Splash Screen: The beginning of the program, the splash screen.The splash Screen is the beginning page (or home page) of a website or app. The splash screen will contain the name of the app, an image as background, a button to start and a button to show the instructions. It is a very simple program and can be easily made in tkinter.

Start Screen: Is the second part of the program. In a window you will find an entry to show the pincode(non integer numbers(bools,floats and bits) will be disallowed, including not valid pin codes) and the severity(low,mild,severe. To show the hospital just right for the user). This can also be made easily in tkinter.

Google map API:Now this is the hard part. The google map API uses free google clients to show the necessary part of the map. Or else you can use this neat library I just found called gmplot which is extremely simple.But it only allows latitude and longitude values. Oh wait! I just found about a program you can use to change pin code to latitude and longitude values.

Hospital database: The HD (or hospital database) is a curated list of websites that contain valuable info about multiple hospitals. All these hospitals will be tagged to the map.

Tracker: The Tracker goes to all of the specified locations and back and tracks the distance between them and does it for all the locations, this is then added to the database. Oh! I found a module called haversine that does just that.

Showing info: Just show those points in the coordinate system and keep widgets that show the info on top of them, doing it is going to be the tricky part.

Score: Just take all the good things and divide by bad things(for eg-vacant beds x amount of oxygen(litres) x percent that go out living / used beds x distance x percent that die due to covid related disease)

Color: Now we can make a color coded chart based on the score and color the specific widgets. Just use if, elif statements.

Home button: Just create a button widget on the top left corner that leads back to the main page, you can do this by enclosing the main page in a function.

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