

# Coronavirus Panic Controller

Idea

Bruno Pereira - Engagement Manager

# Ultimate Goal

This application has the ultimate goal to reduce chaos through the population and help sort who should and who shouldn't go to the hospitals.

Drivers:

1. In March 16th, 2020, in Portugal, there were 331 confirmed cases. From these, only 29 had breathing difficulties, therefore, only 29 persons needed hospital assistance.
2. Doctors and nurses are among the most infected segment and as time goes by, less and less will be available to help people at the hospitals
3. Hospitals are running out of tests, therefore the screening is increasingly important
4. Hospitals are already overloaded and as people are getting more worried, and with the exponential growth that is happening, hospitals tend to be even more overloaded.
5. Linha de saúde 24 is getting overloaded and it won't be enough to answer all the calls.

# Context

This idea is being shared and supported by Sofia Couto da Rocha, Unit Manager, that I had the pleasure to work with in a Vision that we delivered at Hospital Lusíadas.

She shared the ultimate goal and drivers that were explained previously.

# Application

This app would be a mobile one, where every family would be able to insert:

1. Family member details
2. Measurements (pain/no pain, body temperature, etc.)
3. Medication taken

# Family Member

Each family member should be able to add some measurement records. According to that, and following the Saúde 24 script, they would be suggested to:

1. Do nothing as everything looks OK
2. Take some medicine
3. Send an email do Saúde 24
4. Make a phone call to Saúde 24
5. Online chat with a doctor or nurse that can help them

# **Send an email/Chat with Doctor or nurse**

In the email or through the chat, the information about symptoms and medication would be shared.

# Register doctors or nurses

In order to register doctors or nurses so they could interact with patients through the chat, we would need their Health ID number and for them to record a small video where we could see their face and card, showing the will to participate helping people through our app.

# Risks

OutSystems is trying to help everyone to overcome this crisis. If we develop an application and someone that uses this app dies, we could be held accountable.

Mitigation: ask for higher sponsorship - Direção Geral de Saúde