

PATIENT SHELTER APPLICATION

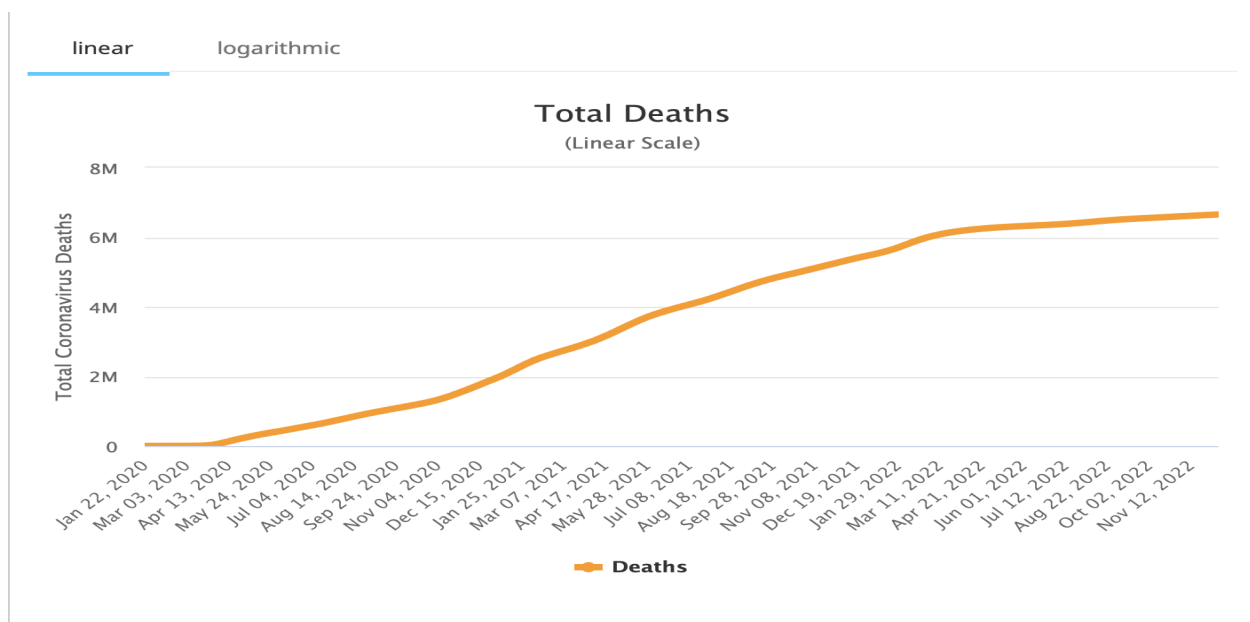
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Problem statement / Context-

- Covid-19 is a disease that occurred in 2019 and has shaken up the world's economy, prevalent to even today! Numerous myriads of people are vaccinated but nonetheless, healthcare facilities are still not efficient enough to cover all areas of the world.
- Due to covid-19, the world has suffered great loss of people in the past 3 years (2019-2022)
- Total cases being 685M, reports show 6.65M positive cases.



Death rate from 2020-2022

Measures taken-

- The federal government of all countries of the world are keeping up with high vaccination rates.
- On the other hand, the government is ensuring safety measures by improving vaccinated datasets and feedback of public in order to boycott coronavirus.
- Technology has always played a major hand in establishing a society to demolish global problems. In this case, creating healthcare applications to stay alerted on the requirements

and necessities of the people is very helpful to the authorities to stay up to date with the drugs quantities.

Our approach to the problem-

- By creating a platform called “Patient- shelter application”
- We look forward to help the government by giving our collective inputs of data required for covid-19.
- Patient Shelter application creates a common ground for various institutions involved in the drug distribution and utilisation systems.
- Thus, having a technological support to eliminate the prevalent virus that has disrupted mankind since 3 years, we hope to help the world for the benefit of people by ensuring their health

Application Details-

For “Patient- shelter application”

In the System, We are establishing a network of cities that connects a person to an organization and enterprise consisting

- Hospital,
- Vaccine Manufacturer,
- Pharmacy,
- Laboratories.

We can manage the entire

- Vaccine Distribution,
- Vaccination Status,
- COVID-19 testing,
- Admit Patients for Doctor consultation,
- Track Vital Signs.

In total we have

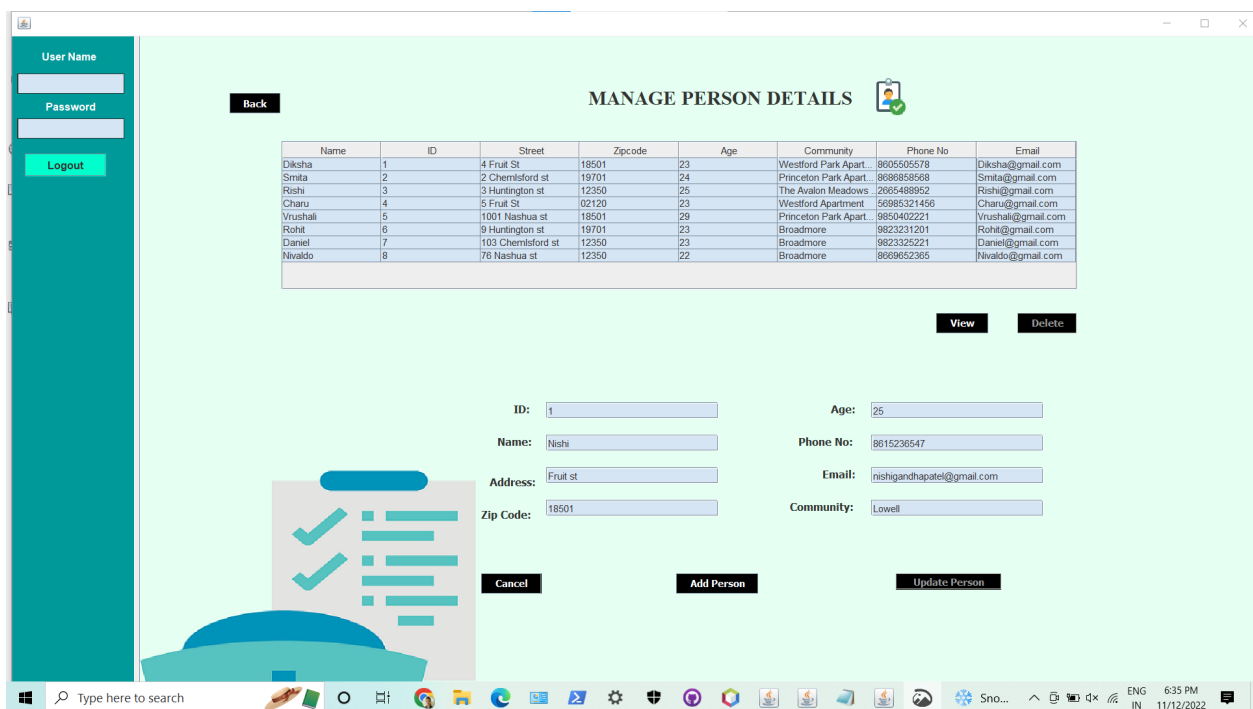
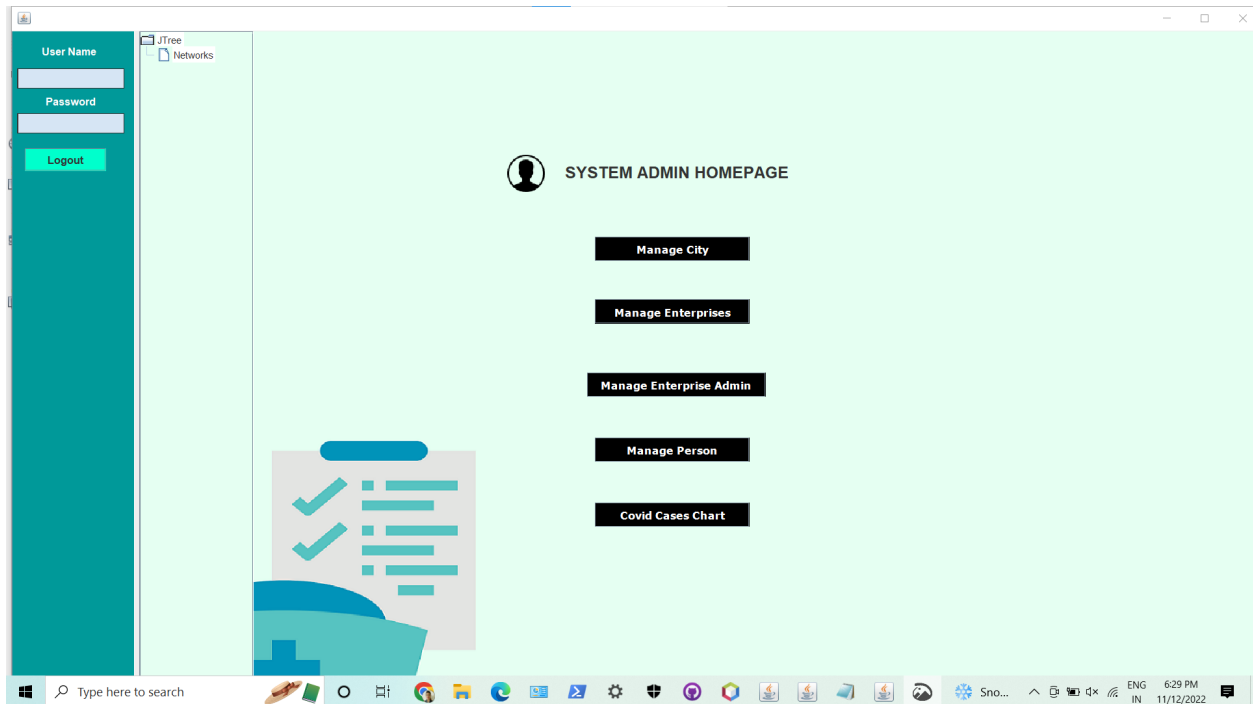
- 4 Enterprises,
- 10 Organizations,
- 11 Roles

This project thus shows the versatility and usability in accordance to the deadly virus, Corona-Virus.

S.no	Enterprises	Organizations	Roles
1	Hospital	Doctor organisation	Doctor
2	Laboratory	Hospital Admin organisation	Hospital Admin
3	Vaccine Provider	Hospital staff organisation	Hospital staff
4	Pharmacy	Delivery Manager organisation	Delivery Manager
5		Laboratory admin organisation	Laboratory admin
6		Patient organisation	Patient
7		Pharmacy Admin organisation	Pharmacy Admin
8		Pharmacy Staff organisation	Pharmacy Staff
9		System admin organisation	System admin
10		Vaccine provider organisation	Vaccine provider
11			Person

Notable features-

- Vaccine Status
- Vaccine Inventory Management
- Covid -19 Testing
- Hospital data recovery



User Name

Password

Logout

MANAGE ENTERPRISE DETAILS

Back

Name	EnterpriseID	City	Type
Lowell General Hospital	1	Lowell General Hospital	Hospital
Lab Corp	2	Lab Corp	Laboratory
CVS	3	CVS	Pharmacy
Serum Institute	4	Serum Institute	VaccineProvider

City: Boston

ID:

Enterprise Type: VaccineProvider

Name:

Add Enterprise Details

User Name
Password
Logout

MANAGE PATIENT PANEL

BackPerson Name:Search

Person Name	ID	Age	Community
Diksha	1	23	Westford Park Apartment
Smita	2	24	Princeton Park Apartment
Rishi	3	25	The Aston Meadows Apartment
Charu	4	23	Westford Apartment
Vrushali	5	29	Princeton Park Apartment
Rohit	6	23	Broadmore
Canal	7	23	Broadmore
Nivako	8	22	Broadmore
Nishi	9	25	Island

View Person

Patient Name:Vaccination Status:Non-vaccinated

Username:NishiQuarantine Place:Hospital Quarantine

Password:Nishi@123Assign Doctor:

Admit Patient

Patient Name	Patient ID	Vaccination Status	Quarantine	Doctor
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Delete Patient

Windows Taskbar

User Name
Password
Logout

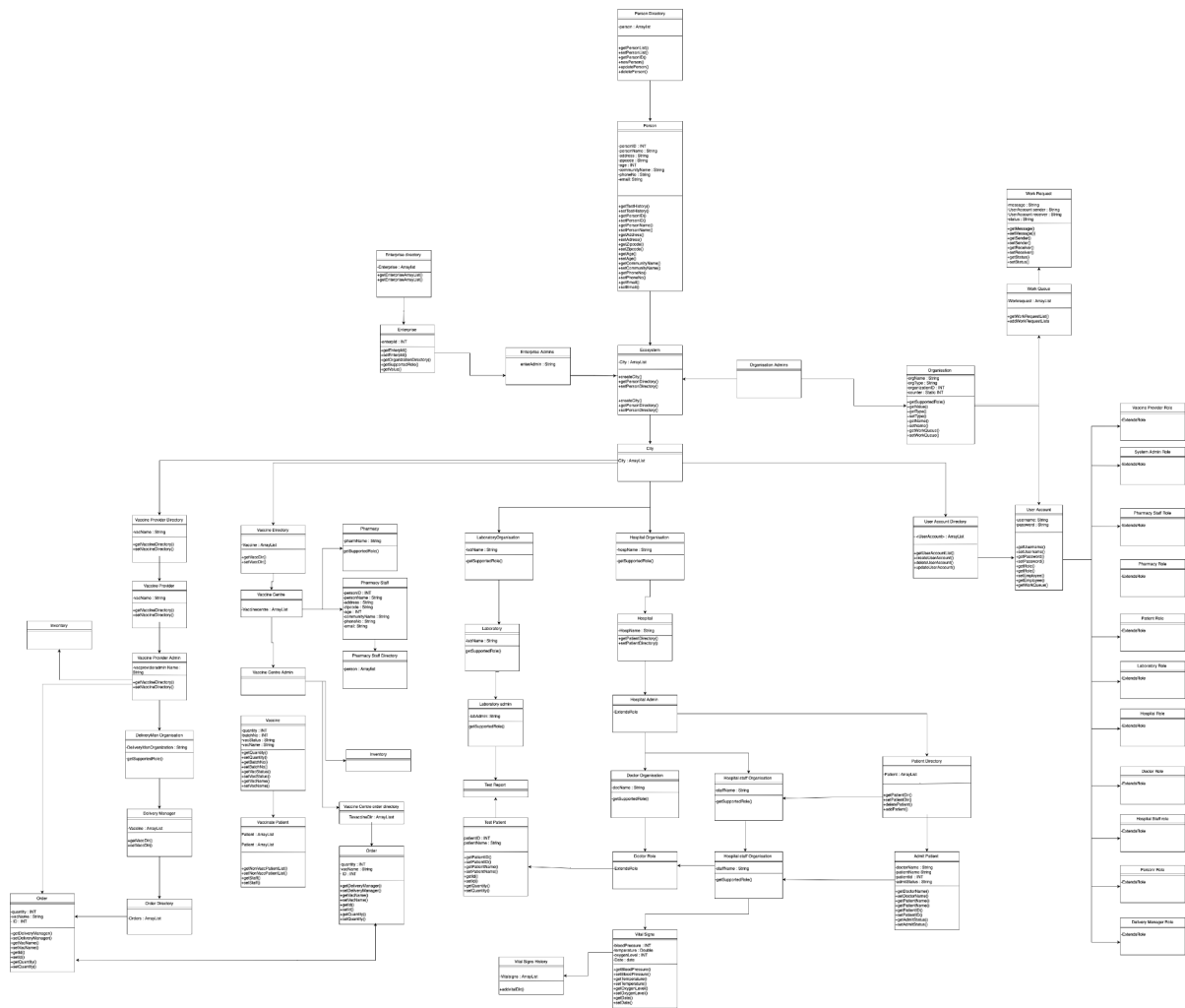
VACCINE PROVIDER HOMEPAGE

Manage Storage
Manage Delivery Staff
Manage Orders

Illustration of a clipboard with a checklist and a vaccine vial

Windows Taskbar

UML - Class diagram-



Flow Chart-

