All In One Covid 19 – Quick start Guide

Devika Harikrishnan, Viba R Udupa, Harshitha Reddy, Spandana Bhat K

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INTRODUCTION

All In One Covid-19 Platform helps Users to register and get regular updates on Covid-19 cases in India and world wide. It also helps users do a self assessment and to get information on the safety measures to be adopted. It provides updates on the lockdown restrictions and relaxations announced by the Government and also provides international news on Covid-19. For entertainment during lockdown, it provides random facts, games, activities. The application also collects rating and feedback. This document serves as an user guide which will provide instructions to use the application.

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1 Using All In One Covid-19 Platform

1.1 App Start-up

To run the All In One Covid-19 App,run the AllInOneCovid19.exe file. To run the app, your PC must meet all basic requirements mentioned in the Appendix.

1.2 Running the application.

When you run the application the user will be prompted to either sign up if he or she is a new user or sign in if he or she is an existing user

Figure 1: Login Page.

If the user chooses to sign up he/she will be asked to enter the username and password and account will be created. Once the account is created, he/she will be taken to the welcome page where he/she will be shown the below options to choose from

- 1. Present cases in the country and worldwide, updated manually every 24 hours.
- 2. Self-Assessment.
- 3. Safety Measures and random facts.
- 4. Updates from government on Lockdown restrictions.
- 5. Latest international news updates about COVID-19.
- 6. Mini Games when you need a break.
- 7. Lockdown activities.

```
Enter your choice: 1

Enter your user name(less than 10 characters): devika

Enter a password(less than 5 characters): * * * * *

ACCOUNT CREATION SUCCESSFUL!!!

WELCOME TO ALL IN ONE COVID-19!!!

You have logged in at Mon Jun 15 00:49:10 2020

This app is aimed at providing the users with all necessary information regarding the current pandemic

We currently have the following options for you.

1. Present cases in the country and worldwide, updated manually every 24 hours.

2. Self-Assessment

3. Safety Measures and random facts

4. Updates from government on Lockdown restrictions.

5. Latest international news updates about COVID-19.

6. Mini Games when you need a break.

7. Lockdown activities.

Kindly select one of the following:
```

Figure 2: Welcome Page After Account Creation.

1.2.1 Present Cases

If the user chooses option 1, i.e , present cases in the country and world wide he will be displayed the current covid case statistics in the country and in the world as shown in figure below.

```
Total cases
6,441,152
1,870,238
539,045
423,741
287,012
277,985
                                                   Total deaths 380,265 107,620 30,486 5,037 27,127 30,360
                                                                                     Total recovered 2,946,617 618,867
                                  New cases
                                                                    New deaths
                                   77,956
10,915
        World
                                   9,640
8,863
294
        BRAZIL
                                                                    440
                                                                                     211,080
        RUSSIA
                                                                                     186,985
        SPAIN
                                                                     324
                                   1,653
        Total deaths
                          Total cases
                                                            Total recovered
        Maharashtra
Tamil Nadu
                          70013
23495
                                           2362
184
                                                            30108
                                                            13170
        Gujarat
Rajasthan
                                           1063
                                                            10780
                                           198
                                                            6040
This information is manually updated every 24 hours. The sources for the world count is worldometer covid and for India
count is mygov.in.
Thank you and Stay safe
Do you want to continue with our service? Press (Y/N):
```

Figure 3: Present Cases in India and the World.

1.2.2 Self Assessment

If the user chooses option 2, i.e, self assessment, he will be able to do a self assessment based on his health conditions. Based on the options he choose during the assessment, he will be shown a result and medical advice.

```
Welcome To The Self-Assessment

Please enter 1 to do the self assessment and enter 2 to access your previous assessment: 1

QUESTION1:

Press 1 if any one or more of these condition are satisfied:

Press 2 if these conditions are not applicable for you:-

Are you immuno-compromised (for example if you have HTV/AIDS, are receiving immuno-suppression therapy or treatment for cancer or have had a transplant)

Have returned to India from foreign treated in the last 4 months or has a travel history inside the country in the last 60 days.

Enter your Choice: 2

QUESTION2:

Press 1 if you experience any one or more of these symptoms:

Press 1 if you experience any one or more of these symptoms:

Severe chest nain.

Having a very hard time waking up.

Feeling confused.

Lost consciousness.

Enter your Choice: 2

QUESTION3:

Press 2 if these evaluation is for a child of age below 5 years or an adult above 60 years of age.

Press 2 if these conditions are not applicable for you

Enter your choice: 2

Thank you...Your result is being generated....Please wait for some time...

RESULT:

The risk of COVID-19 infection is low. However you can be a disease carrier to immuno-compromised people.

Hence, Please follow all safety protocols to ensure your and your beloved's safety.
```

Figure 4: Self Assessment.

1.2.3 Safety Measures

If the user chooses option 3, i.e, Safety Measures, he/she will be provided latest information on the safety measures as can be seen from the figure below and as per the options he/she chooses.

```
SAFETY MEASURES AND RANDOM FACTS

Stay aware of the latest information on the COVID-19 outbreak, available on the MHO website and through your national and local public health authority. Host countries around the world have seen cases of COVID-19 and asmy are experiencing outbreaks. Authorities in china come other countries how succeeded in Jouing their outbreaks. However, the situation is unpredictable so check regularly for the latest news.

1.Protecting yourself and others from the spread COVID-19
2.Advice on the safe use of alcohol-based hand sanitizers
3.Men and how to use masks
4.Common inquiries
5.COVID-19 inhome care
6.COVID-19 home care
7.COVID-19 home care
8.COVID-19 home care
8.COVID-19 home care
8.COVID-19 workplace ready for COVID-19
8.Myth-Busters

WITH-BUSTERS

WITH-BUSTERS

WITH-BUSTERS

1.Protecting your decided the provided the provi
```

Figure 5: Safety Measures

1.2.4 Lockdown Restrictions

If the user chooses option 4, i.e, Lockdown Restrictions, he/she will be provided an option to choose among the following .

- 1. Timeline of events.
- 2. Travel Restrictions.
- 3. Go back to main menu.

```
LOCKDOWN RESTRICTIONS

On 24 March 2020, the Government of India under Prime Minister Narendra Modi ordered a nationwide lockdown for 21 days, limiting movement of the entire 1.3 billion population of India as a preventive measure against the COVID-19 pandemic in India

1.TimeLine Of Events:
2.Travel restrictions during COVID
3.Go Back.
Enter the number:
```

Figure 6: Lockdown Restrictions

1.2.5 International News

If the user chooses option 5, i.e, Latest International News Updates about Covid-19, he/she will be provided information on the international news on Covid-19

```
1. Present cases in the country and worldwide, updated manually every 24 hours.
2. Self-Assessment
3. Safety Measures and random facts
4. Updates from government on Lockdown restrictions.
5. Latest international news updates about COVID-19.
6. Mini Games when you need a break.
7. Lockdown activities.

Kindly select one of the following: 5

LATEST INTERNATIONAL UPDATES ON CORONA VIRUS VACCINE

1.REMDESIVIR
A California biotech company says its experimental drug remdesivir improved symptoms when given for five days to moderately ill, hospitalised patients with COVID-19.
Gilead Sciences gave few details on Monday but said full results would soon be published in a medical journal.
Remdesivir is the only treatment that's been shown in a rigorous experiment to help fight the coronavirus. A large study led by the National Institutes of Health recently found it could shorten average recovery time from 15 days to 11 days in hospitalised patients with severe disease.

The drug is given through an IV and is designed to interfere with an enzyme the virus uses to copy its genetic material. It's approved for treating COVID-19 in Japan and is authorized for emergency use in the United States for certain patients.

There were no deaths among patients on five days of the drug, two among those on 10 days, and four among patients getting standard care alone. Nausea and headache were a little more common among those on the drug.
```

Figure 7: International News

1.2.6 Mini Games

If the user chooses option 6, i.e, Mini Games, he/she will be provided an option to choose among the following games .

- 1. Riddles and Quiz.
- 2. Hangman.
- 3. Tic-Tac-Toe.

The instructions for playing are provided based on the user's choice

```
WELCOME!!!

You have choosen to play mini-games.
The following games are available for you to play:
1.Riddles and Quizes.
2.Hangman.
3.Tic-Tac-Toe.
Enter your choice(For a high score, we suggest you pick 1, and play all the games.):
```

Figure 8: Games

1.2.7 Lockdown Activities

If the user chooses option 7, i.e, Lockdown activities, he/she will be provided information on a wide range of subjects as per his choice from the following options .

- 1. Easy Cooking Recipes.
- 2. Different Levels of Exercises.
- 3. Reading Books.

```
LOCKDOWN ACTIVITIES

Easy cooking recipes

1. Milkshake
2. Sandwich
3. French Fries.

Different levels of exercises
4. Easy exercises
5. Medium Exercises
6. Difficult Excercises

Reading books
7. The Alchemist
8. The maze runner.
9. The Kite runner.

10. Go Back.
```

Figure 9: Lockdown Activities

1.3 Logout and Exit

If the user chooses to end using the application, he/she is shown two options namely logout and exit. If the user chooses logout, he/she will be able to see the saved data once he/she logs back in.If he/she chooses exit, all data will be lost

```
Do you want to continue with our service? Press (Y/N): N
:1.Log out(Your data will be saved)
2.Exit(Your data will be lost)
Enter your choice: 1
```

Figure 10: LogOut/Exit

1.4 Review and Feedback

While logging off or while exiting, the user will be prompted for a rating and feedback .

```
1.tog out(Your data will be saved)
2.Esit(Your data will be lost)
Enter your choice: 1

Dear devi,
It was our pleasure to serve you today.

We are working very hard to build a higher quality product for our customers.

We would love to learn more about your opinion.
It would only cost you a couple of minutes but it would mean a lot to us.
Please Enter Y if you would like to give us a feedback: y

On the scale of 1 to 5 (with 5 being the highest):
How would you rate the user interface of the program: 5
How would you rate the available facilities of the program: 5
How would you rate the usefulness of the program to you: 5

Your average rating: 5.80

Please leave a review(less than 200 words):
good

THAMIK YOU!!! Your opinion is highly valued! It will only help us get better and serve you efficiently.

Logging out...
Successfully Logged off.
```

Figure 11: Feedback and Rating

1.5 Logging Back In

If the user chooses to log back in after logging out, he/she is given an option to view his/her previous self assessment, which is saved in a file "Userdetails.txt"

```
Welcome To The Self-Assessment

Please enter 1 to do the self assessment and enter 2 to access your previous assessment: 2

User name* devi
Do you wish to see the entire result(press 1) or the end result(press 2): 1

QUESTIONI:
Press 1 if any of these condition are satisfied:
Press 1 if any of these conditions are not applicable for you:-
Are you immuno-compromised (for example if you have HIV/AIDS, are receiving immuno-suppression therapy or treatment for cancer or have had a transplant).
Have returned to India from travel foreign in the last 4 months or have recorded inter-country travel in the last 60 days.
Have come into contact with someone with respiratory symptoms.
Your option was 0

QUESTION2:
Press 1 if you experience any of these symptoms:
Press 2 if these conditions are not applicable for you:-
Severe difficulty breathing (for example, struggling for each breath, speaking in single words)
Severe chest pain
having a very hard time waking up.
Feeling contised.
Lost consciousness.
Your option was 0

QUESTION3:
Press 1 if you are a child of age below 5 or a senior adult above 60 years.
Press 2 if these conditions are not applicable for you

Your option was 0

QUESTION3:
Press 1 if these conditions are not applicable for you

Your option was 0

RESULT:
The risk of COVID-19 infection is low.Please follow all safety protocols to ensure your safety
```

Figure 12: Viewing Previously Submitted Self Assessment After Logging in

2 Appendix

If the app does not run when the AllInOneCovid19 exe file is run, one needs to ensure that few prerequisites are satisfied.

2.1 Prerequisites to run AllInOneCovid19 App

To run AllInOneCovid19 App, you must,

- 1. Install GCC command line tools in your PC.
- 2. Type the name of the executable file in the command prompt.
- 3. Or double click on application (executable file) in windows mode.

2.2 Frequently asked questions

2.2.1 How to run the executable file

- 1. Type the name of the executable file in the command prompt.
- 2. Double click on application (executable file) in windows mode.

References

[1] https://www.tutorialspoint.com/cprogramming/index.htm