# NoCo Bot

An approach to reduce the myths regarding symptoms of Corona Virus in an intuitive way

# What is NoCo Bot ?

- NoCo Bot is a chat bot which is coded in **Python** with **Tkinter GUI toolkit** .

- It will ask you several questions and based on a predefined statically available data using which it will generate a score which will help you in knowing what steps should be taken.

# Why NoCo Bot ?

- I had observed a large number of people who doesn't know the about the exact symptoms of Corona and are spreading myths around.

- So strictly according to the data provided by WHO, I made a list of all the symptoms from very rare to most prominent according to the medical history of the Corona patients and provided them with points as per their prominence in Corona as well as other diseases.

- There are many minor symptoms which nobody cares about but are found in a large infected patients. It will also help highlighting those.

# List of Symptoms

| S No | Symptoms | Points |
|------|----------|--------|
| 1. | Cough | 1 pt. |
| 2. | Cold | 1 pt. |
| 3. | Sore Throat | 1 pt. |
| 4. | Diarrhea | 1 pt. |
| 5. | Body Aches | 1 pt. |
| 6. | Headache | 1 pt. |
| 7. | Fever | 1 pt. |
| 8. | Difficulty in Breathing | 2 pt. |
| 9. | Fatigue (more than normal) | 2 pt. |
| 10. | Travelled in last 14 days | 3 pt. |
| 11. | Anyone in your residencial area found infected | 3 pt. |
| 12. | You have been in gatherings where someone found infected | 3 pt. |

# Points Converted into Percentage

| Points | Results |
|---|---|
| 0-2 pts. | <5% chance , can be due to stress or common cold , avoid cold drinks and stay at home. |
| 3-5 pts. | 5-15% chance , take proper care , hydrate yourself , maintain social distancing and revaluate yourself after 2 days |
| 6-12 pts. | 15-40% chance , consult to a doctor , completely self isolate yourself and keep revaluating |
| 12+ pts. | 40-100% chance , call 1075 or 100 and seek help as fast as possible |

# Future Aspects

I am a first year student and a beginner in the field of development so can't do a lot but if you consider this idea , a lot of functionality can be added into it.

The following functions which can be added in the project :-

- The location can be taken of the user using the app and if a very high chances of infection were found , Government Authorities and people living nearby can be warned .

- A proper contact catalogue can be added including all the details of the nearby Government as well as private areas where a proper virus test can be taken.

- It can also be designed to keep track of the condition of all the people you have meet recently and now the are showing symptoms of the infection and inform you at right time.