All In One Covid 19 – Quick start Guide
v. 1.0

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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.

Contents

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
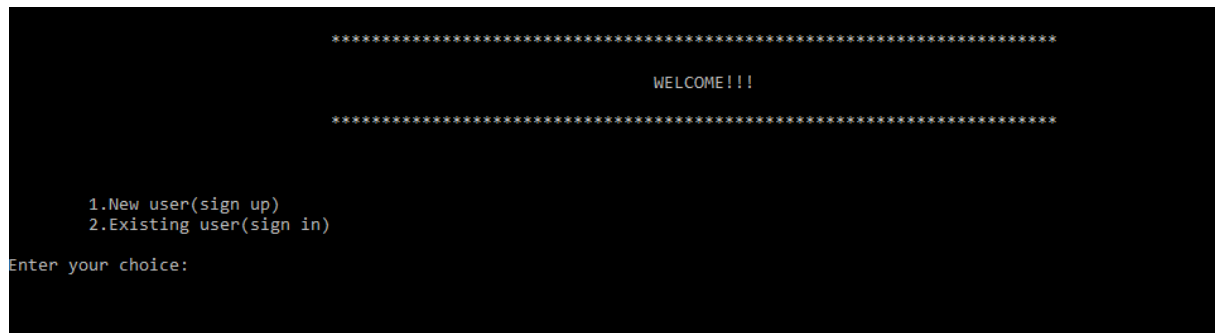

Figure 1: Login Page.

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.

```
*****************************WORLD COUNT*******************************************

Country  Total cases   New cases    Total deaths   New deaths   Total recovered
World    6,441,152     77,956       380,265        3,075        2,946,617
US       1,870,238     10,915       107,620        695          618,867
BRAZIL   539,045       9,640        30,486         440          211,080
RUSSIA   423,741       8,863        5,037          182          186,985
SPAIN    287,012       294          27,127         0            N/A
UK       277,985       1,653        39,369         324          N/A


****************************INDIA COUNT*******************************************

State           Total cases   Total deaths   Total recovered
INDIA           207,135       5,829          100,205
Maharashtra     70013         2362           30108
Tamil Nadu      23495         184            13170
Delhi           20834         523            8746
Gujarat         17200         1063           10780
Rajasthan       8980          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 HIV/AIDS, are receiving immuno-suppression therapy or treatment for cancer or have had a transplant)
 Have returned to India from foreign travel in the last 4 months or has a travel history inside the country in the last 60 days.
 Have come into contact with someone with respiratory symptoms.

 Enter your Choice: 2


QUESTION2:
Press 1 if you experience any one or more 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 confused.
Lost consciousness.

Enter your Choice: 2


QUESTION3:
Press 1 If this 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.



Do you want to continue with our service? Press (Y/N):
```

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 WHO website and through your national and local public health authority.
 Most countries around the world have seen cases of COVID-19 and many are experiencing outbreaks.
 Authorities in China and some other countries have succeeded in slowing 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.When and how to use masks
4.Common inquiries
5.COVID-19 Home care
6.COVID-19: Pregnancy & breastfeeding
7.Getting your workplace ready for COVID-19
8.Myth-Busters

Enter your choice: 8


MYTH-BUSTERS

1.Most people who get COVID-19 recover from it
2.Drinking alcohol does not protect you against COVID-19 and can be dangerous
3.Thermal scanners CANNOT detect COVID-19
4.There are currently no drugs licensed for the treatment or prevention of COVID-19
5.Adding pepper to your soup or other meals DOES NOT prevent or cure COVID-19
6.COVID-19 IS NOT transmitted through houseflies or mosquitoes
7.Exposing yourself to the sun or to temperatures higher than 25C degrees DOES NOT prevent the COVID-19 disease (COVID-19)
8.Being able to hold your breath for 10 seconds or more without coughing or feeling discomfort DOES NOT mean you are free from the COVID-19 disease or any other lung disease.
9.Cold weather and snow CANNOT kill the new COVID-19.

To know reason about above myths enter the number:1


Most people who get COVID-19 have mild or moderate symptoms and can recover thanks to supportive care.
If you have a cough, fever and difficulty breathing seek medical care early - call your health facility by telephone first.


Do you want to continue with our service? Press (Y/N):
```

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.

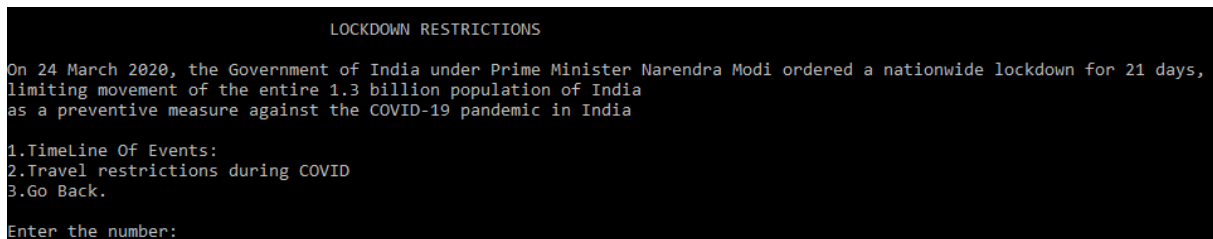2. Travel Restrictions.

3. Go back to main menu.

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
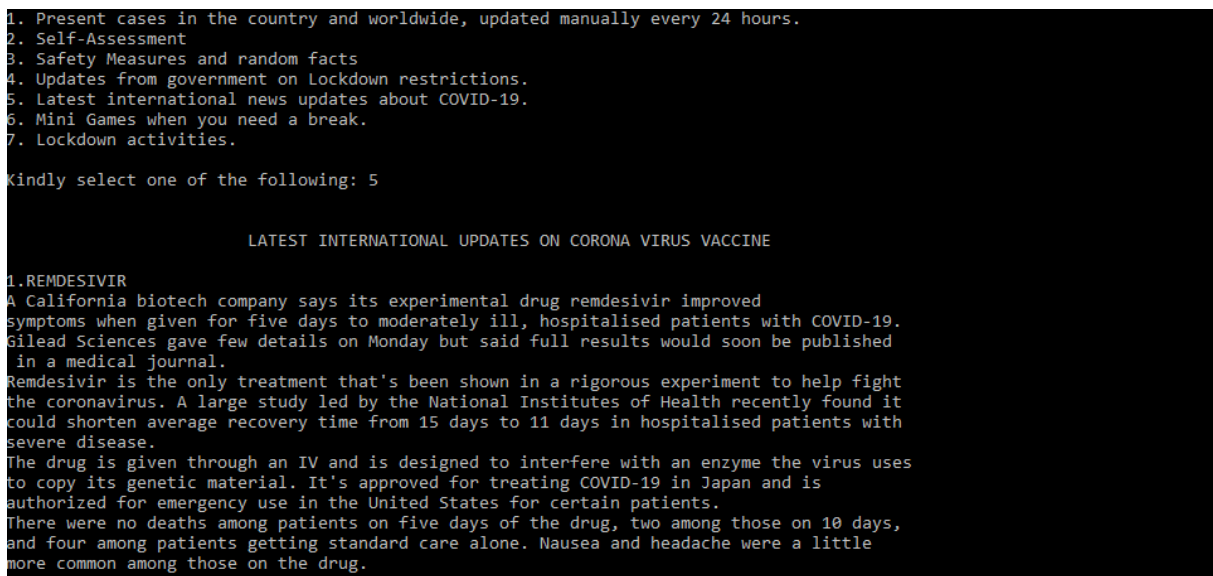

Figure 7: International News

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

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.

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

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 .

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"

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