtime remote diagnose system of COVID-19 suspected cases

In order to reduce the risk of transmission on the way to the hospital and promote rapid management, our project will implement a mobile application for remote self-diagnosis of symptoms (thanks to connected objects) and **suspected** cases mapping so that a specialized ambulance can travel to the scene to remove the suspect patient.

HOW IT WORK ?

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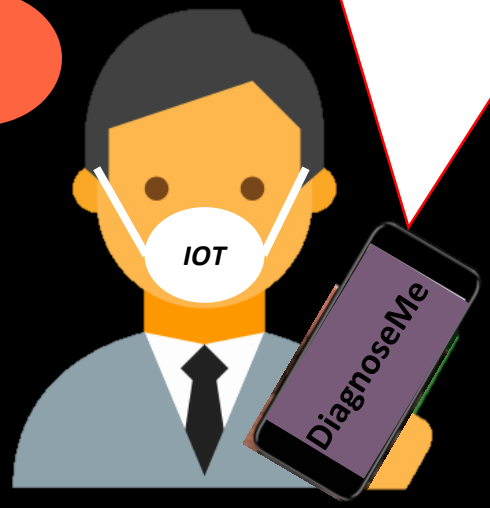

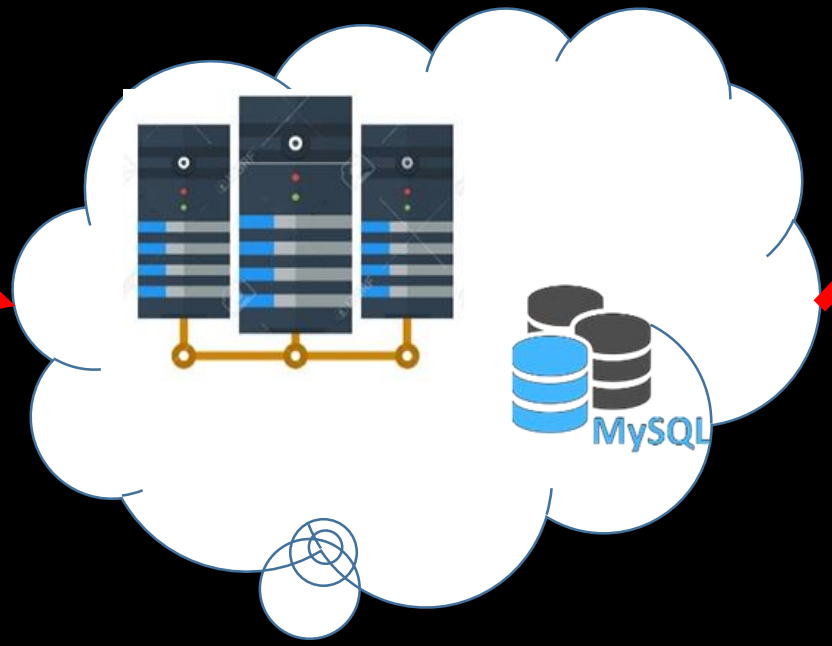

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MAIN FUNCTIONALITIES

- FAQ on COVID-19 (HELP)
- Prevention (TIPS)
- Get the constants of the user using captors and make the diagnosis
- Geolocation and Management of the suspected cases by Hospital
- Chat with suspect patient

USERS

The users of the project are mainly for people living in a region affected by COVID-19 and people from areas at risk. Health staff will use the back office to detect suspected cases and decide to remove them. But everybody must use it. They can download free of use if their phone is compatible

STRONG POINTS

- Transmission of user constants through sensors
- Allow rapid treatment and this will give a better chance of recovery.
- Bring suspected cases to the health services. This will allow them to be more efficient since they will no longer have to worry about detecting suspicious cases.
- Limits the spread of the virus during trips to hospitals by restricting trips to only those in real need.
- Limits the spread of the virus in the hospital in the waiting room by patient sorting
- Limits the risk of infection of health personnel thanks to sorting

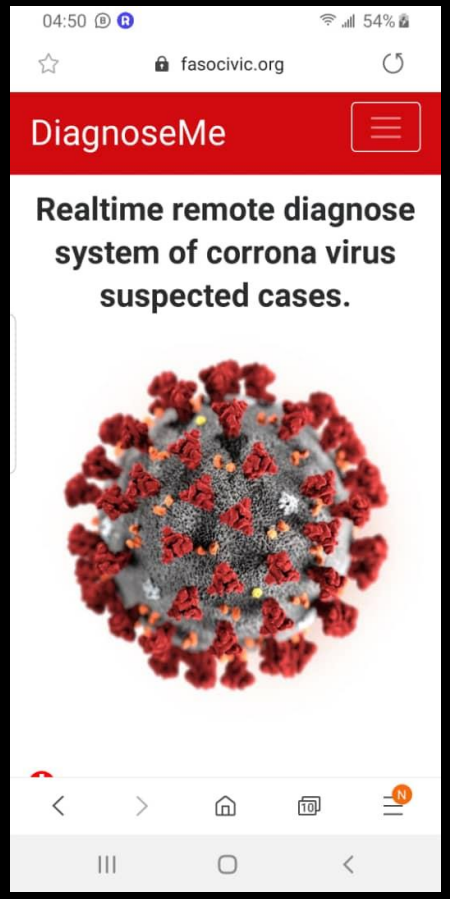
BUSINESS MODELE

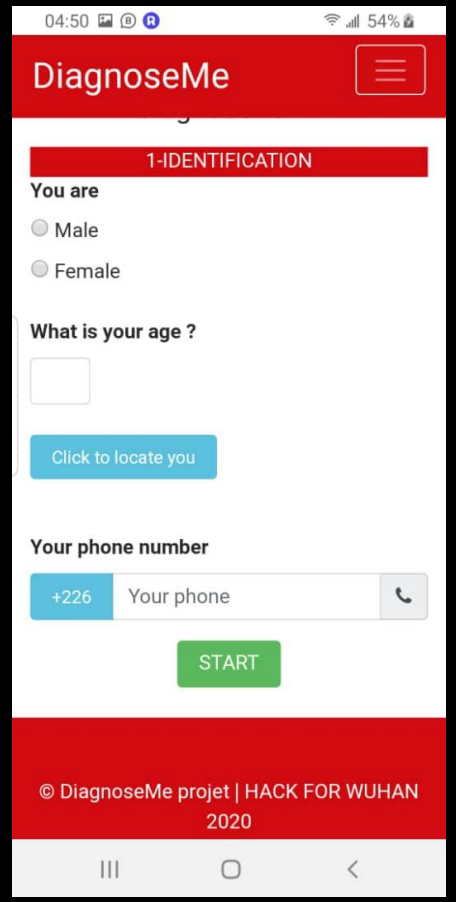
The DiagnoseMe solution in its final version will be an All in One product which in a personal and general public version. It may be made available to users free of charge in stores in iOS and Android versions, which will be made aware by social marketing. Social networks; the media will promote it.

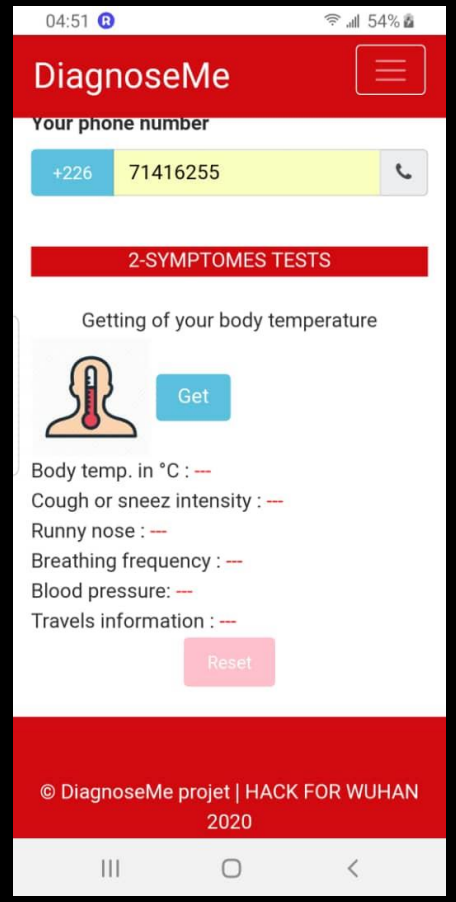
The main users will be individuals, health centers; the Ministry of Health.

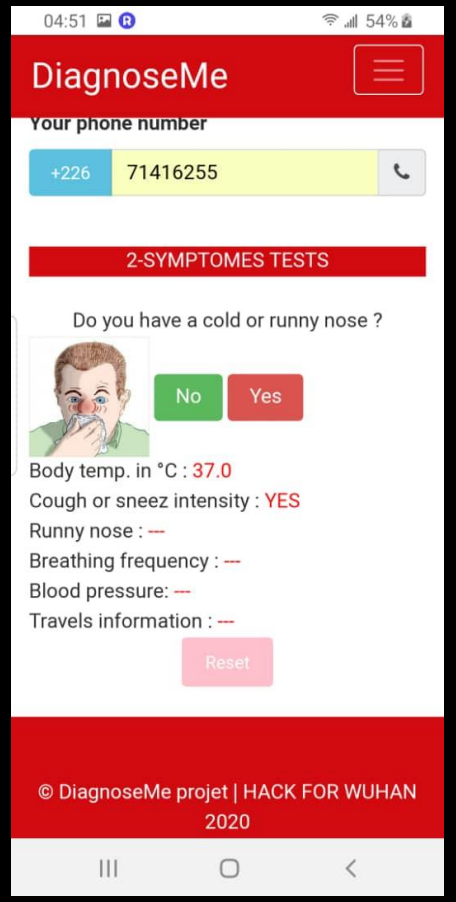
It can be adapted to other epidemics

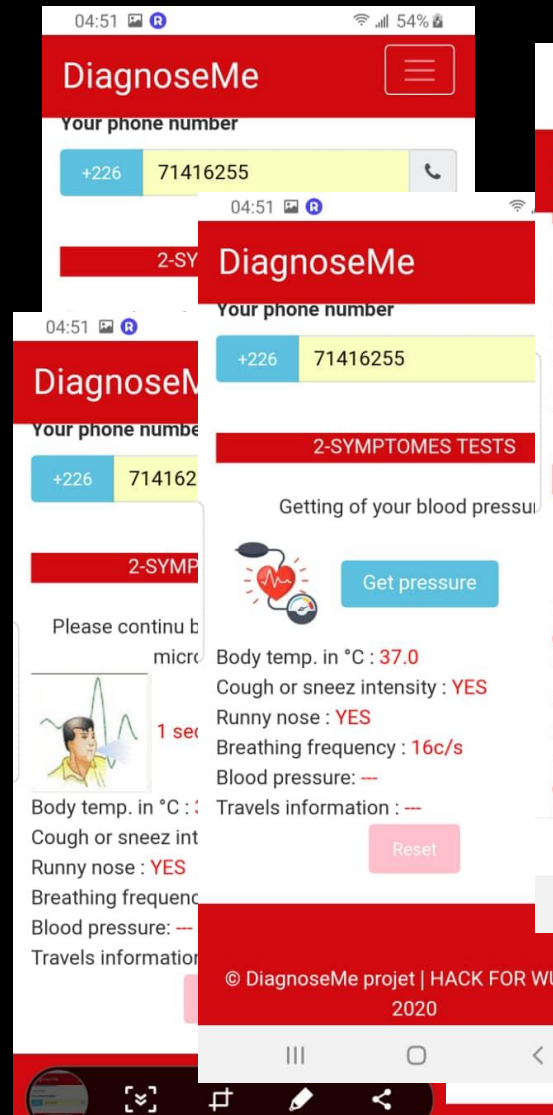
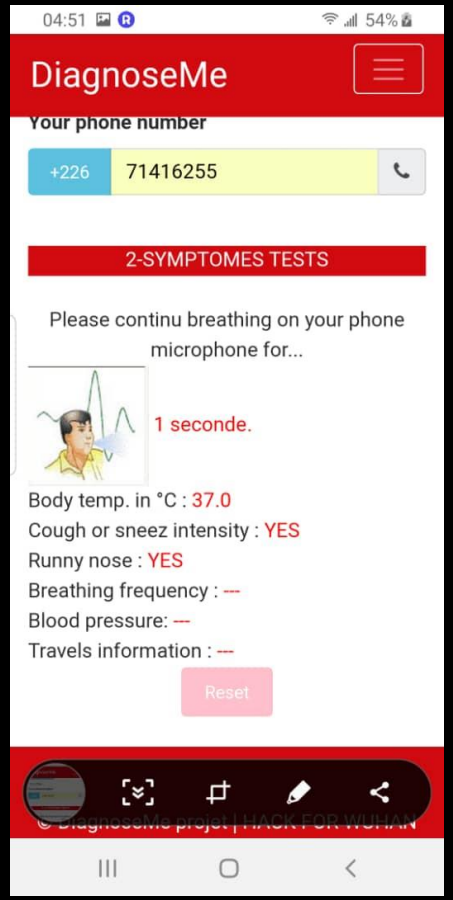
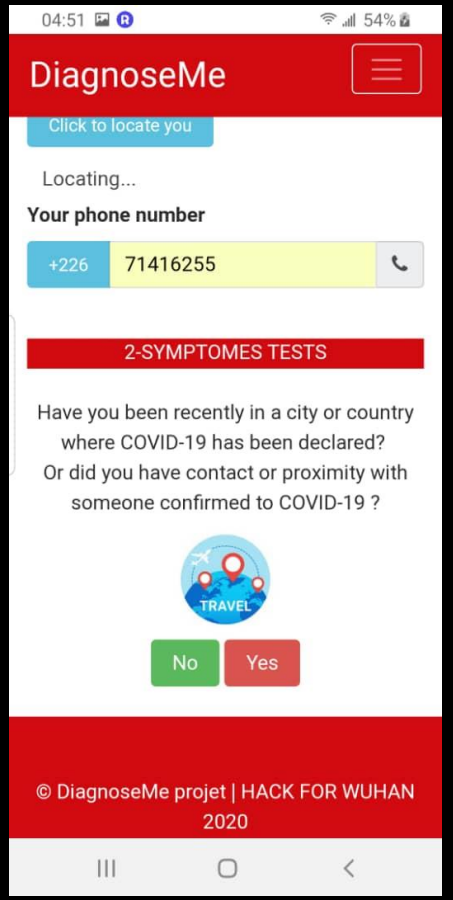
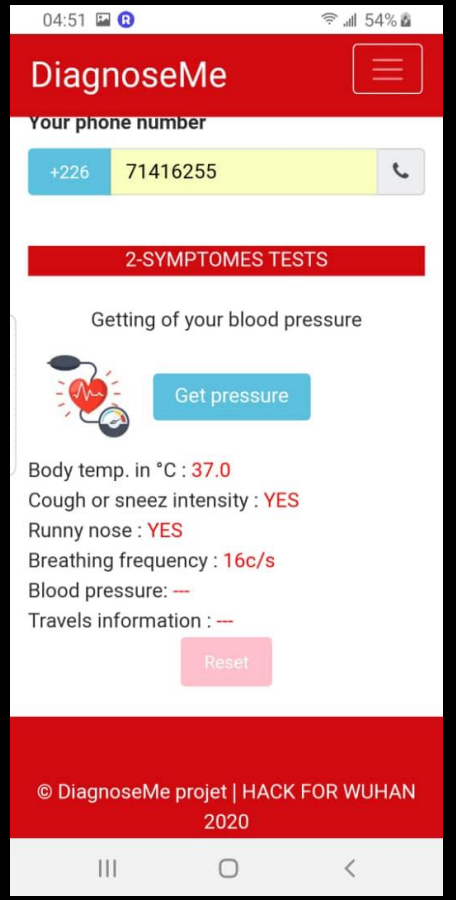
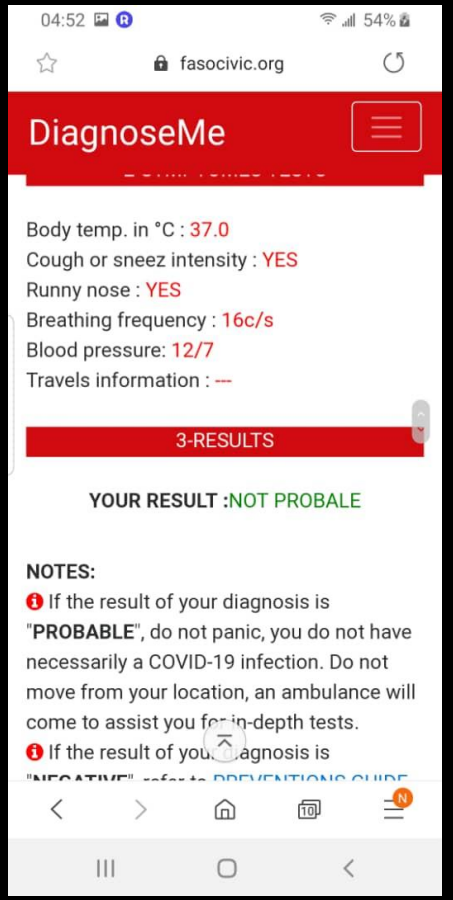
SCREENSHOTS







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