**Chapter One**

**Introduction and Purpose**

# Introduction

In this chapter we will talk about coronavirus (COVID-19)  
and the APP which we developed and Syndrome of coronavirus which cause of go to hospital or isolate yourself at home.

# Basic definitions:

COVID-19 coronaviruses are a type of virus SARS‑CoV‑2.  
SARS‑CoV‑2 is a shortcut Severe acute respiratory syndrome coronavirus 2 .

# Overview:

A new virus called Coronavirus and hits the world and Cause of many deaths last 2 years, we developed an APP that telling the user if he has the virus , isolate himself or have nothing and suggest the nearest hospital in   
his area and some doctors who have high efficiency in coronavirus disease.

# Problem definition:

A coronavirus is a kind of common virus that causes an infection in your nose, sinuses, or upper throat.  
Most coronaviruses aren't dangerous.  
In early 2020, after a December 2019 outbreak in China, the World Health Organization identified SARS-CoV-2 as a new type of coronavirus. The outbreak quickly spread around the world.  
COVID-19 is a disease caused by SARS-CoV-2 that can trigger what doctors call a respiratory tract infection. It can affect your upper respiratory tract (sinuses, nose, and throat) or lower respiratory tract (windpipe and lungs).

# Project objectives:

Peoples want to know if they have the virus or not, in our project we developed an APP to android predict if you have the virus by asking you some question that showing to user if he has this disease or not and telling him to go to hospital with suggest some of hospital which is nearest by him, or telling him you should isolate yourself in home with suggest same doctors that have high efficiency in your case, or you have nothing and you should don’t worry about this.

# References

1. Coronavirus. (2022). Retrieved 16 February 2022, from <https://www.who.int/health-topics/coronavirus#tab=tab_1>
2. Severe acute respiratory syndrome coronavirus 2 - Wikipedia. (2022). Retrieved 16 February 2022, from <https://en.wikipedia.org/wiki/Severe_acute_respiratory_syndrome_coronavirus_2>
3. Coronavirus (COVID-19) Overview. (2022). Retrieved 16 February 2022, from <https://www.webmd.com/lung/coronavirus>

# Conclusion

Coronavirus is very dangerous to older peoples and it Lead to death.  
if you feels any Syndrome of coronavirus, you should go to hospital and make a coronavirus test to ensure .  
the coronavirus test not yourself but to your family that you must protect them not to copy the virus to them.

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