Covid-19 Testing Management System

Class 12 computer science project

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Project features

- Adding new testing centres

- Search for available testing centres by locality

- Update and delete testing centres

- Show all testing centres by city, state

- Shows number and type of testing kits available at each centre.

Software to be used

- Python

- Sql for creating a database

- Library to interface between python and sql

- Either Django (to create a webapp) or a gui library to create the ui (not decided yet)

Implementation

1. <u>Login page</u> (Has a simple login prompt designed using a <u>gui</u> library that asks for user id and password.)

2. <u>Menu</u>:

a. Add testing centre

B. Delete testing centre

C. Edit number of testing kits available

D. Search for testing centre by district/city/state

E. Show all testing centres

3. Separate sections for:

a. Adding new centre

b. Deleting centre

c. Updating centre information

d. Searching for centre

e. Nationwide data