# DATA SYSTEMS AND WEB LAB

# PROJECT REPORT

## TITLE OF THE PROJECT :-

- COVID-19 WEB APPLICATION

## GROUP MEMBERS :-


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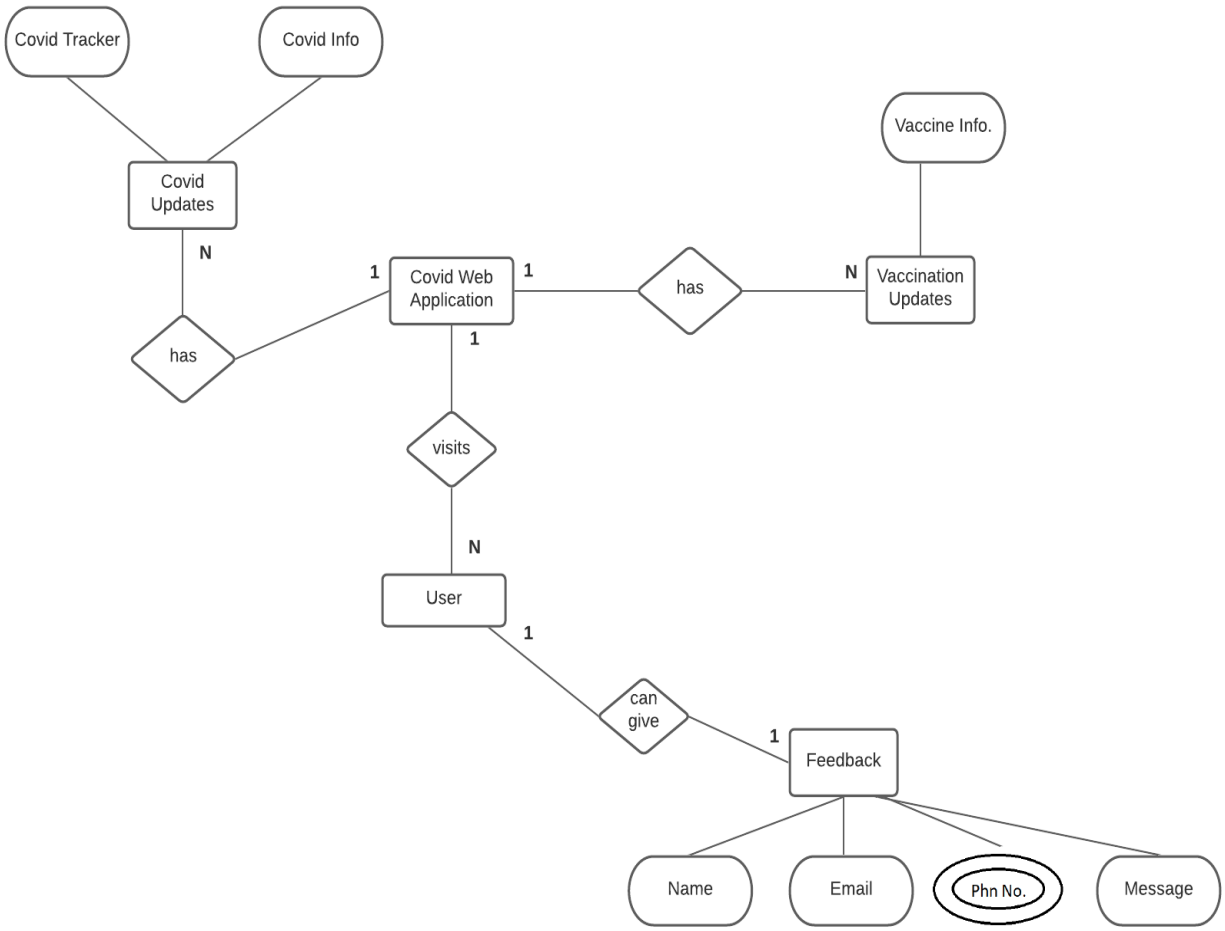
- Ishan Chaudhary – 20103059 (B3)
- Siddharth Visen – 20103080 (B3)
- Shivi Mehrotra – 20103064 (B3)


## PROJECT DESCRIPTION :-

COVID-19 Web Application aims to provide an easier access for all the updates related to COVID-19 Virus. This application is made using HTML, CSS , JAVACRIPT , PHP along with the database MySQl. With the help of this application ,the user will be able to -

- Track the status of COVID-19 Virus in different states of India and World.
- Learn about COVID-19 Virus and its different variants.
- Learn about the different vaccines used.
- Feedback form for the user.

## ER – DIAGRAM :-

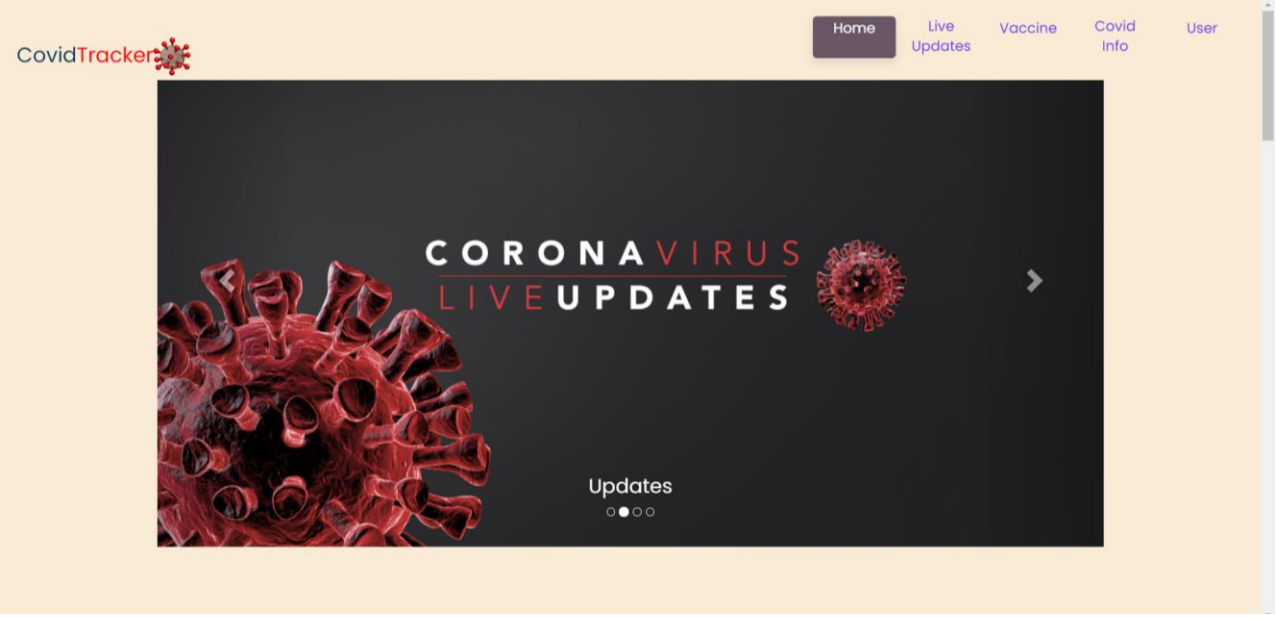

Covid Tracker
Covid Info
Covid Updates
N
has
1
Covid Web Application
1
has
N
Vaccination Updates
Vaccine Info.
1
visits
N
User
1
can give
1
Feedback
Name
Email
Phn No.
Message

## ACKNOWLEDGEMENT

I would like to express my special thanks of gratitude to my project guide **MR. MAHENDRA KUMAR GURVE SIR** who gave us the golden opportunity to do this wonderful project on the topic **COVID-19 WEB APPLICATION**, which also helped us in doing a lot of research and we came to know about so many new things I am really thankful to them.

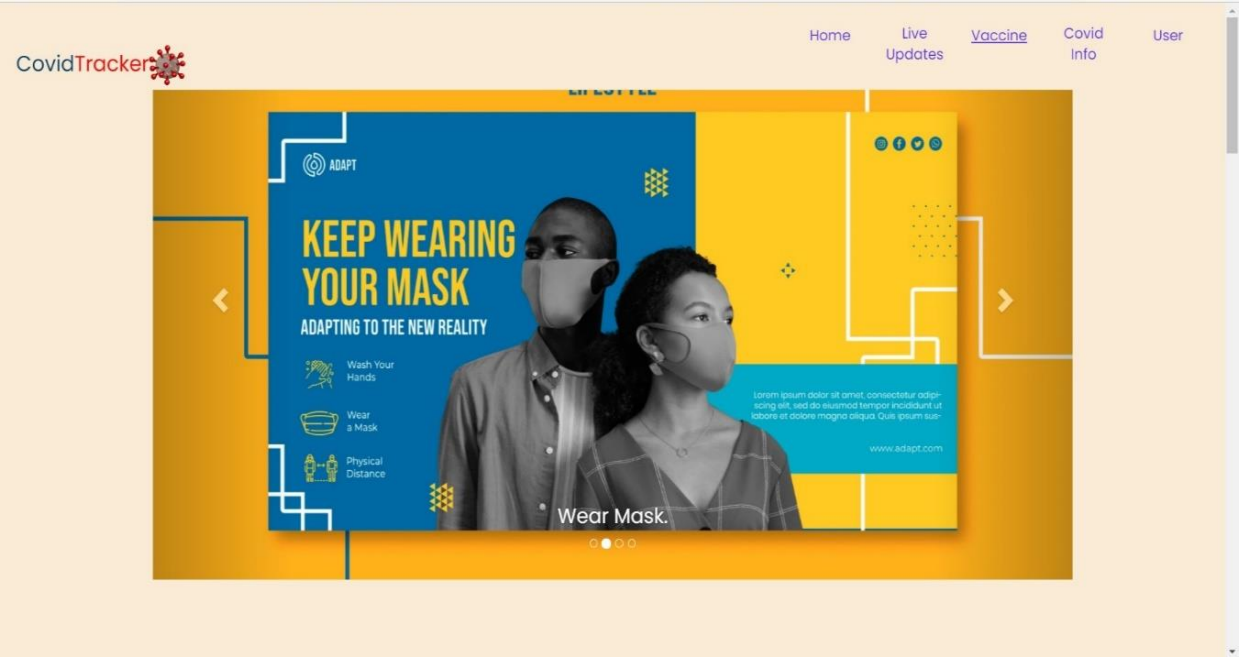
SecondlyI would also like to thank my teammates Ayush , Siddharth and Ishan who helped me a lot in finalizing this project within the limited time frame.

## RESULTS AND SCREENSHOTS

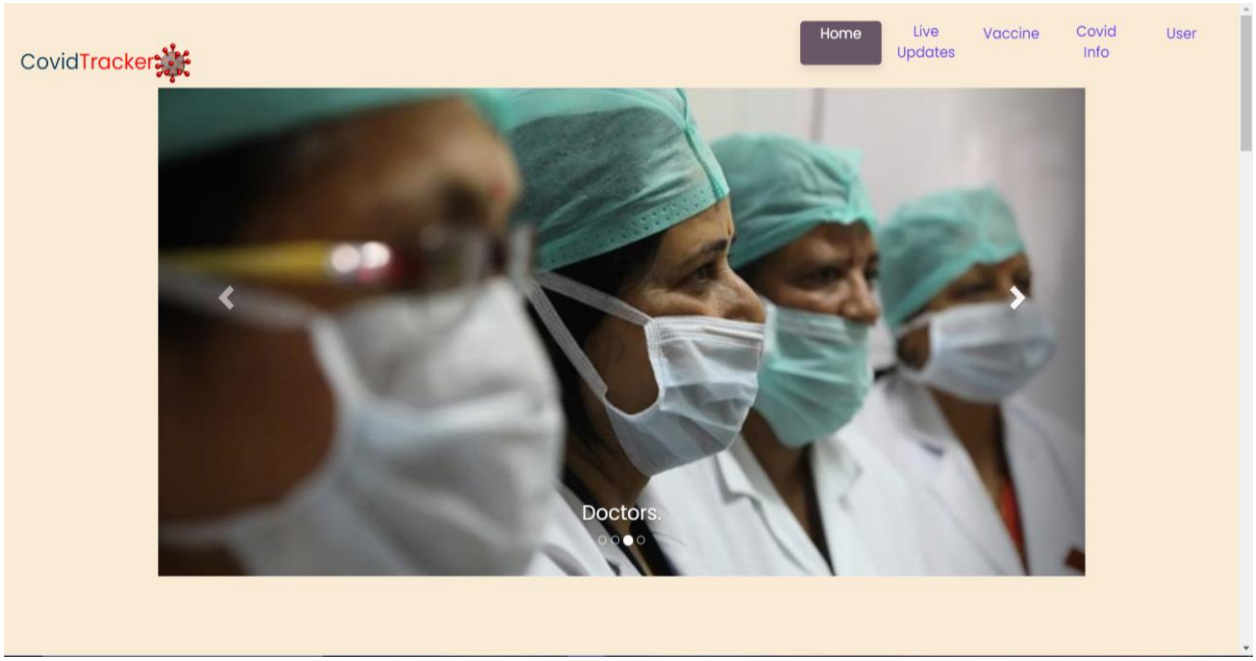



- This is the screenshot of the caraousels used in the main page of our project. This is the first picture. There is also a navigation bar on the top of the page

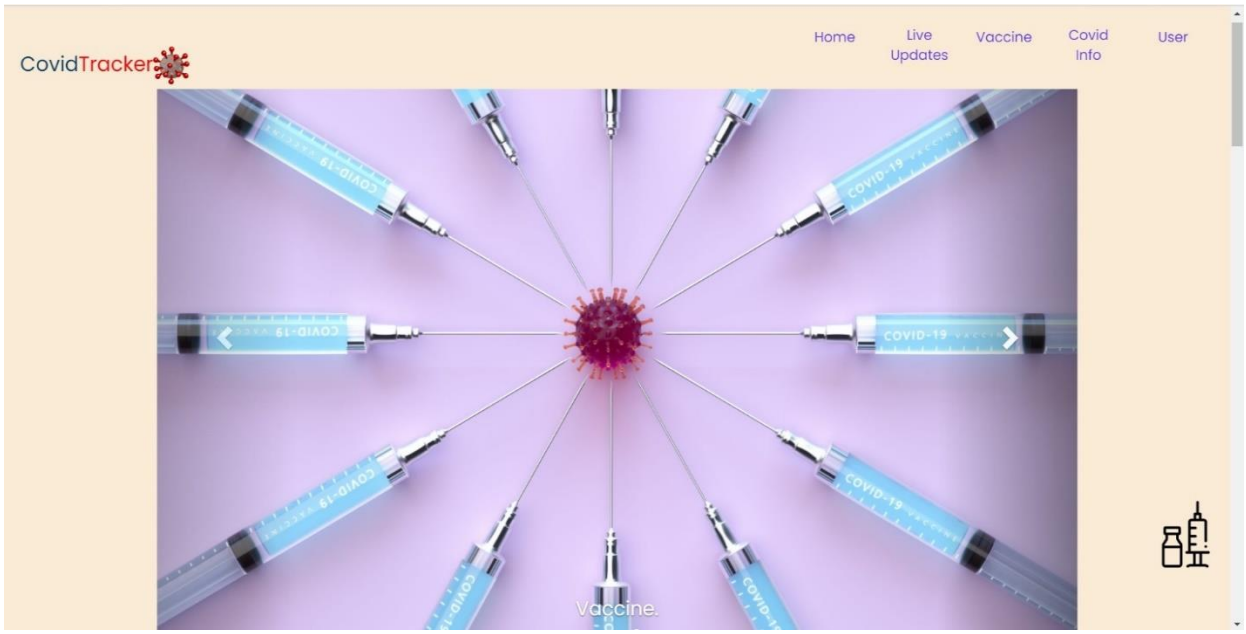
which provides easy access to different pages of our website. Currently we are in the Home page.



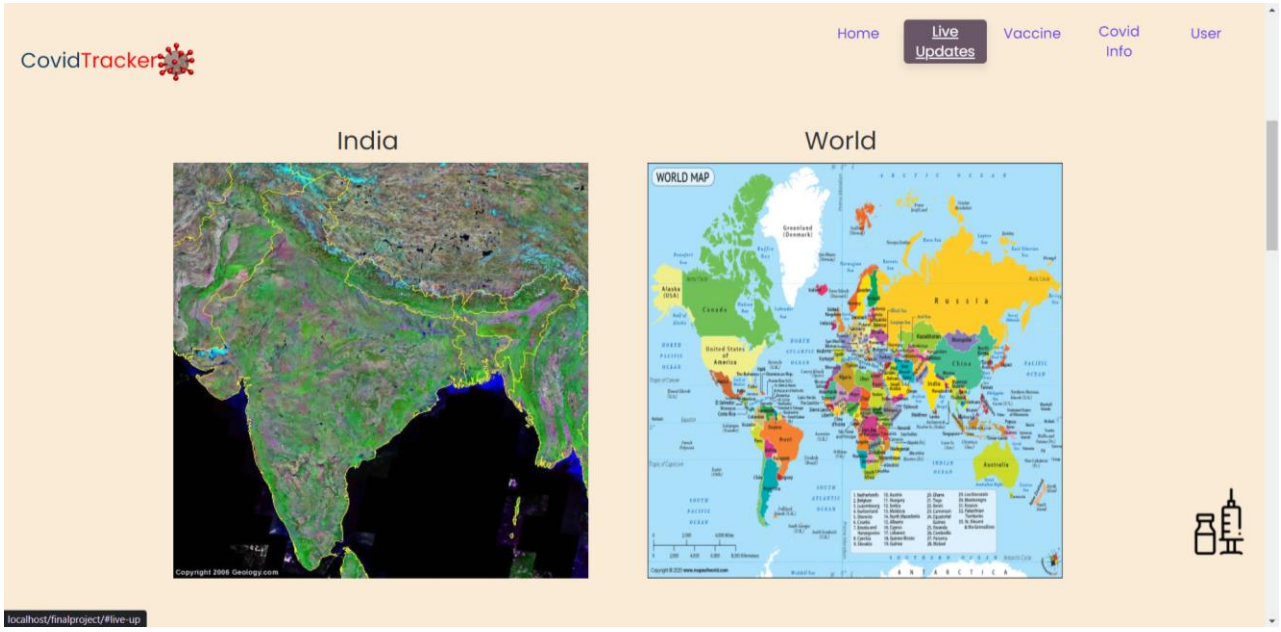

- This is the second picture of the carousel.




- Above is the third picture of the carousel.




- This is the fourth picture of the carousel.

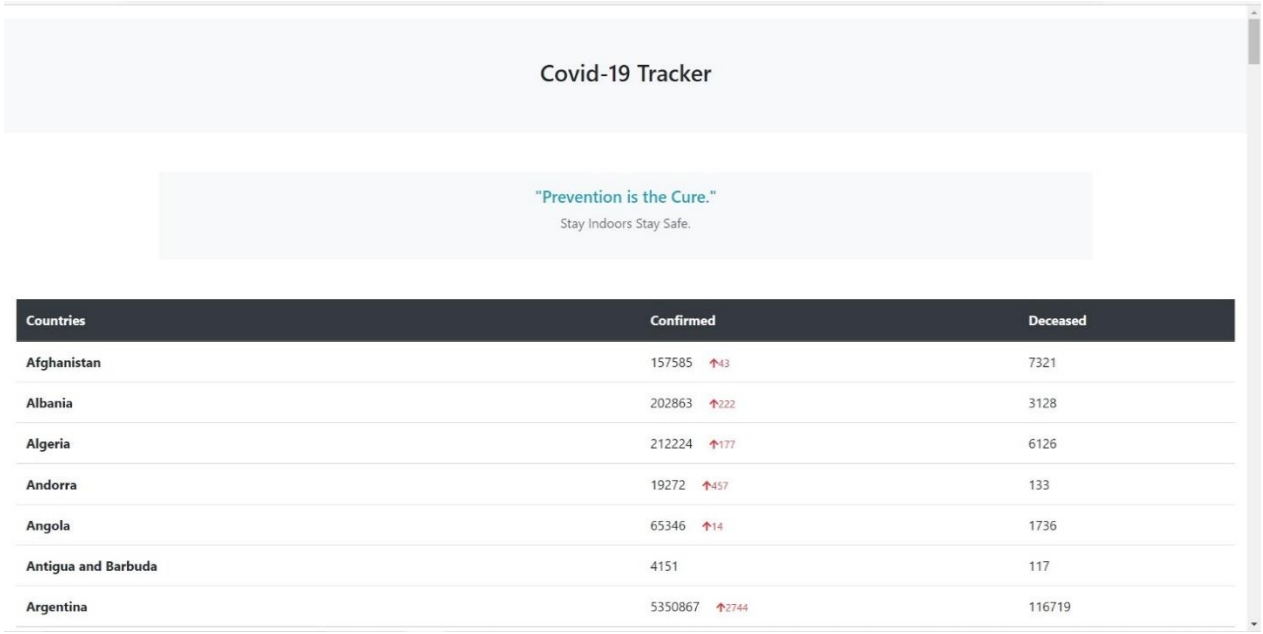



- This part of the main page consists of two images of India and the World. These images contain the active hyperlinks to the Covid-19 tracker pages of both India and the World. Here, we are in the Live Updates section of our website.

Statewise Covid-19 Cases In India

| State | Confirmed | Recovered | Deceased | Active |
|---|---|---|---|---|
| Andaman and Nicobar Islands | 7549 | 7419 | 129 | 1 |
| Andhra Pradesh | 1994606 | 1963728 | 13660 | 17218 |
| Arunachal Pradesh | 51513 | 49425 | 252 | 1836 |
| Assam | 580657 | 566101 | 5502 | 7707 |
| Bihar | 725497 | 715635 | 9649 | 212 |
| Chandigarh | 62031 | 61177 | 811 | 43 |
| Chhattisgarh | 1003814 | 989128 | 13548 | 1138 |
| Dadra and Nagar Haveli and Daman and Diu | 10660 | 10617 | 4 | 8 |
| Delhi | 1437118 | 1411582 | 25069 | 467 |
| Goa | 172568 | 168519 | 3176 | 873 |
| Gujarat | 825196 | 814934 | 10078 | 184 |
| Haryana | 770230 | 759904 | 9660 | 666 |
| Himachal Pradesh | 210419 | 204167 | 3535 | 2695 |
| Jammu and Kashmir | 323499 | 317872 | 4398 | 1229 |
| Jharkhand | 347620 | 342253 | 5131 | 236 |

- When we click on the image of Indian Map. It will direct us to this page which tells us the status of Covid-19 cases in different states of our country. This is an API based webpage whose data is take from an API- https://data.covid19india.org/data.json



Covid-19 Tracker

"Prevention is the Cure."

Stay Indoors Stay Safe.

| Countries | Confirmed | Deceased |
|---|---|---|
| Afghanistan | 157585 ↑43 | 7321 |
| Albania | 202863 ↑222 | 3128 |
| Algeria | 212224 ↑177 | 6126 |
| Andorra | 19272 ↑457 | 133 |
| Angola | 65346 ↑14 | 1736 |
| Antigua and Barbuda | 4151 | 117 |
| Argentina | 5350867 ↑2744 | 116719 |

- Similarly, when we click on the image of World Map, we are directed to another page which consists the record of Covid-19 cases in different countries of the world. This is also an API based project whose data is take from API- https://pomber.github.io/covid19/timeseries.json

ABOUT THE VACCINE.

**Covaxin**

*COVAXIN®, India's Indigenous COVID-19 Vaccine By Bharat Biotech Is Developed In Collaboration With The Indian Council Of Medical Research (ICMR) - National Institute Of Virology (NIV). The Indigenous, Inactivated Vaccine Is Developed And Manufactured In Bharat Biotech's BSL-3 (Bio-Safety Level 3) High Containment Facility. The Vaccine Is Developed Using Whole-Virion Inactivated Vero Cell Derived Platform Technology. Inactivated*

**Covishield**

*The CoviShield COVID-19 (AZD1222) (C19VAZ) Vaccine, Formerly Known As ChAdOx1 NCoV-19, Is Made From A Virus (ChAdOx1), A Weakened Version Of A Common Cold Virus (Adenovirus). In Addition, Genetic Material Has Been Added To The ChAdOx1 Construct, Which Is Used To Make Proteins From The SARS-CoV-2 Coronavirus Called Spike Glycoprotein (S). Drug Regulators In India Granted Emergency Approval For The Coronavirus Vaccine Co-Developed By AstraZeneca Plc And The University Of Oxford On January 1, 2021. This Vaccine Is The Same Formulation As The Vaxzevria (AZD1222) Vaccine. On February 15, 2021, The World Health Organization (WHO)*

- When we click on the Vaccine option the navigation bar , we are directed to a new page as shown above which consists the information about the different Vaccines used in India.

# HOW TO PREVENT VIRUS

### Wash Your Place

Regular Household Cleaning And Disinfection Products Will Effectively Eliminate The Virus From The Surfaces.For Cleaning And Disinfecting Households With Suspected Or Confirmed COVID-19 Surface Virucidal Disinfectent,Such As 0.05% Sodium Hypochlorite And Products Based On Ethanol Should Be Used

### Maintain Social Distance

This Involves Avoiding Public Gatherings, Limiting The Number Of Visitors To Your Home, Staying At Home More Often, Keeping A Safe Distance From Other People And Catching Up With Friends And Family Virtually Instead Of In Person.

### Dont Touch Face

Try To Avoid Touching The Eyes, Nose And Mouth, Which Can Be An Effective Way Of Halting The Spread Of Diseases. Viruses Can Live For Days On Surfaces From Desktops To Door Handles, And Once On Our Hands Can Be Transferred Into Our Bodies Through These Entry Points.

### Wash Your Hands

To Prevent Contamination, Good Hand Washing Techniques Must Be Practised. Hand Washing Is Also The Least Expensive Measure To Prevent Transmission Of Nosomical Infections. Hand Washing Is Just One Important Way Of Avoiding Transmission Of Organisms Present On The Hands.

### Use Napkins

Napkins Are Clean Substances. These Help To Wipe Your Face And Hands In Case You Have Touched Your Face Or Touched Anything Outdoor. Always Have A Pack Of Napkins.

### Wear A Mask

Make Wearing A Mask A Normal Part Of Being Around Other People. The Appropriate Use, Storage And Cleaning Or Disposal Of Masks Are Essential To Make Them As Effective As Possible.

# COVID-19 SYMPTOMS

Dry Cough

Sore Throat

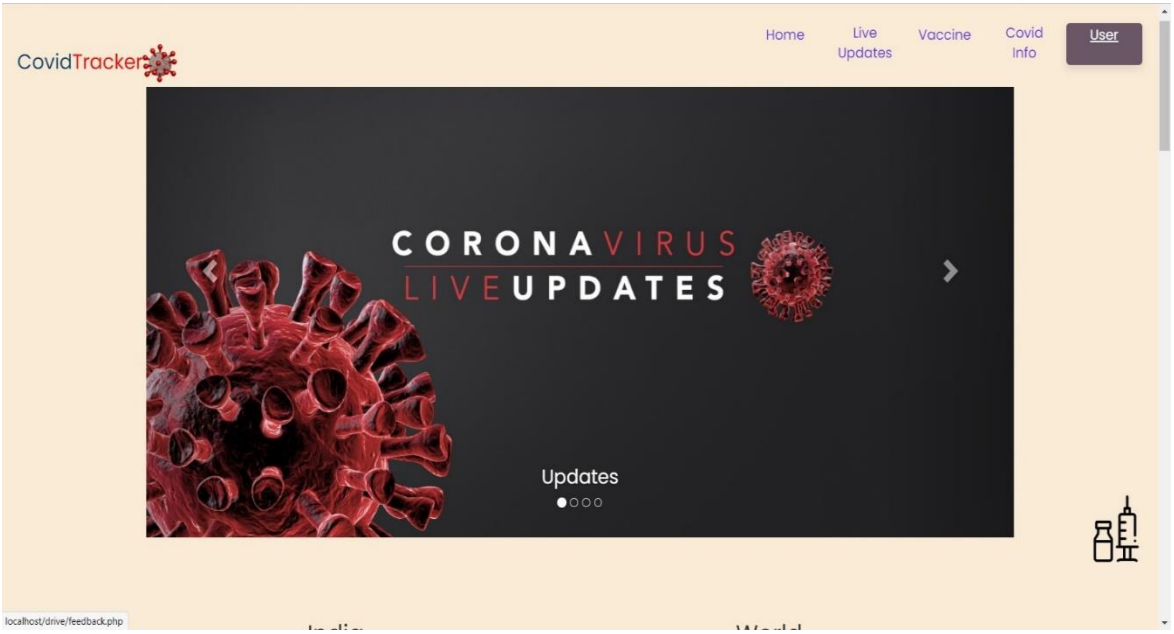
Cold

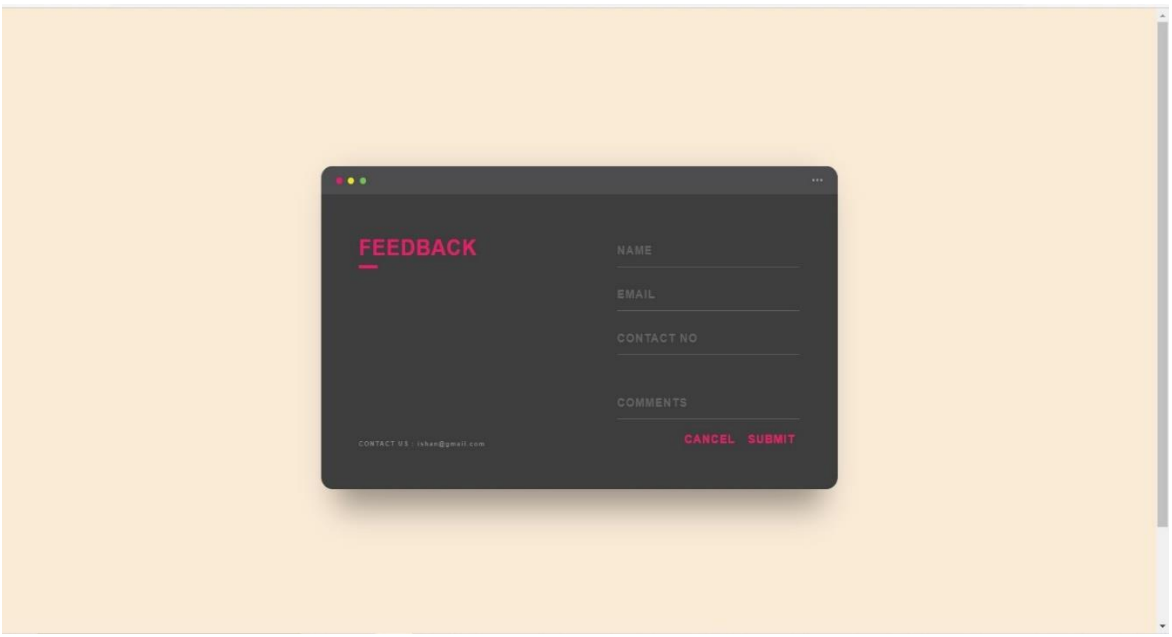
Fever

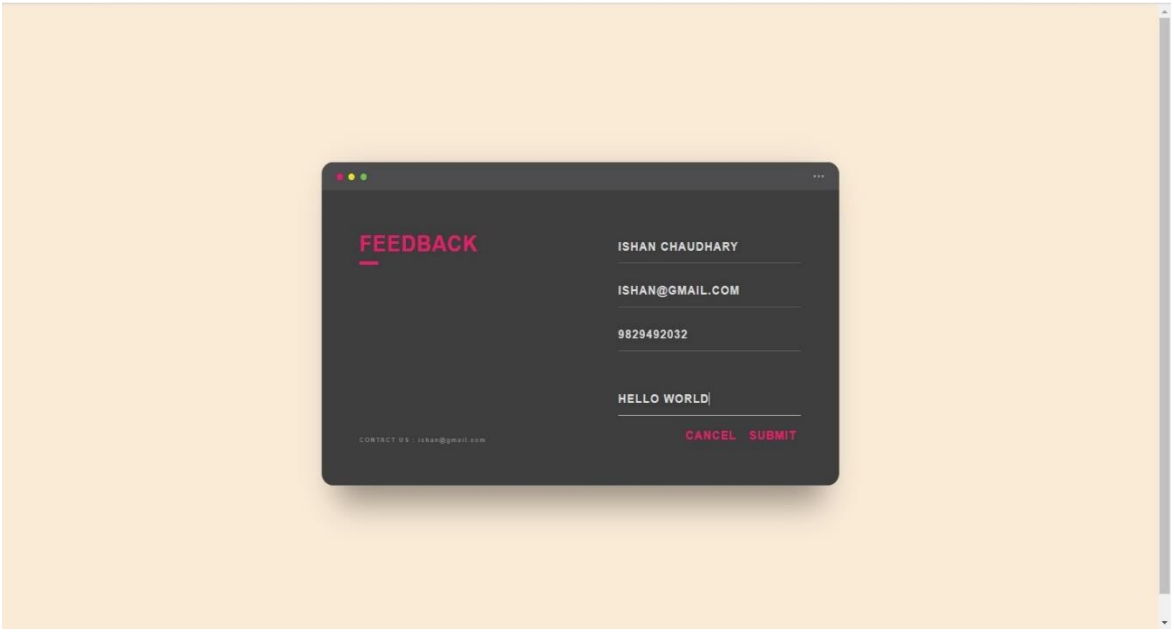
Headache

Vomiting

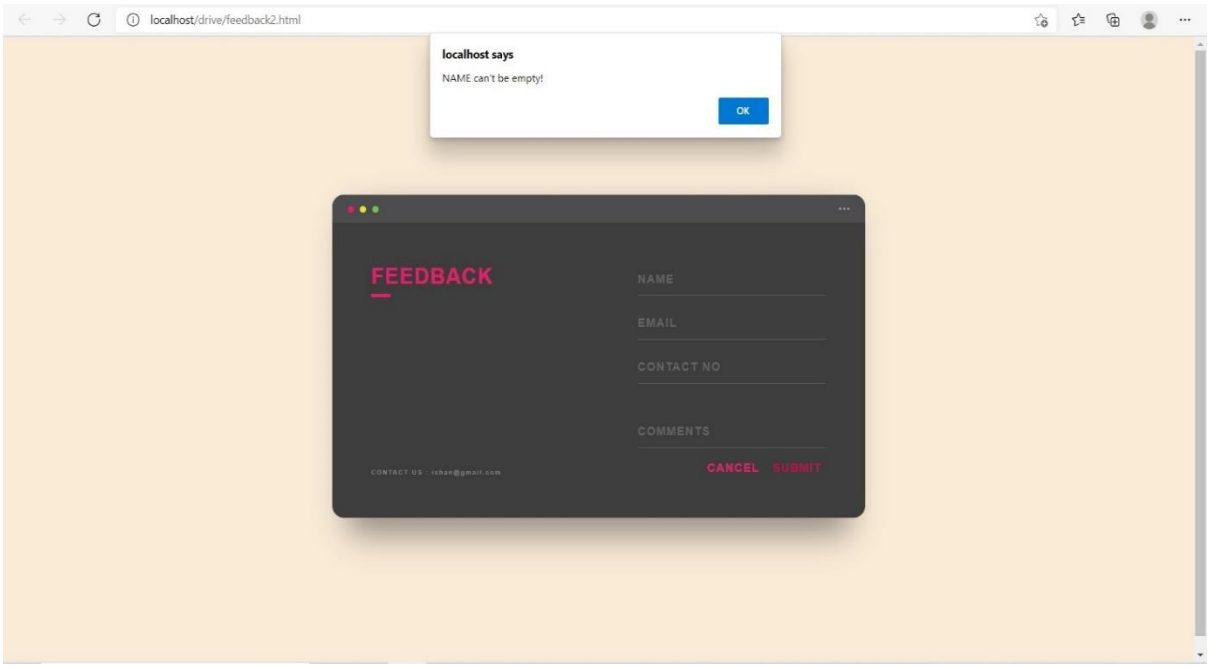
- When we click on the Covid Info option in the navigation menu , we are directed to this page which consists of articles on prevention, symptoms and precautions of Covid-19.

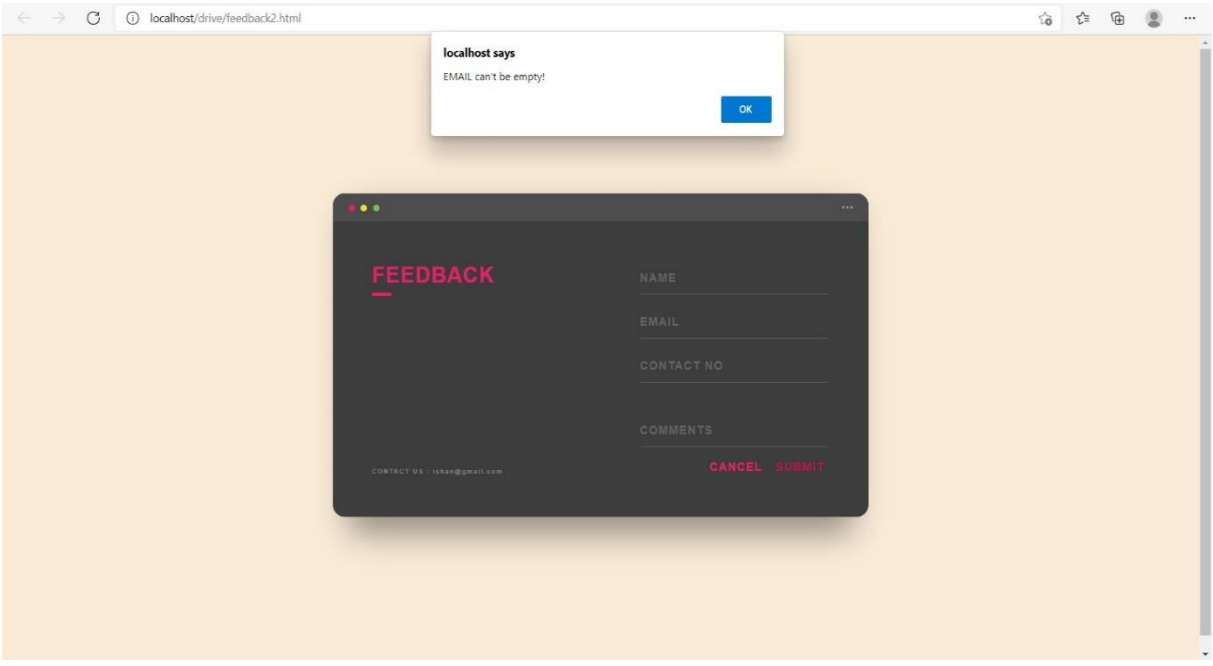


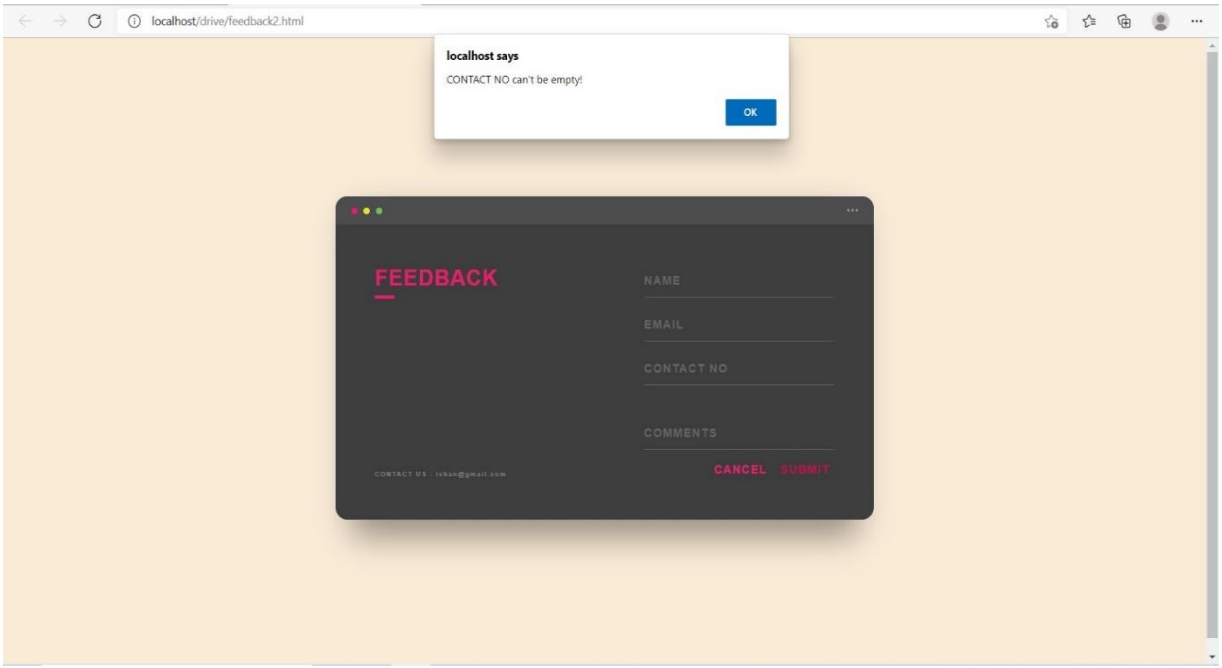


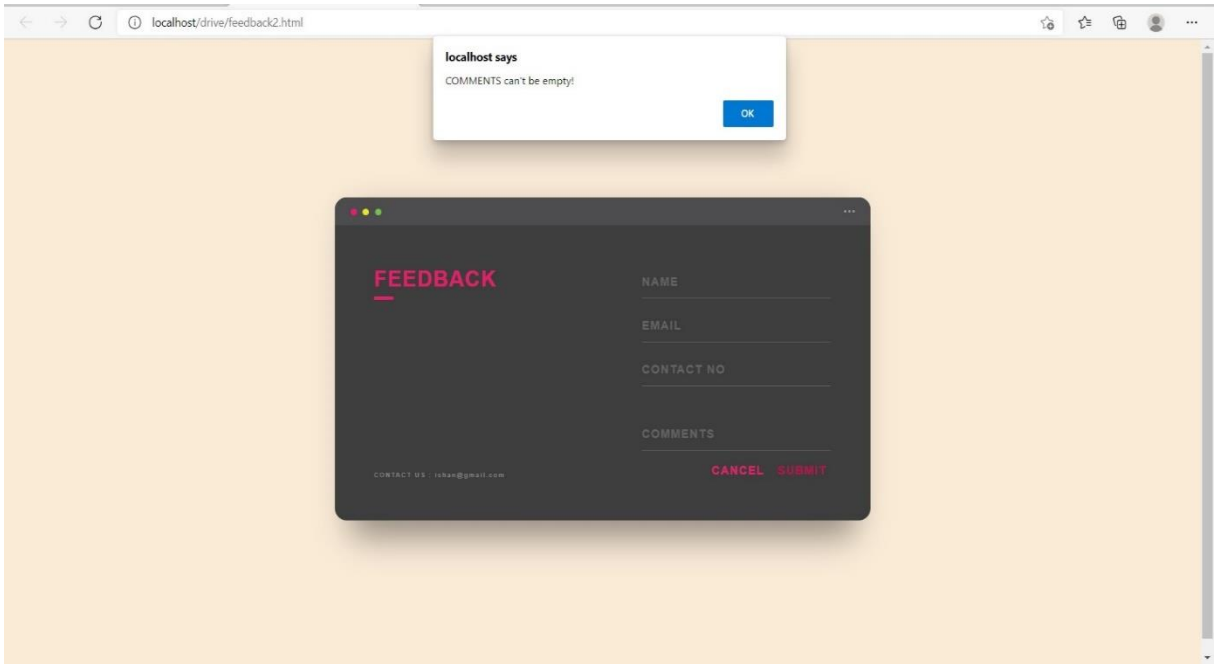




- When we click on User option in navigation bar, we are directed to a next page which contains the feedback form for the user. It contains different text fields like Name, Email, Contact Number and Comments. This form is connected to a database and all the details when filled and submitted by the user will get stored in the database.

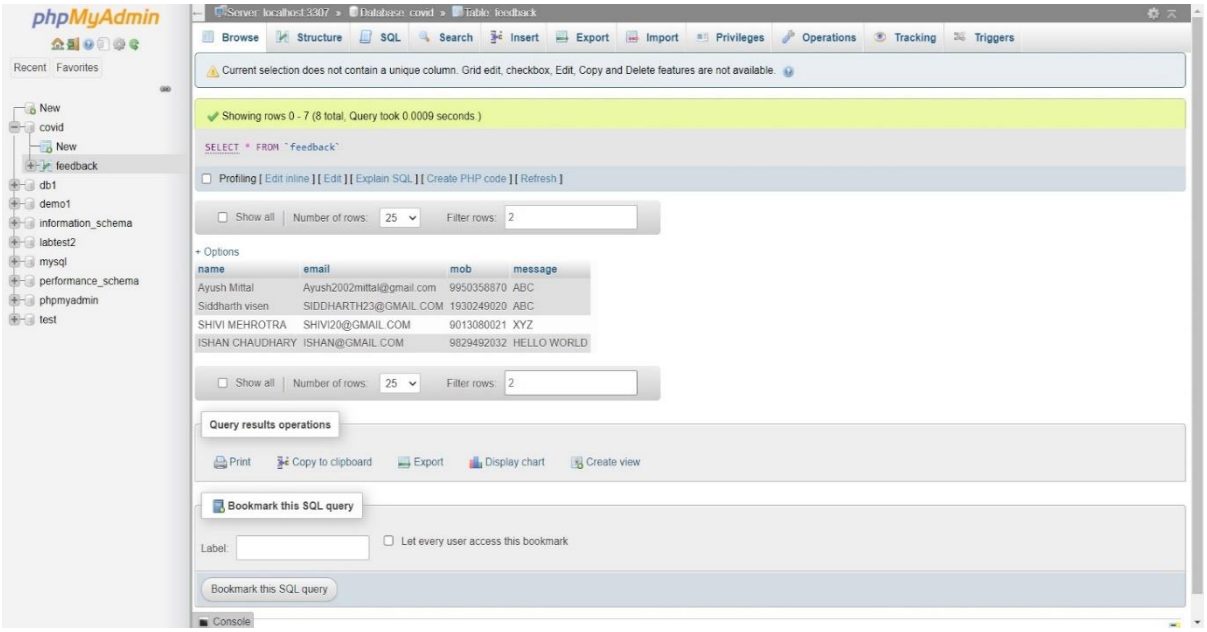

localhost/drive/feedback2.html
localhost says
NAME can't be empty!
OK
FEEDBACK
NAME
EMAIL
CONTACT NO
COMMENTS
CANCEL
SUBMIT


localhost/drive/feedback2.html
localhost says
EMAIL can't be empty!
OK
FEEDBACK
NAME
EMAIL
CONTACT NO
COMMENTS
CANCEL
SUBMIT

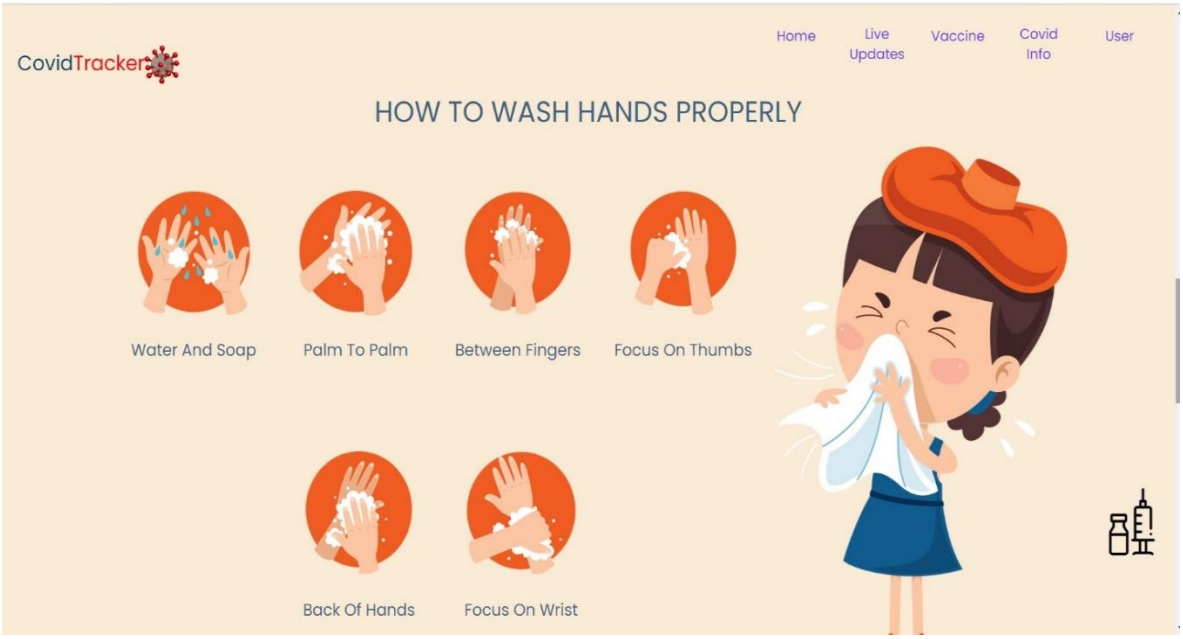


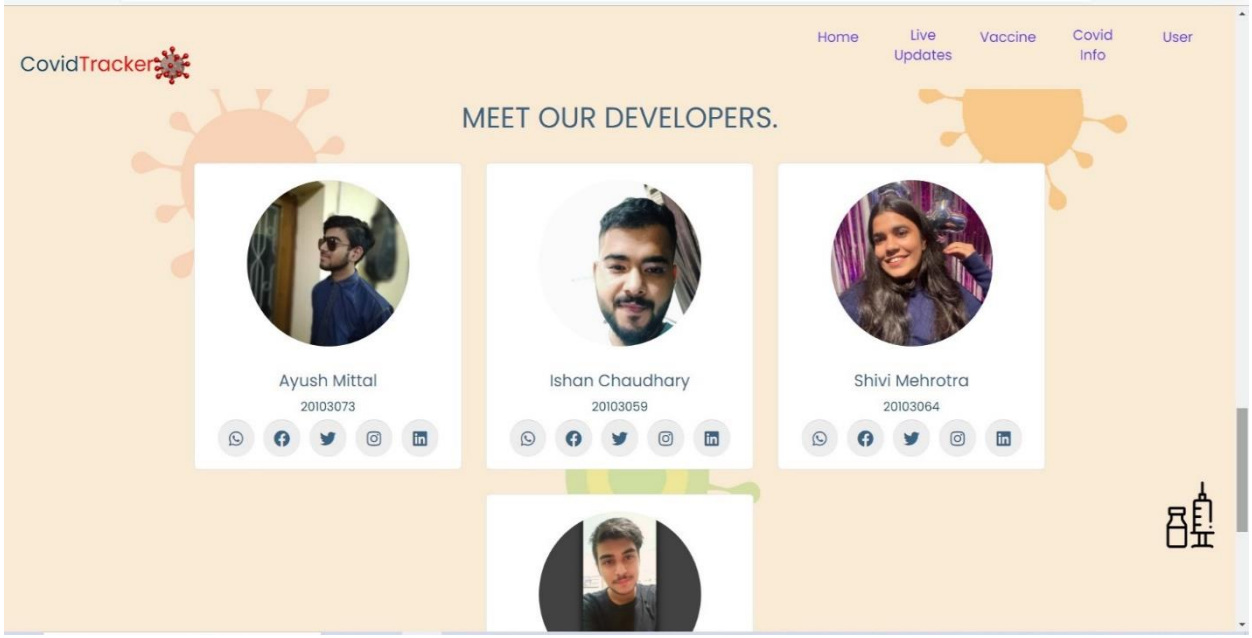



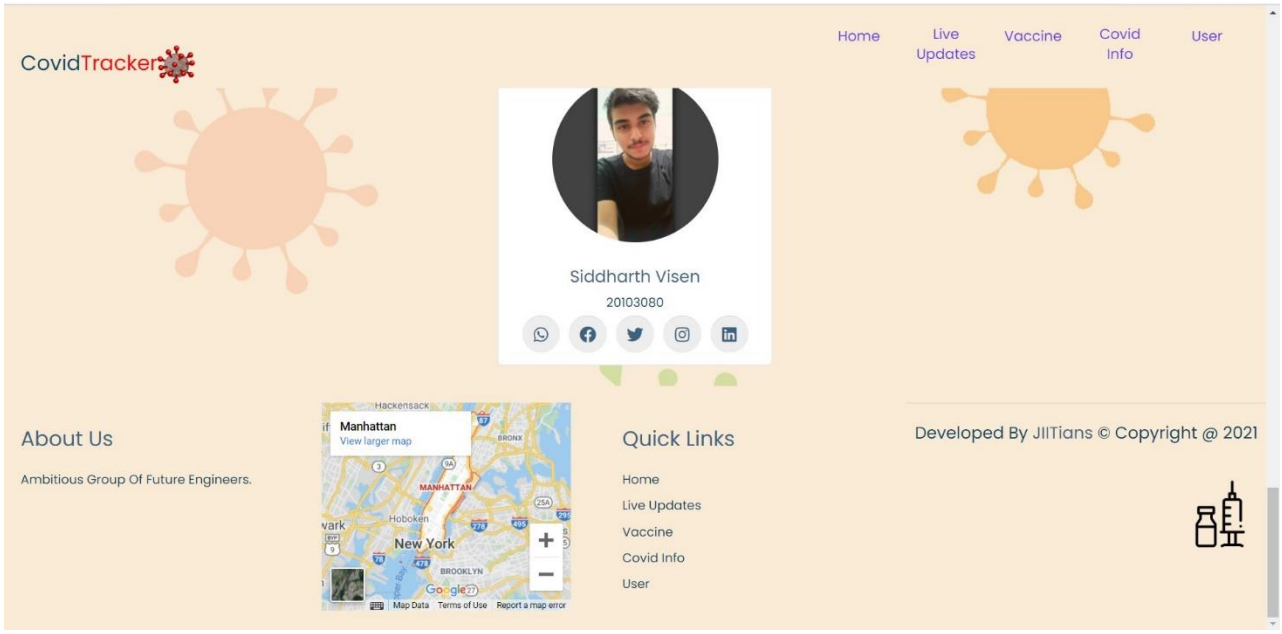

- Here, the form contains validation because of which it gives an alert if any of the fields of the form are not filled.




- Above is the image of the database named Covid that we have created to store the details entered by the user. The database contains a table called feedback containing four columns- Name, Email , Mobile No.and Message. The details are stored in this table as shown above.






- This is footer part of our Home Webpage containing the details of the team members and various useful links.

## CONCLUSION

This project tells us all the necessary information regarding COVID-19. Also, it contains details regarding different vaccines used in India. The COVID-19 tracker made in this project helps us to keep the track of number of total cases in India and other countries of the world. The tracker is made using APIs for the live updation of the data. This project also contains a feedback form made with the help of PHP and MySQL for storing the details of the user.

## REFERENCES


- https://www.w3schools.com/css
- https://pomber.github.io/covid19/timeseries.json
- https://data.covid19india.org/data.json
- https://www.tutorialspoint.com/html/index.htm