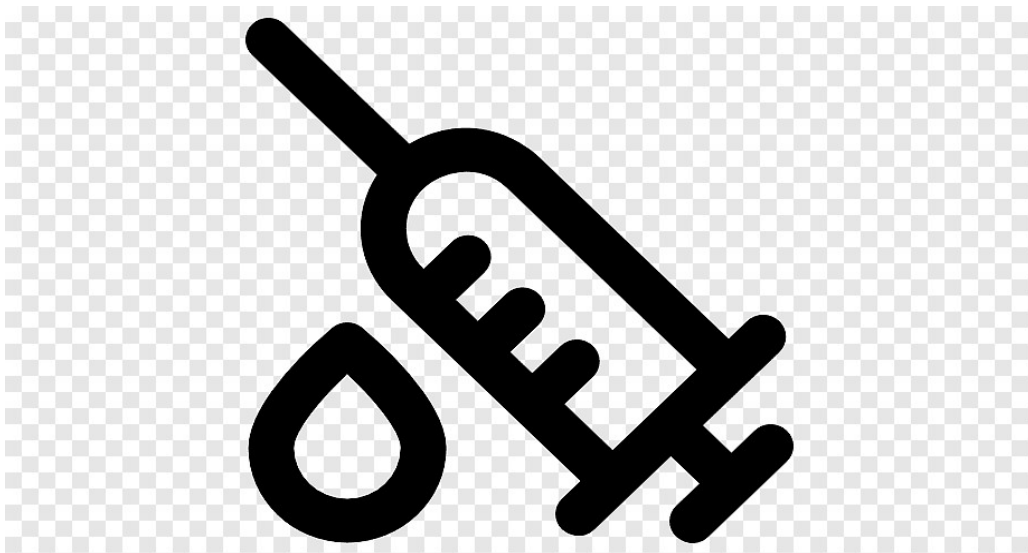


# Final Report

## Introduction:

To bring this pandemic to an end we need to be immune to the virus for that we need the vaccine and data about the people and the population. The idea to create a website or a google map where individuals who have not been vaccinated can get a vaccination. It can be difficult to know who is vaccinated or is exposed to Covid. So, making it easier for people to access or send notifications without exposing your health records. Easy to locate your nearest vaccine near you. Tracking COVID-19 vaccine records will collect the data regarding the showing the daily doses, percentage of people taking the vaccine and people are waiting to be vaccinated, as well as the availability of vaccines in the health department.



## Objective:

We are trying to improve how to track or monitor individuals who have received vaccines and who didn't. Collecting data to detect if they got any reaction from the shot, to see if they need a second round of vaccine. With fewer doses shipped to all areas in Washington or other states. We need to determine which Testing is busier than others so we can direct the patient to a faster testing site. Making Appointments or alerting them on existing databases. Creating a link to

register and update the progress where you can attach your school or work, to show you have been vaccinated.

### **Scope of Project:**

One thing we are trying to accomplish on this project is to make it easy for people to vaccinate and find who already took the vaccination.

### **Goal and Motivation:**

The number of people diagnosed with COVID-19 grows every day throughout the U.S. and across the world, with a percentage of death and not recovered from the virus for the people how are sick or have a weak immune health system, as the date we create this report there are about 24,163,000 confirmed cases in the U.S. and 400,000 confirmed deaths in the U.S. The goals and motivations for working on this idea, We are looking to provide the people some motivations like providing them the newest information regarding the Covid-19 vaccine, the percentage of people who have already taken the Covid 19 vaccine and showing, A map with the number of the population in the area. Also, we know low-income families without health Insurance can face challenges receiving vaccinations. So, mapping would identify which area site is less likely or have more opportunity to get the vaccine.

### **Relation to other existing work:**

Our idea somewhat exists on various platforms but some of the applications have been limited and lack some information end-users might need. We plan to create a rich web/database application where schools or the workforce can get frequent updates on their client vaccination.

### **Background:**

For our project we are trying to solve the Covid-19 Vaccine problem, the availability, data, location the percentage and number for the people how got the vaccine, the purpose for the project is to collect as much data Related to the Covid 19 Vaccination includes how many contacts are reached and how quickly and where people were exposed — whether it was in public or at home. The data collected is going to be useful this information can be handy for any who wants to know the process of the vaccine, with the Covid-19 information handy and available to everyone well keep all the people informed about the vaccine will make the people comfy and caution about the vaccine.

The Covid-19 data availability will provide clarity, insight, and Data Analyses will provide the school, Company, and the community with all the information related to covid-19, The number of new cases in the U.S. reached new heights in recent weeks and continues to accelerate with a map showing the Covid-19 percentage will inform the people to stay home and away for the high Covid-19 affected places. We understand that some people are concerned about getting a vaccination. It is important to track which individual needs the vaccine and where they can be documented without exposing others. One of the main problems that need to be addressed is how many vaccines are available at testing sites and certain amounts of people are needed at each location. We also need to address which areas in the county or state of the population are affected more

## Future Works:

## References:

<https://www.worldometers.info/coronavirus/country/us/>

## Proofs of a working or functional SQL queries used throughout this phase

### Query Number 1:

Showing rows 0 - 9 (10 total, Query took 0.0387 seconds.)

```
SELECT t1.Hospital_name, t1.available_bed, t2.patient_email, t3.allergy_name FROM hospital t1 JOIN patient t2 ON t1.Hospital_name = t2.Hospital_name JOIN allergic_history t3 ON t3.patient_id = t2.patient_id
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

Hospital_name	available_bed	patient_email	allergy_name
city Hospital	1000	jhon@gmail.com	Allergic rhinitis
city Hospital	1000	jhon1@gmail.com	Allergic rhinitis
city Hospital	1000	jhon2@gmail.com	Allergic rhinitis
city Hospital	1000	jhon@gmail.com	Allergic rhinitis
city Hospital	1000	jhon@gmail.com	Allergic rhinitis
city Hospital	1000	jhon@gmail.com	Allergic rhinitis
General Hospital	1000	jhon@gmail.com	Allergic rhinitis
city Hospital	1000	jhon@gmail.com	Allergic rhinitis
city Hospital	1000	jhon@gmail.com	Allergic rhinitis
arif Hospital	1000	jhon@gmail.com	Allergic rhinitis

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

### Query 2:

Showing rows 0 - 2 (3 total, Query took 0.0024 seconds.)

```
SELECT Hospital_name FROM hospital WHERE Hospital_name IN( SELECT Hospital_name FROM patient WHERE patient_id = ANY( SELECT Patient_id FROM allergic_history ) )
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	Hospital_name
<input type="checkbox"/> Edit Copy Delete	arif Hospital
<input type="checkbox"/> Edit Copy Delete	city Hospital
<input type="checkbox"/> Edit Copy Delete	General Hospital

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Console Bookmarks Options History Clear

### Query 3:

Showing rows 0 - 9 (10 total, Query took 0.0691 seconds.)

```
SELECT vaccine_day, vaccine_time, TYPE, quantity FROM vaccination t1 WHERE quantity IN( SELECT MAX(t2.quantity) FROM vaccination t2 WHERE t1.vaccine_id = t2.vaccine_id GROUP BY t2.vaccine_id ) ORDER BY vaccine_id, vaccine_time
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	vaccine_day	vaccine_time	TYPE	quantity
<input type="checkbox"/> Edit Copy Delete	0000-00-00	00:00:11.000000	C	2
<input type="checkbox"/> Edit Copy Delete	0000-00-00	00:00:11.000000	C	2
<input type="checkbox"/> Edit Copy Delete	0000-00-00	00:00:11.000000	C	3
<input type="checkbox"/> Edit Copy Delete	0000-00-00	00:00:11.000000	C	2
<input type="checkbox"/> Edit Copy Delete	0000-00-00	00:00:11.000000	C	5
<input type="checkbox"/> Edit Copy Delete	0000-00-00	00:00:11.000000	C	2
<input type="checkbox"/> Edit Copy Delete	0000-00-00	00:00:11.000000	C	2
<input type="checkbox"/> Edit Copy Delete	0000-00-00	00:00:11.000000	C	4
<input type="checkbox"/> Edit Copy Delete	0000-00-00	00:00:11.000000	C	2
<input type="checkbox"/> Edit Copy Delete	0000-00-00	00:00:11.000000	C	4

### Query 4:

⚠️ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. 🔄

✓ Showing rows 0 - 9 (10 total, Query took 0.0031 seconds.)

```
SELECT t1.patient_id, t2.allergy_name FROM patient t1 LEFT JOIN allergic_history t2 ON t1.patient_id = t2.patient_id
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

patient_id	allergy_name
10	Allergic rhinitis
1	Allergic rhinitis
2	Allergic rhinitis
3	Allergic rhinitis
4	Allergic rhinitis
5	Allergic rhinitis
6	Allergic rhinitis
8	Allergic rhinitis

Console Bookmarks Options History Clear

## Query 5:

⚠️ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. 🔄

✓ Showing rows 0 - 19 (20 total, Query took 0.0034 seconds.)

```
SELECT patient_id, sickness_type FROM patient UNION SELECT patient_id, allergy_name FROM allergic_history
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

patient_id	sickness_type
1	fever
2	fever
3	fever
4	pain in head
5	fever
6	fever
7	fever
8	fever

## Query 6:

✓ Showing rows 0 - 9 (10 total, Query took 0.0020 seconds.)

```
SELECT patient.patient_id, allergic_history.allergy_name FROM patient, allergic_history WHERE patient.patient_id = allergic_history.patient_id
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

patient_id	allergy_name
1	Allergic rhinitis
2	Allergic rhinitis
3	Allergic rhinitis
4	Allergic rhinitis
5	Allergic rhinitis
6	Allergic rhinitis
7	Allergic rhinitis
8	Allergic rhinitis
9	Allergic rhinitis
10	Allergic rhinitis

## Query 7:

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ⓘ

✓ Showing rows 0 - 9 (10 total, Query took 0.0035 seconds.)

```
SELECT doctor.doctor_name, hospital.Hospital_name FROM doctor, hospital WHERE doctor.Hospital_name = hospital.Hospital_name GROUP BY doctor.doctor_name, hospital.Hospital_name
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

doctor_name	Hospital_name
ahmad	city Hospital
ahmad ali	city Hospital
ahmad furqan	city Hospital
ahmad jamal	General Hospital
ahmad misbah	arif Hospital
ahmad umer	city Hospital
ahmad usman	city Hospital
ahmadali	city Hospital

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## Query 8:

Showing rows 0 - 0 (1 total, Query took 0.0033 seconds.) [vaccine\_day: 0000-00-00... - 0000-00-00...] [severity: FULL... - FULL...]

```
SELECT vaccination.vaccine_day, Patient.severity FROM Vaccination, Patient WHERE Vaccination.Patient_ID=Patient.Patient_ID GROUP BY vaccination.vaccine_day ORDER BY vaccination.vaccine_day, Patient.severity
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

vaccine_day	severity
0000-00-00	full

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

## Query 9:

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 21 (22 total, Query took 0.0672 seconds.)

```
SELECT t1.Hospital_name, t1.Total_bed, t1.occup_bed, t2.doctor_name, t3.report_id, t3.description FROM hospital t1 LEFT JOIN doctor t2 ON t1.Hospital_name = t2.Hospital_name LEFT JOIN reports t3 ON t2.doctor_id = t3.doctor_id
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

Hospital_name	Total_bed	occup_bed	doctor_name	report_id	description
arif Hospital	1500	500	ahmad misbah	5	Health report
arsiifHospital	1500	500	NULL	NULL	NULL
city Hospital	1500	500	ahmad	1	Health report
city Hospital	1500	500	ahmad	2	Health report
city Hospital	1500	500	ahmad	3	Health report
city Hospital	1500	500	ahmad	4	Health report
city Hospital	1500	500	ahmad	7	Health report

## Query 10:

✓ Showing rows 0 - 10 (11 total. Query took 0.1157 seconds.)

```
SELECT t1.Hospital_name, t1.Total_bed, t1.occup_bed, ( SELECT COUNT(*) FROM doctor t2 WHERE t2.Hospital_name = t1.Hospital_name ) AS totalNumber, ( SELECT COUNT(*) FROM reports t3 WHERE t3.doctor_id IN( SELECT GROUP_CONCAT(doctor_id) FROM doctor WHERE doctor.Hospital_name = t1.Hospital_name ) ) AS follow_count FROM hospital AS t1 ORDER BY follow_count DESC , totalNumber DESC
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

Hospital_name	Total_bed	occup_bed	totalNumber	follow_count
city Hospital	1500	500	8	5
arif Hospital	1500	500	1	1
General Hospital	1500	500	1	0
jambo Hospital	1500	500	0	0
head Hospital	1500	500	0	0
ghulabdevi Hospital	1500	500	0	0
damdina Hospital	1500	500	0	0

Console Bookmarks Options History Clear

## FRONT END:

COVID-19 Home Covid Test Center Diseases and Symptoms Location

# Coronavirus (COVID-19) Vaccinations



The number of people diagnosed with COVID-19 grows every day throughout the U.S. and across the world, with a percentage of death and not recovery from the viusease for the people how are sick or they have a weak immune health system, as the date we create this report there is about 24,163,000 confirmed cases in the U.S. and 400,000 confirmed deaths in the U.S.

Goals and Objectives ✓



## Our Services ?



Covid Vaccine



Health Care



Professional Staff



Satisfaction

### Motivation of the Project

We are looking to provide the people some motivations like providing them the newest information regarding the Covid-19 vaccine, the percentage people have already taken the Covid 19 vaccine and showing , A map with the number of the population in the area. Also we know low-income family without health Insurance can face challenges receiving vaccinations. So mapping would identify which area site is less likely or have more

### What Are we trying to Achieve?

*One thing we are trying to accomplish on this project is to make it easy for people to vaccinate and find who already took the vaccination.*

### What skill set of team members have?

- [Mohamed Jama](#)
- [Khaled Al Ashor](#)
- [Abdirahman Saleban](#)

### Does your idea already exist?

*Our idea somewhat exists on various platforms but some of the applications have been limited and lack some information end-users might need. We plan to create a rich web/database application where schools or the workforce can get frequent updates on their client vaccination.*

Covid Vaccination.

#### MENU

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#### ADDRESS

28606 Pacific Hwy S,  
Federal Way, WA  
98003

## Covid Test Center

Select Country

King County

Id	Location	Coutry	Find on Map
1	955 Powell Ave SW, Renton, WA 98057	King County	<a href="#">Map</a>
2	6330 35th Ave SW, Seattle, WA 981263004	King County	<a href="#">Map</a>
3	9456 16th Ave SW, Seattle, WA 981062824	King County	<a href="#">Map</a>

## Diseases and Symptoms

Select a Disease

Malaria

Symptoms	Details	Medications
General feeling of discomfort	<b>Infection Rate:</b> 22800	Atovaquone-proguanil (Malarone)
Headache	<b>Total Cases:</b> 229000000	Quinine sulfate (Qualaquin)
Nausea and vomiting		Primaquine phosphate
Diarrhea		
Abdominal pain		
Muscle or joint pain		

# Covid Test Center

**955 Powell Ave SW, Renton, WA  
98057**

This map shows the location you selected , can zoom in and out to get a clear picture of the location.

Make an  
Appointment

Cancel  
Appointment

