GROUP PROJECT

Group 11 - COVID-19 STATS

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LIST OF CONTENTS

I INTRODUCTION

II ARCHITECTURE

III ACTIVITIES

IV NETWORKING

V OPTIMIZATION

VI DEMO

VII CONCLUSION

INTRODUCTION

1 - FEATURES:

- SHOW THE GLOBAL AND VIETNAM COVID-19 STATISTICS.
- SHOW SOME SIGNS AND SYMPTOMS OF COVID-19.

2 - PURPOSE:

- ACCESS TO INFORMATION.
- HEALTH AWARENESS.
- CONVENIENCE.

ARCHITECTURE

MAIN COMPONENTS:

- LOG IN AND SIGN IN
- Main tab UI
- Country tab UI
- Symptoms Tab UI
- Navigation bar to switch between tabs

ACTIVITIES

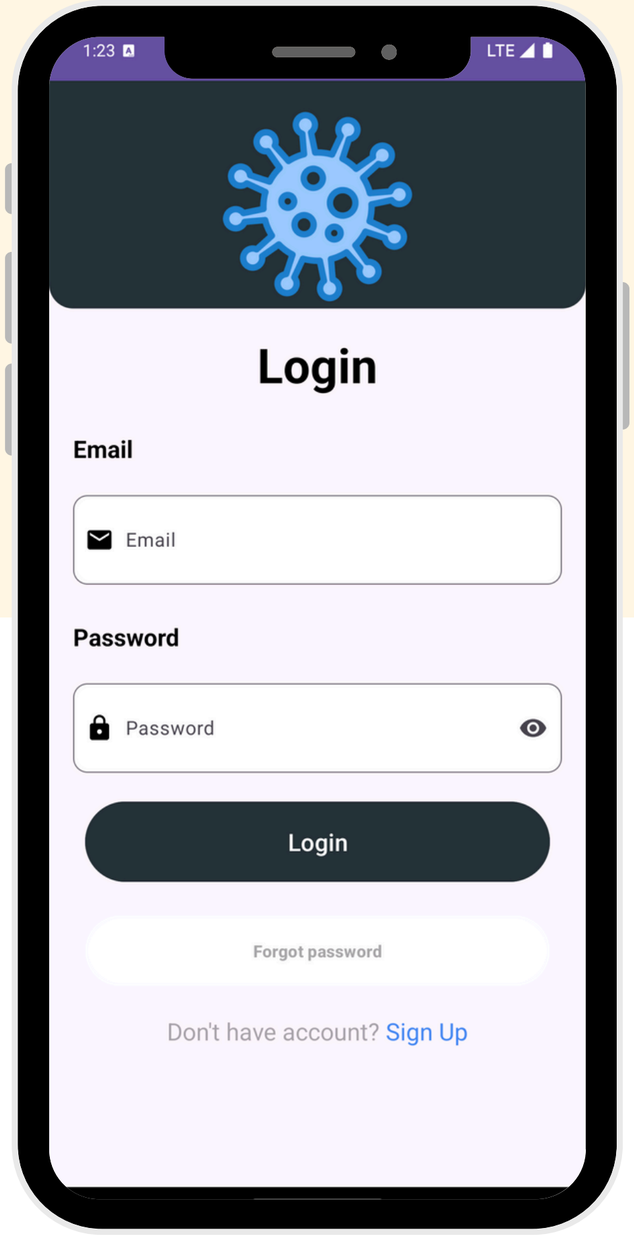
01 LOG IN AND SIGN IN

02 Main Activity

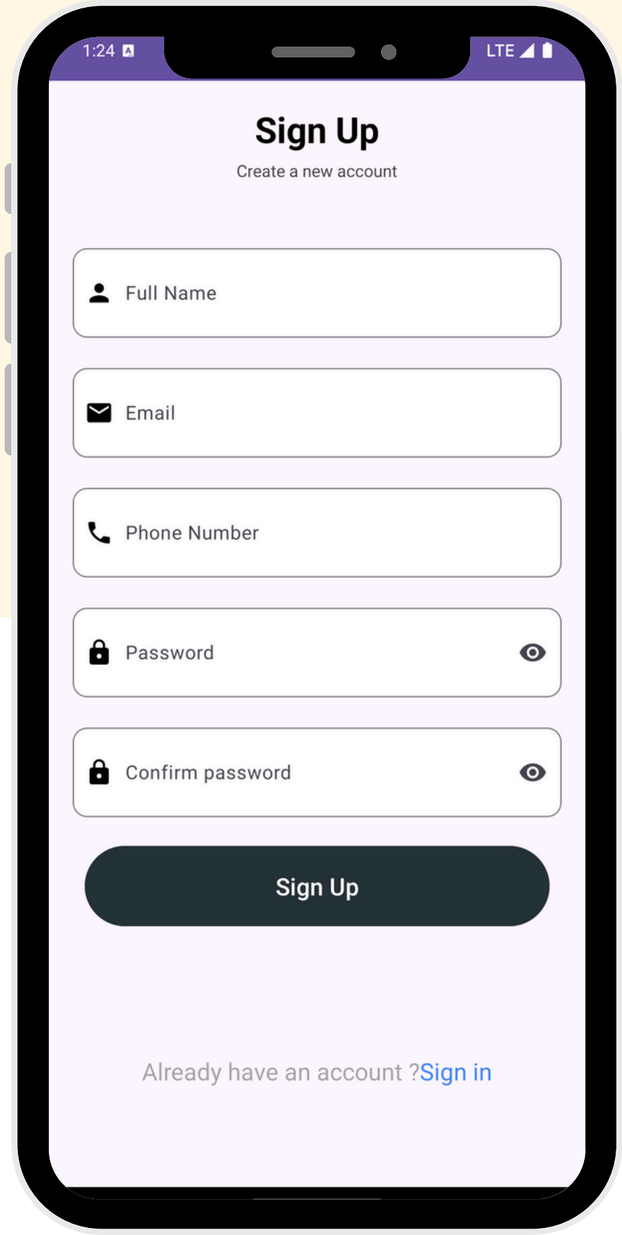
03 Country Stats Activity

04 COVID-19 Symptoms Activity

LOG IN AND SIGN IN

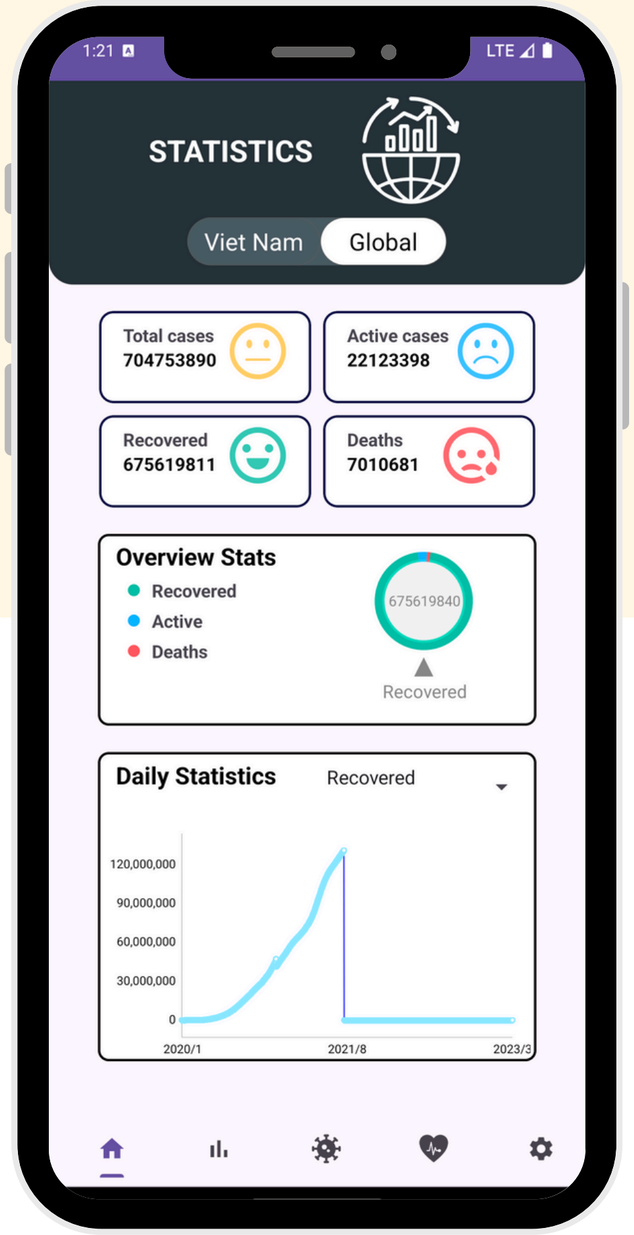


Allow the user to create a new account or log into their account if they have already created one.



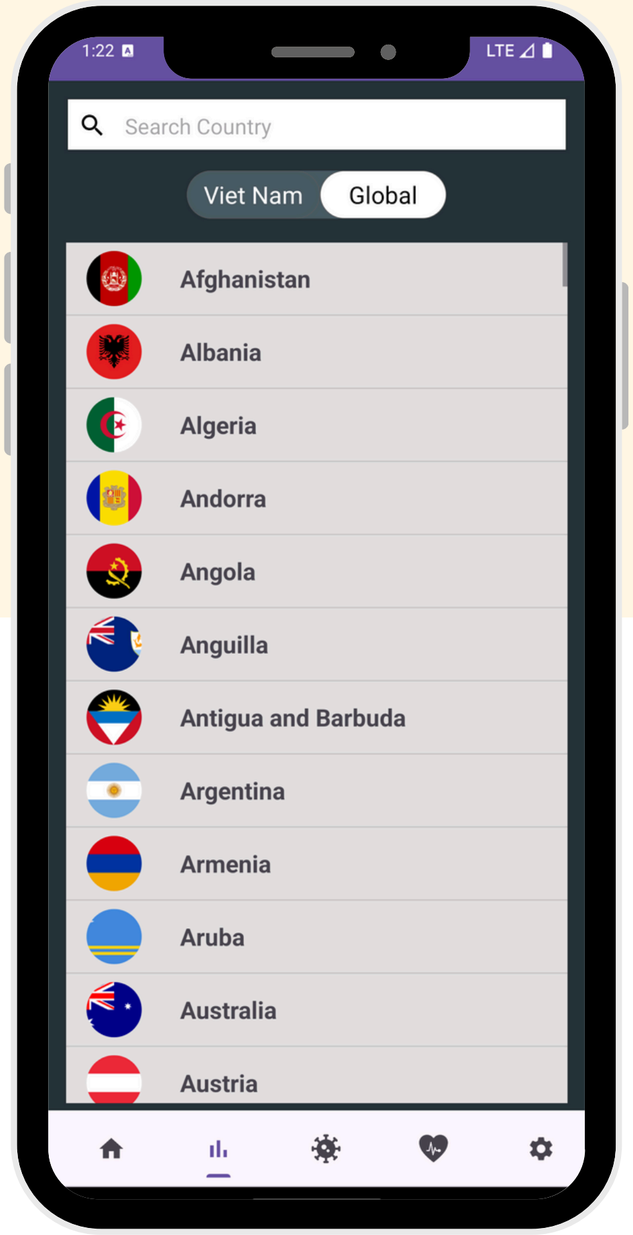
MAIN ACTIVITY

- Display specific stats (total cases, recoveries, actives, deaths).
- Has a Line graph that shows changes of each stat everyday.



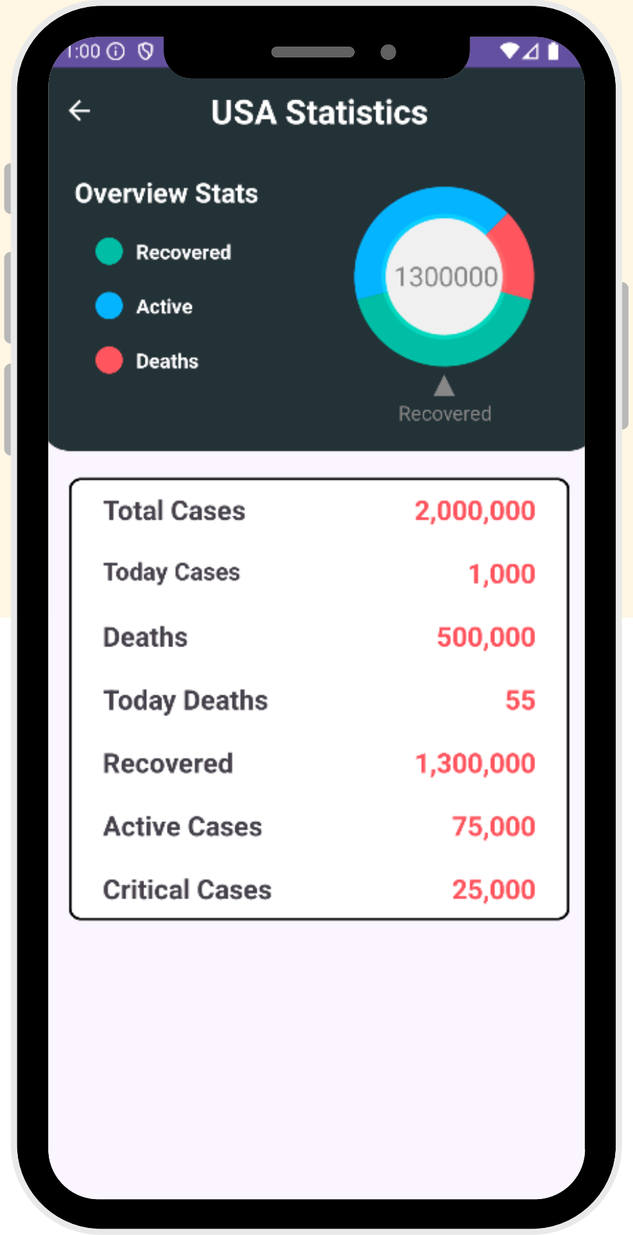
COUNTRIES STATS ACTIVITY

Provide a search bar to search for a country.



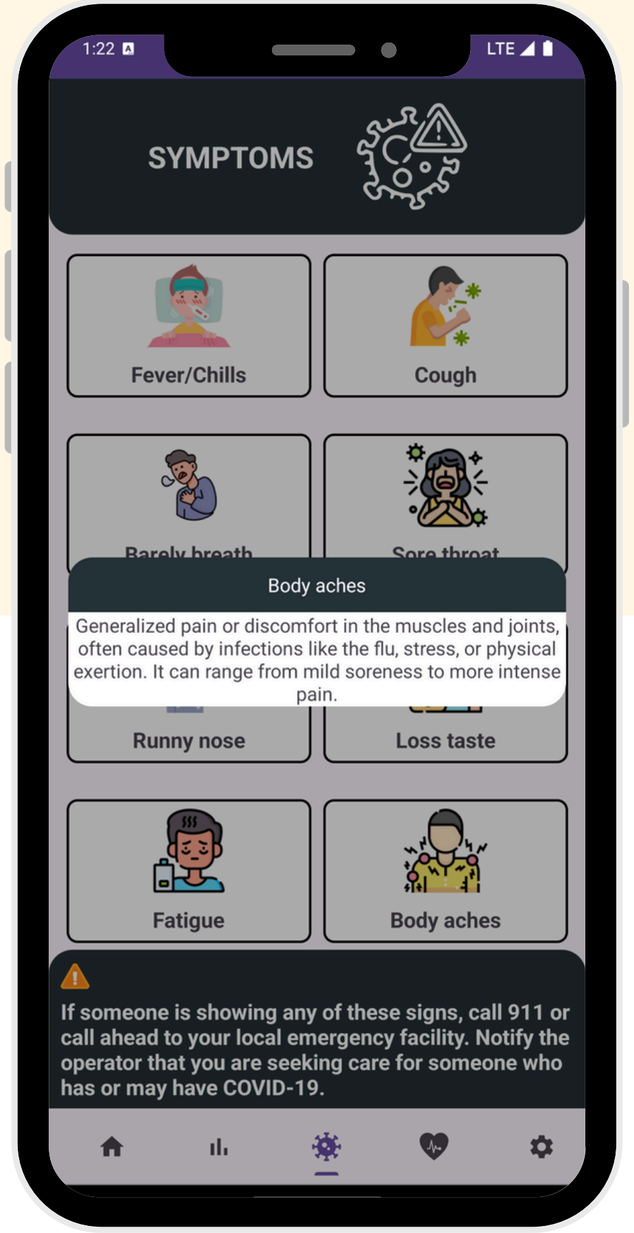
COUNTRIES STATS ACTIVITY

Displays Covid 19 stats for a country once it is selected.



COVID-19 SYMPTOMS ACTIVITY

- Display a comprehensive list of COVID-19 symptoms with icons.
- Has a warning to tell users what to do if someone has those symptoms



NETWORKING

CONNECTION

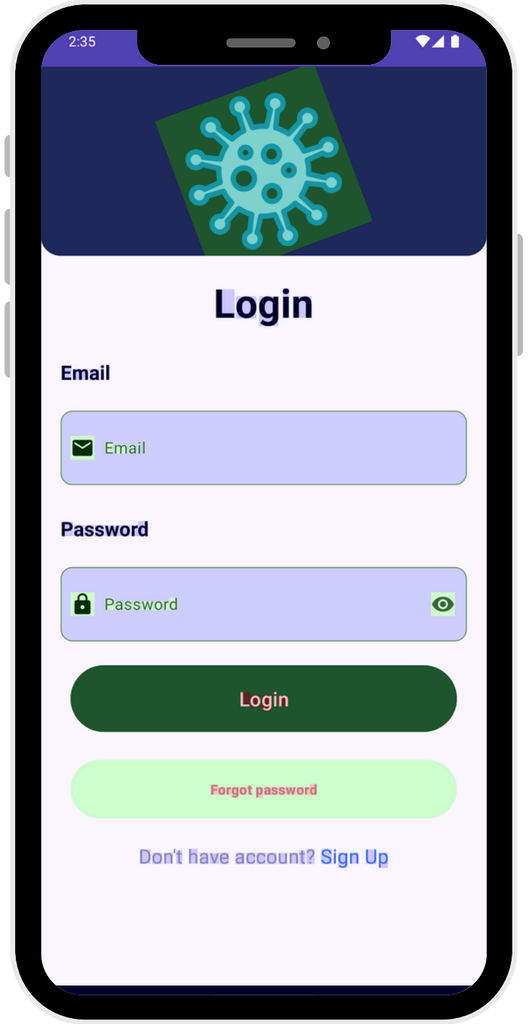
- Connect to PHP admin to store user accounts.
- XAMPP to run local host.
- Store database in mySQL using PHP files.

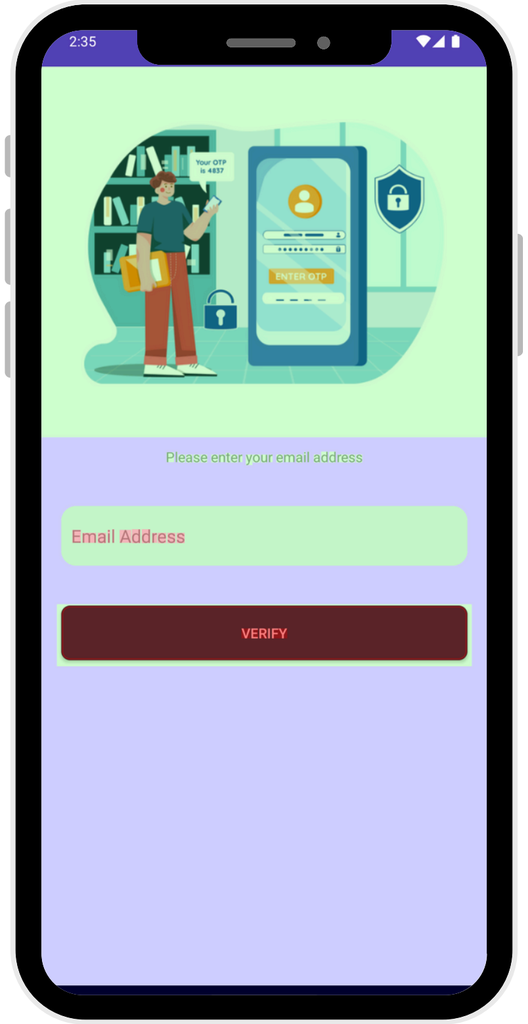
APIs

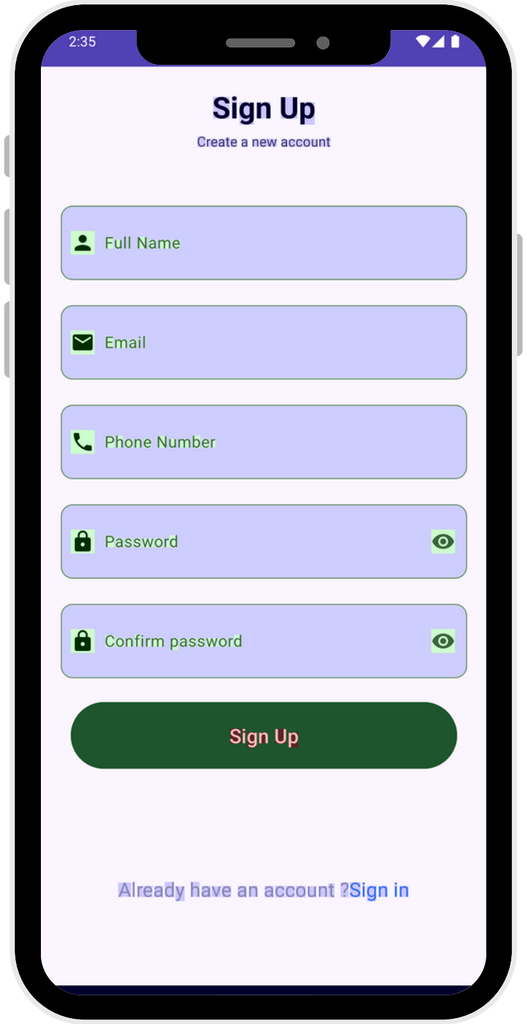
- Utilized data from the COVID-19 Statistics API provided by disease.sh and our custom-built.
- Our API was developed using Python Flask and expose the local sever using localtunnel.

OVERDRAW

LOG IN AND SIGN IN



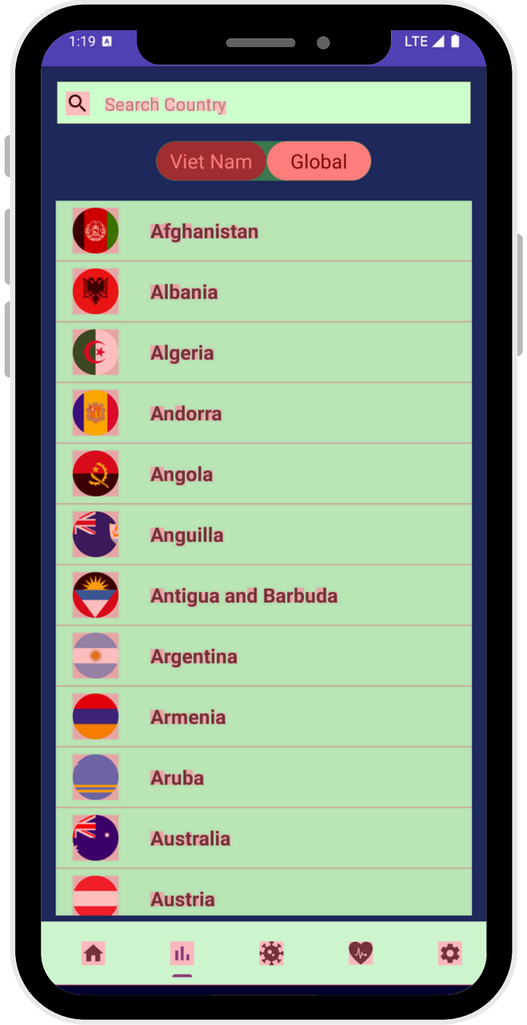


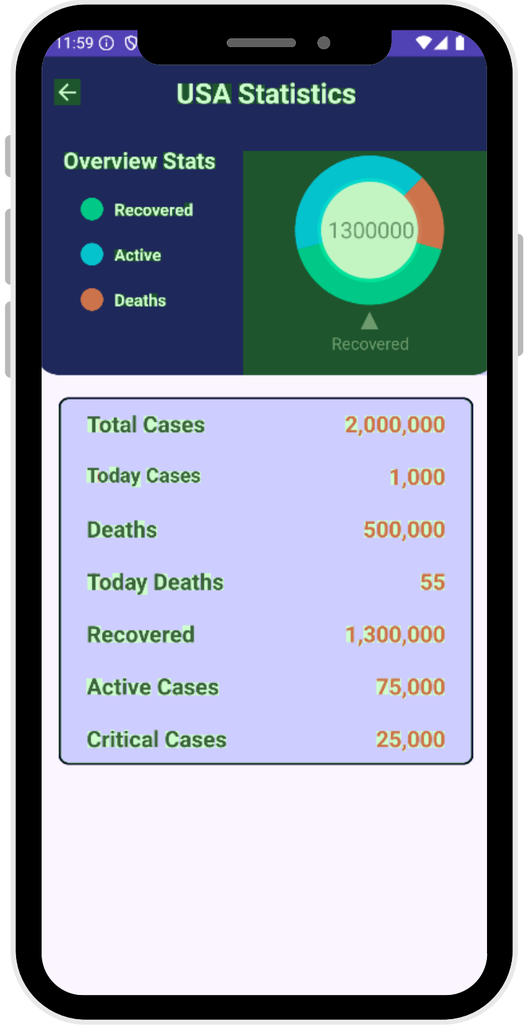


MAIN TABS

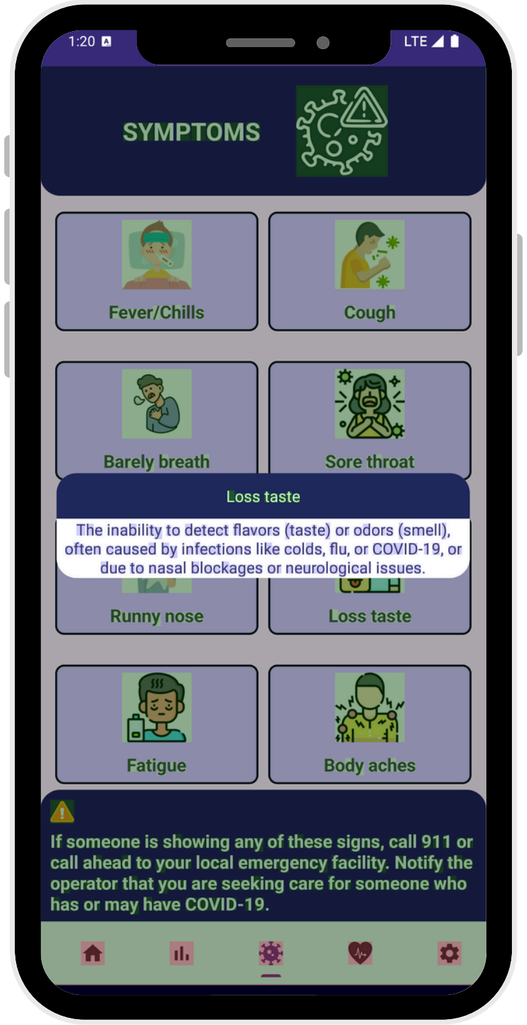
1:19
LTE
STATISTICS
Viet Nam
Global
Total cases
704753890
Active cases
22123398
Recovered
675619811
Deaths
7010681
Overview Stats
Recovered
Active
Deaths
675619840
Recovered
Daily Statistics
Total Cases
700,000,000
600,000,000
500,000,000
400,000,000
300,000,000
200,000,000
100,000,000
0
2020/1
2021/8
2023/3

1:19
LTE
STATISTICS
Viet Nam
Global
Total cases
11625195
Active cases
941018
Recovered
10640971
Deaths
43206
Overview Stats
Recovered
Active
Deaths
10640971
Recovered
Daily Statistics
Total Cases
700,000,000
600,000,000
500,000,000
400,000,000
300,000,000
200,000,000
100,000,000
0
2020/1
2021/8
2023/3

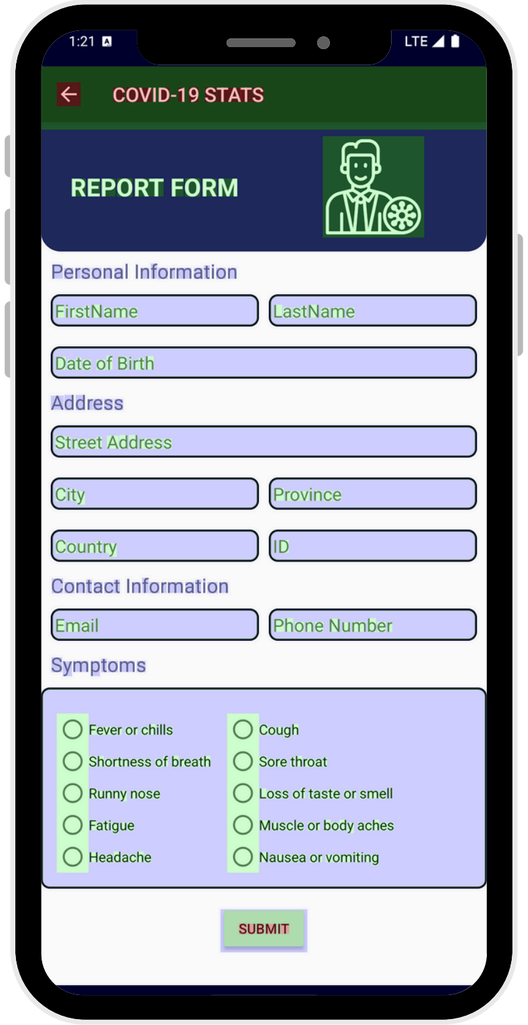

1:19
LTE
Search Country
Viet Nam
Global
Afghanistan
Albania
Algeria
Andorra
Angola
Anguilla
Antigua and Barbuda
Argentina
Armenia
Aruba
Australia
Austria


11:59
USA Statistics
Overview Stats
Recovered
Active
Deaths
1300000
Recovered
Total Cases
2,000,000
Today Cases
1,000
Deaths
500,000
Today Deaths
55
Recovered
1,300,000
Active Cases
75,000
Critical Cases
25,000

MAIN TABS


1:20
LTE
SYMPTOMS
Fever/Chills
Cough
Barely breath
Sore throat
Loss taste
The inability to detect flavors (taste) or odors (smell), often caused by infections like colds, flu, or COVID-19, or due to nasal blockages or neurological issues.
Runny nose
Loss taste
Fatigue
Body aches
If someone is showing any of these signs, call 911 or call ahead to your local emergency facility. Notify the operator that you are seeking care for someone who has or may have COVID-19.

1:20
LTE
HELP
Hotline
Hospital
Report a case


1:21
LTE
COVID-19 STATS
REPORT FORM
Personal Information
FirstName
LastName
Date of Birth
Address
Street Address
City
Province
Country
ID
Contact Information
Email
Phone Number
Symptoms
Fever or chills
Cough
Shortness of breath
Sore throat
Runny nose
Loss of taste or smell
Fatigue
Muscle or body aches
Headache
Nausea or vomiting
SUBMIT

1:21
LTE
SETTINGS
Cao Thai Ha
0942842452
Edit Profile
Log Out

DEMO

CONCLUSION

WHAT DONE

- USER INTERFACE
- USER ACCOUNTS
- DATABASE
- API INTEGRATION
- TESTING

WHAT CAN BE IMPROVED

- SETTNGS
- GPS
- Report

THANK YOU FOR LISTENING