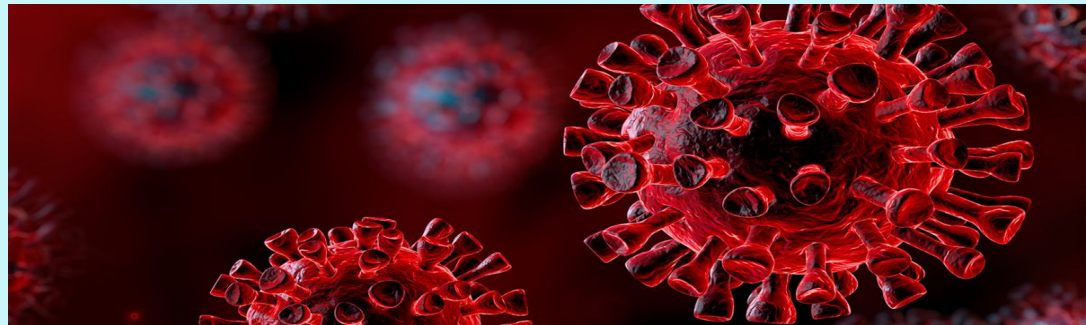# Patient Shelter Application
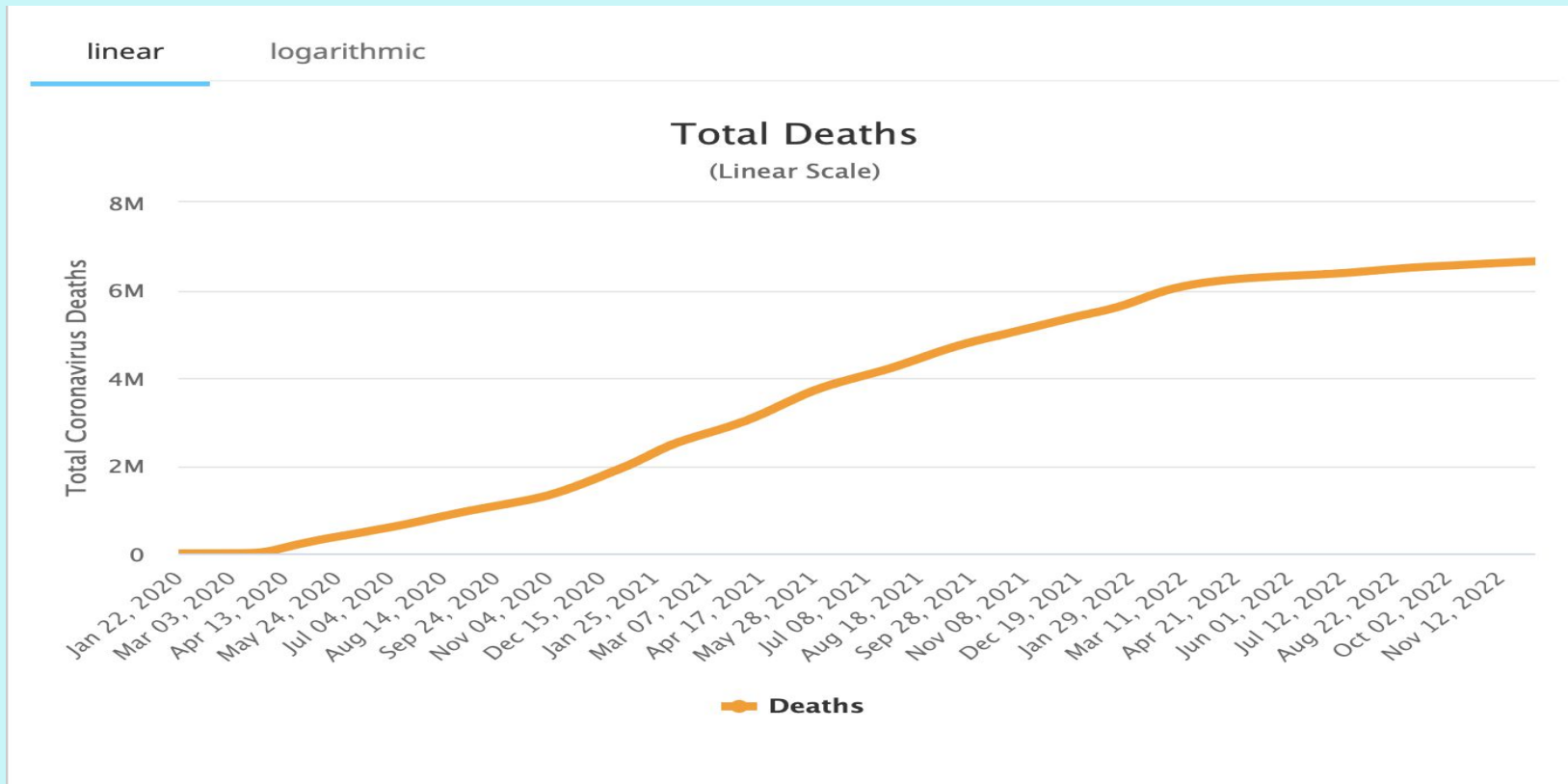
- Manimanya Reddy
- Nishigandha patel
- Urmi Patel

Problem statement-

- Covid-19 is a disease that occured 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.

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.

Disinfect surfaces around your home and work.

Wash your hands for at least 20 seconds.

Sneeze or cough? Cover your mouth.

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,
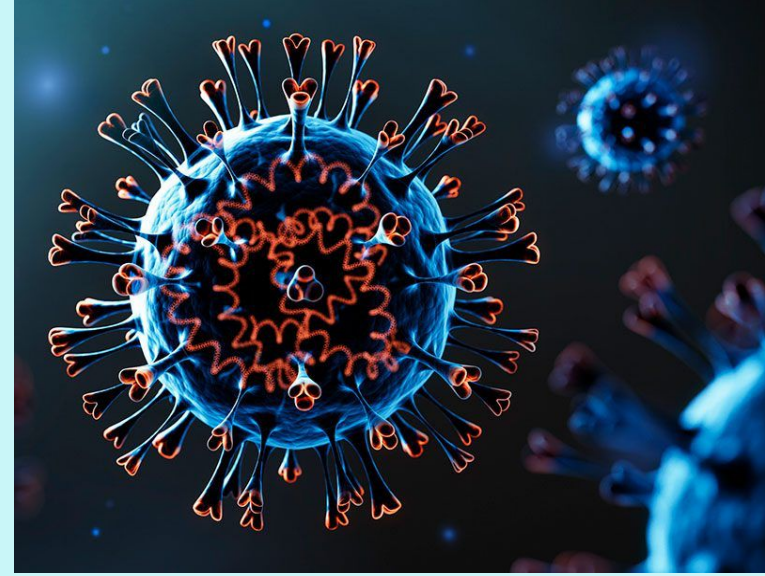- Vaccine Manufacturer,
- Pharmacy,
- Laboratories.

We can manage the entire

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

Application Details-

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.
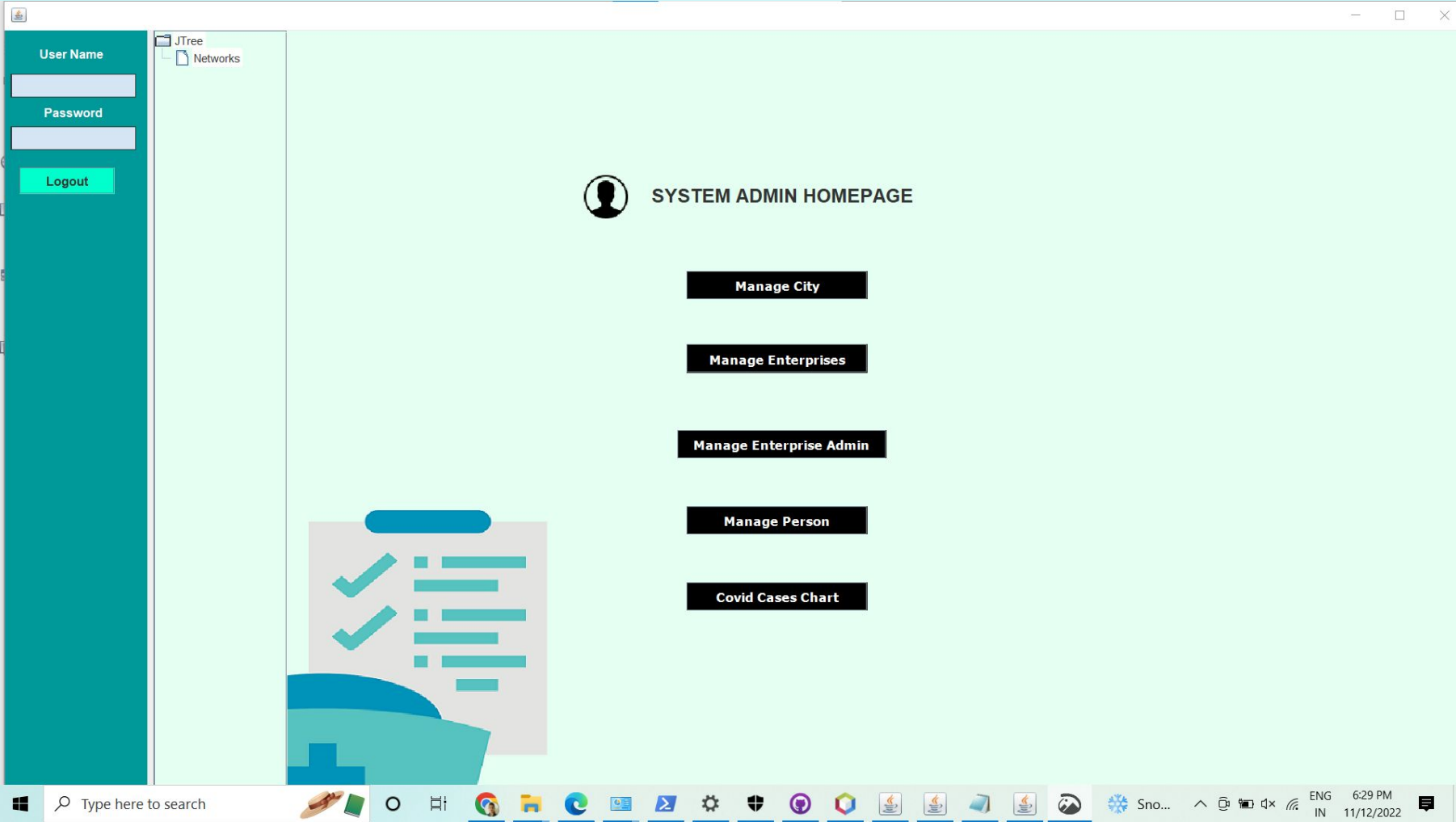
S.no	Enterprises	Organisations	Roles
1	Hospital	Doctor organisation	Doctor
2	Laboratory	Hospital Admin organisation	Hospital Admin
3	Vaccine Provider	Hospital staff organisation	Hospital staff
4	Pharmacy	Delivery Manager organisation	Delivery Manager
5		Laboratory admin organisation	Laboratory admin
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

Followed by few screenshots of Patient Shelter Application

JTree
  Networks

SYSTEM ADMIN HOMEPAGE

Manage City

Manage Enterprises

Manage Enterprise Admin

Manage Person

Covid Cases Chart

Back

MANAGE PERSON DETAILS

Name	ID	Street	Zipcode	Age	Community	Phone No	Email
Diksha	1	4 Fruit St	18501	23	Westford Park Apart…	8605505578	Diksha@gmail.com
Smita	2	2 Chemlsford st	19701	24	Princeton Park Apart…	8686858568	Smita@gmail.com
Rishi	3	3 Huntington st	12350	25	The Avalon Meadows .	2665488952	Rishi@gmail.com
Charu	4	5 Fruit St	02120	23	Westford Apartment	56985321456	Charu@gmail.com
Vrushali	5	1001 Nashua st	18501	29	Princeton Park Apart…	9850402221	Vrushali@gmail.com
Rohit	6	9 Huntington st	19701	23	Broadmore	9823231201	Rohit@gmail.com
Daniel	7	103 Chemlsford st	12350	23	Broadmore	9823325221	Daniel@gmail.com
Nivaldo	8	76 Nashua st	12350	22	Broadmore	8669652365	Nivaldo@gmail.com

View   **Delete**

ID: `1`   Age: `25`

Name: `Nishi`   Phone No: `8615236547`

Address: `Fruit st`   Email: `nishigandhapatel@gmail.com`

Zip Code: `18501`   Community: `Lowell`

Cancel   **Add Person**   **Update Person**

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 Institue	4	Serum Institue	VaccineProvider

City: Boston

ID:

Enterprise Type: VaccineProvider

Name:

Add Enterprise Details

Password

Logout

HOSPITAL ADMIN HOMEPAGE

Manage Doctor

Manage Patient

Manage Staff

Generate Request For Non-Vaccinated People

Logout

MANAGE PATIENT PANEL

Back

Person Name: _____ **Search**

Person Name	ID	Age	Community
Diksha	1	23	Westford Park Apartment
Smita	2	24	Princeton Park Apartment
Rishi	3	25	The Avalon Meadows Apartme...
Charu	4	23	Westford Apartment
Vrushali	5	29	Princeton Park Apartment
Rohit	6	23	Broadmore
Daniel	7	23	Broadmore
Nivaldo	8	22	Broadmore
Nishi	9	25	lowell

View Person

Patient Name: Nishi

Username: Nishi

Password: Nishi@123

Vaccination Status: Non-vaccinated

Quarantine Place: Hospital Quarantine

Assign Doctor:

Admit Patient

Patient Name	Patient ID	Vaccination Status	Quarantine	Doctor

Delete Patient

Type here to search

ENG
IN
6:39 PM
11/12/2022

User Name

Password

Logout

VACCINE PROVIDER HOMEPAGE

Manage Storage

Manage Delivery Staff

Manage Orders