

Project Group 57  
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Team: SuperSonics  
Project Title: COVID-19 Vaccine Tracker  
URL: <http://flip1.engr.oregonstate.edu:8899>

## Step 7 - Portfolio Assignment

### Executive Summary

- Prepopulated sample data tables were added
- Search features were added
- Some variable in Clinics and Appointments are now NULLABLE
- There was a suggestion to add additional features, like allowing a patients to search for vaccines near them. Although the reviewer had some great suggestions, I believe the suggestions were more tailored to a customer facing website than the website needed for the project (website for the database admin)
- Drop down menus were added where appropriate
- Submit button and update button were separated to two different buttons
- New entity named Appointments was created (composite table for Patients and Clinics) because we needed an additional relationship as pointed out by a TA
- Text was centered so issues with reading the text due to margins were fixed
- Most of the feedback from peers and the TA for step 5 were centered around us not having the site fully functional. This has been taken care of
- All “unique” data descriptors were removed from all PKs
- Many variables (in all entities) were changed to varchar
- Updates to both SQL files
- Functionality of all CRUD + search working on all pages with node.js
- Updates to ERD and Schema based on new changes
- FKs in table now more specific than just primary key
- Drop down menu for FKs are more unique than just primary key
- Patients now accepts a nullable vaccine
- Added button to reset table after searching for data
- Fixed error given when search was clicked with no data in text field
- Data validation and format validation in all form fields wherever applicable
- Header added to each page above insert form that says “Add ...”
- Many variables in all entities names were changed
- Manufacturers was changed to Distributors to make more logical sense

## PROJECT PROPOSAL & OUTLINE

### Project Title: Covid Vaccine Tracker

During these unprecedented times, clinics administering COVID-19 vaccines struggle to deliver vaccinations to the general public amidst our most vulnerable citizens. Hospitals are overwhelmed. First responders including our Doctors, Nurses, and support staff are exhausted. Further, even with promising news of a vaccine within weeks of being readily available to the general public; questions still remain. Which vaccine is best? How soon can I get one? And, most importantly, where can I get one? Covid Vaccine Track seeks to solve the problem of providing up to the minute information to users regarding the availability of vaccination appointments within a user's current location.

As more and more individuals are now eligible for the vaccine everyday, there is a need for a large volume Database capable of million + entries, and a capable-driven and interactive website that will provide up-to-date locations, appointment times, available vaccinations, and clinician information to millions of people in need. According to Becker's Hospital Review, as of April 7th, there are only 19.4% of Americans that have been fully vaccinated. So one could see why a Covid Vaccine Tracker of this magnitude could be an extremely beneficial tool to the general public (source:[https://www.beckershospitalreview.com/public-health/states-ranked-by-percentage-of\[1\]population-vaccinated-march-15.html](https://www.beckershospitalreview.com/public-health/states-ranked-by-percentage-of-population-vaccinated-march-15.html)).

**Clinics:** records the details of clinics administering COVID-19 vaccinations

- clinicID: int, AUTO\_INCREMENT, not NULL, PK
- clinicName: varchar, not NULL
- address: varchar, not NULL
- parking: varchar
- publicTransport: varchar
- phone: varchar

relationship: M:M relationship between Clinics and Patients is implemented with clinicID as a FK inside of Appointments. M:1 relationship between Clinicians and Clinics is implemented with clinicID as a FK inside of Clinicians

**Clinicians:** records clinician details

- clinicianID: int, AUTO\_INCREMENT, not NULL, PK
- clinic: int, not NULL, FK
- name: varchar, not NULL
- dob: varchar, not NULL
- sex: varchar, not NULL

- email: varchar, not NULL
- phone: varchar, not NULL
- certification: varchar, not NULL

relationship: M:1 relationship between Clinicians and Clinics is implemented with clinicID as a FK inside of Clinicians

**Vaccines:** records the specific type of vaccine a patient was given.

- vaccineID: int, AUTO\_INCREMENT, not NULL, PK
- distroName: int, not NULL, FK
- vacType: varchar

relationship: 1:M relationship between Vaccines and Patients is implemented with vaccineID as a FK inside of Patients. 1:M relationship between Vaccines and Distributors is implemented with distributorID as a FK inside of vaccines.

**Distributors:** tracks vaccine distributors and status of shipments

- distributorID: int, AUTO\_INCREMENT, not null, PK
- name: varchar, not NULL
- status: varchar, not NULL

relationship: M:1 relationship between Distributors and Vaccines is implemented with distributorID as a FK inside of Vaccines

**Patients:** records the details of patient in need of Covid-19 vaccination

- patientID: int, AUTO\_INCREMENT, not NULL, PK
- vaccine: int, FK
- name: varchar, not NULL
- dob: varchar, not NULL
- sex: varchar, not NULL
- email: varchar
- phone: varchar

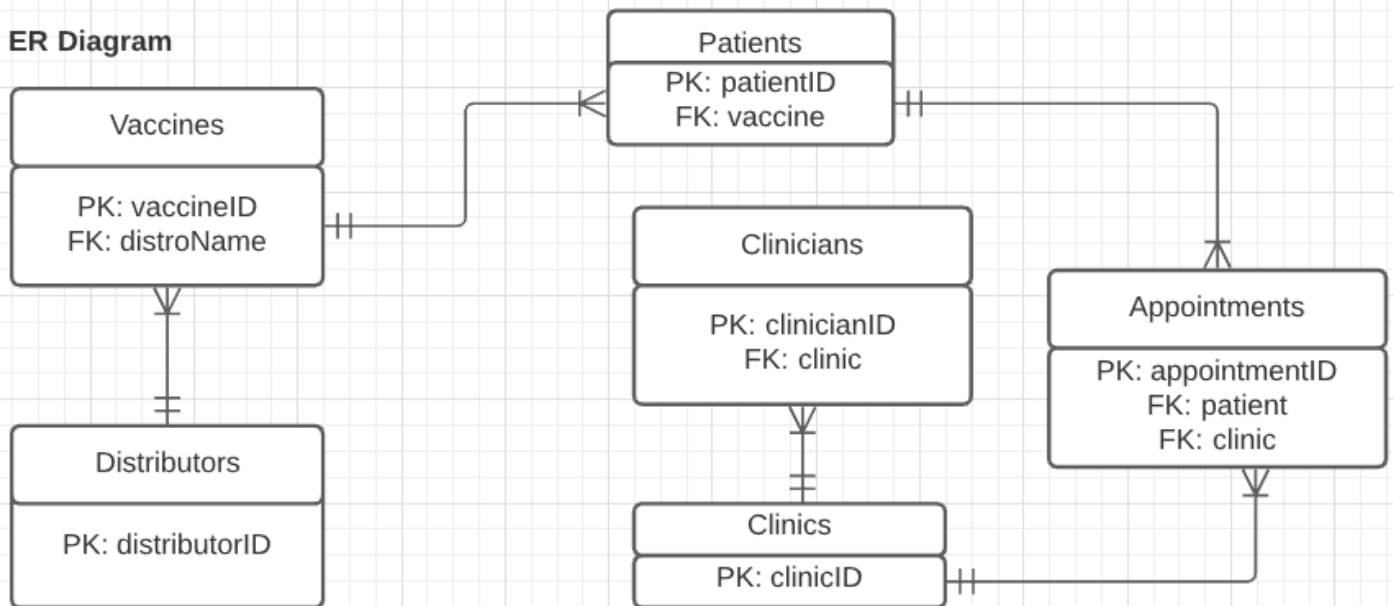
relationship: M:M relationship between Clinics and Patients is implemented with patientID as a FK inside of Appointments. M:1 relationship between Patients and Vaccines is implemented with vaccineID as a FK inside Patients.

**Appointments:** records the details of a patient's appointment

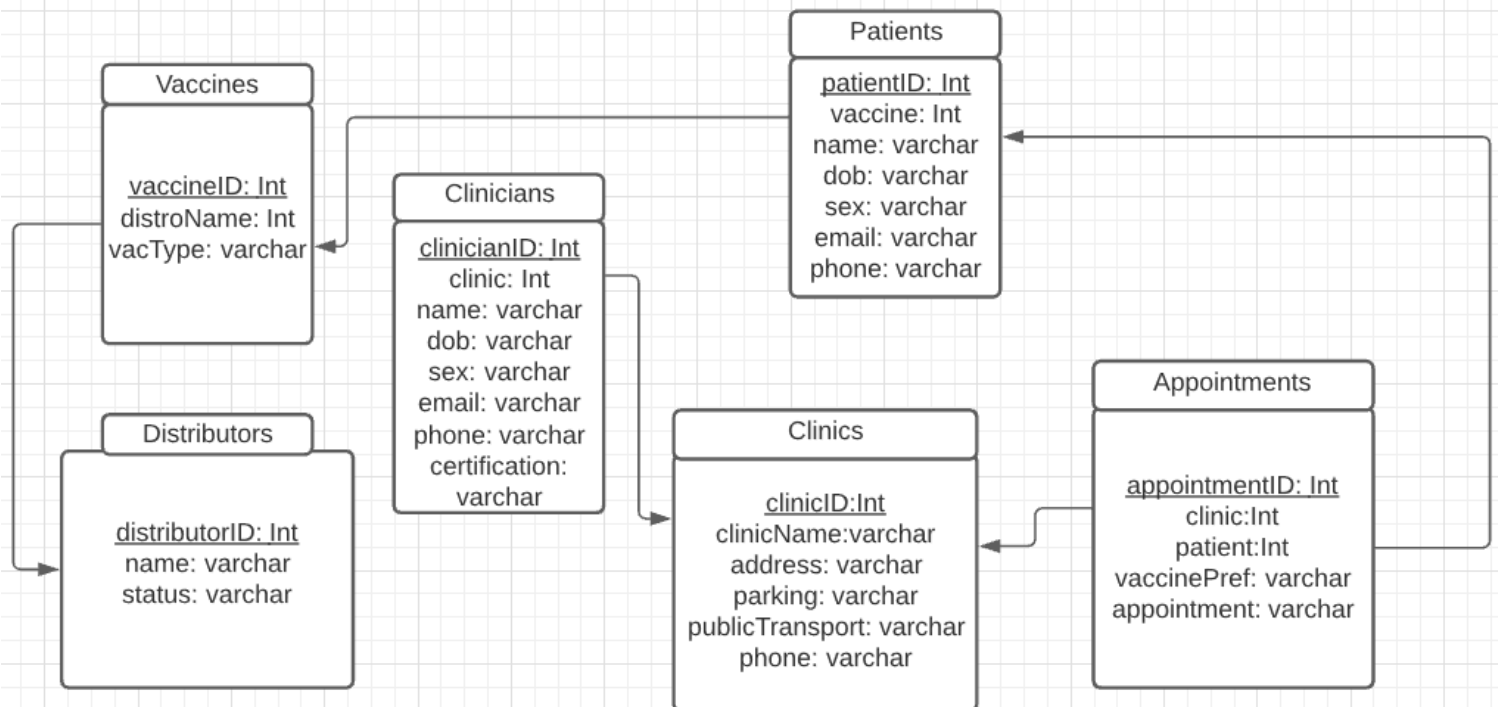
- appointmentID: int, AUTO\_INCREMENT, not NULL, PK
- clinic: int, not NULL, FK
- patient: int, not NULL, FK
- vaccinePref: varchar
- appointment: varchar, not NULL

relationship: M:1 relationship between Appointments and Clinics is implemented with clinicID as a FK inside of Appointments, and M:1 relationship between Appointments and Patients is implemented with patientID as FK in Appointments.

### ER Diagram



### Schema



# Home Page

## COVID-19 Vaccination Tracking



# Read Vaccines

## Vaccine Type

Add Vaccine

Vaccine Type: Pfizer

Distributor: A+ Distro

Submit

Refresh Table

Search Vaccine ID

Search

Vaccine ID	Vaccine Type	Distributor		
1	Pfizer	A+ Distro	Delete	Update
3	Pfizer	Distro & Logistics INC.	Delete	Update
2	Moderna	Move Stuff LLC.	Delete	Update
4	Johnson	iFreight	Delete	Update

# Create Vaccine 5



Vaccine ID	Vaccine Type	Distributor		
1	Johnson	Distro & Logistics INC.	Delete	Update
3	Pfizer	Distro & Logistics INC.	Delete	Update
2	Moderna	Move Stuff LLC.	Delete	Update
4	Johnson	iFreight	Delete	Update



Vaccine ID	Vaccine Type	Distributor		
1	Pfizer	A+ Distro	Delete	Update
2	Moderna	Move Stuff LLC.	Delete	Update
3	Pfizer	Distro & Logistics INC.	Delete	Update
4	Johnson	iFreight	Delete	Update
5	Moderna	Move Stuff LLC.	Delete	Update

## Update Vaccine ID 1



### Update Vaccine ID 1

Vaccine Type: Johnson  
Distributor: Distro & Logistics INC.  
Update



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### Vaccine Type

#### Add Vaccine

Vaccine Type: Pfizer  
Distributor: A+ Distro  
Submit

Refresh Table

Search Vaccine ID Search

Vaccine ID	Vaccine Type	Distributor		
1	Johnson	Distro & Logistics INC.	<span>Delete</span>	<span>Update</span>
2	Moderna	Move Stuff LLC.	<span>Delete</span>	<span>Update</span>
3	Pfizer	Distro & Logistics INC.	<span>Delete</span>	<span>Update</span>
4	Johnson	iFreight	<span>Delete</span>	<span>Update</span>
5	Moderna	Move Stuff LLC.	<span>Delete</span>	<span>Update</span>

## Delete Vaccine ID 5



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### Vaccine Type

#### Add Vaccine

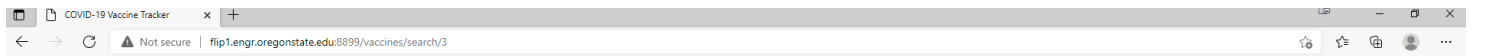
Vaccine Type: Pfizer  
Distributor: A+ Distro  
Submit

Refresh Table

Search Vaccine ID Search

Vaccine ID	Vaccine Type	Distributor		
1	Johnson	Distro & Logistics INC.	<span>Delete</span>	<span>Update</span>
3	Pfizer	Distro & Logistics INC.	<span>Delete</span>	<span>Update</span>
2	Moderna	Move Stuff LLC.	<span>Delete</span>	<span>Update</span>
4	Johnson	iFreight	<span>Delete</span>	<span>Update</span>

## Search Vaccine ID 3



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### Vaccine Type

#### Add Vaccine

Vaccine Type: Pfizer  
Distributor:   
Submit

Refresh Table

Search Vaccine ID Search

Vaccine ID	Vaccine Type	Distributor		
3	Pfizer	Distro & Logistics INC.	<span>Delete</span>	<span>Update</span>

# Read Appointments

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Home Vaccines Appointments Patients Clinics Clinicians Distributors

## Set an Appointment

Add Appointment

Clinic: 

Smith Health Clinic

Patient: 

Peyton Elliot

Vaccine Preference:  

Pfizer

Moderna

Johnson & Johnson

Appointment Time: 

8:00 AM

Submit

Refresh Table

Search Appointment ID

Search

Appointment ID	Clinic	Patient	Vaccine Preference	Appointment Time		
1	Smith Health Clinic	Mindy Gomez	Pfizer	10:00 AM	<div>Delete</div>	<div>Update</div>
2	Freds Drug Store	Peyton Elliot		1:15 PM	<div>Delete</div>	<div>Update</div>
3	Safe Medicine	Margie Lee	Johnson	8:00 AM	<div>Delete</div>	<div>Update</div>



## Create Appointment ID 4

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### Set an Appointment

**Add Appointment**

Clinic: Freds Drug Store

Patient: Mindy Gomez

Vaccine Preference: Pfizer Moderna Johnson & Johnson

Appointment Time: 8:00 AM

Submit

Refresh Table

Search Appointment ID Search

Appointment ID	Clinic	Patient	Vaccine Preference	Appointment Time		
1	Smith Health Clinic	Mindy Gomez	Pfizer	10:00 AM	Delete	Update
2	Freds Drug Store	Peyton Elliot		1:15 PM	Delete	Update
3	Safe Medicine	Margie Lee	Johnson	8:00 AM	Delete	Update

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### Set an Appointment

**Add Appointment**

Clinic: Smith Health Clinic

Patient: Peyton Elliot

Vaccine Preference: Pfizer Moderna Johnson & Johnson

Appointment Time: 8:00 AM

Submit

Refresh Table

Search Appointment ID Search

Appointment ID	Clinic	Patient	Vaccine Preference	Appointment Time		
1	Smith Health Clinic	Mindy Gomez	Pfizer	10:00 AM	Delete	Update
2	Freds Drug Store	Peyton Elliot		1:15 PM	Delete	Update
3	Safe Medicine	Margie Lee	Johnson	8:00 AM	Delete	Update
4	Freds Drug Store	Mindy Gomez	Johnson	8:00 AM	Delete	Update

## Update Appointment ID 4

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### Update Appointment ID 4

Clinic ID: Smith Health Clinic

Patient ID: Peyton Elliot

Vaccine Preference: Pfizer Moderna Johnson & Johnson

Appointment Time: 4:15 PM

Update

Refresh Table

Search Appointment ID Search

**Add Appointment**

Clinic: Smith Health Clinic

Patient: Peyton Elliot

Vaccine Preference: Pfizer Moderna Johnson & Johnson

Appointment Time: 8:00 AM

Submit

Appointment ID	Clinic	Patient	Vaccine Preference	Appointment Time		
1	Smith Health Clinic	Mindy Gomez	Pfizer	10:00 AM	Delete	Update
2	Freds Drug Store	Peyton Elliot		1:15 PM	Delete	Update
3	Safe Medicine	Margie Lee	Johnson	8:00 AM	Delete	Update
4	Smith Health Clinic	Peyton Elliot	Pfizer	4:15 PM	Delete	Update

## Delete Appointment ID 4

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### Set an Appointment

**Add Appointment**

Clinic: Smith Health Clinic

Patient: Peyton Elliot

Vaccine Preference:  
☐ Pfizer ☐ Moderna ☐ Johnson & Johnson

Appointment Time: 8:00 AM

Submit

Refresh Table

Appointment ID	Clinic	Patient	Vaccine Preference	Appointment Time		
1	Smith Health Clinic	Mindy Gomez	Pfizer	10:00 AM	<input type="button" value="Delete"/>	<a href="#">Update</a>
2	Freds Drug Store	Peyton Elliot		1:15 PM	<input type="button" value="Delete"/>	<a href="#">Update</a>
3	Safe Medicine	Margie Lee	Johnson	8:00 AM	<input type="button" value="Delete"/>	<a href="#">Update</a>

## Search Appointment ID 3

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### Set an Appointment

**Add Appointment**

Clinic:

Patient:

Vaccine Preference:  
☐ Pfizer ☐ Moderna ☐ Johnson & Johnson

Appointment Time: 8:00 AM

Submit

Refresh Table

Appointment ID	Clinic	Patient	Vaccine Preference	Appointment Time		
3	Safe Medicine	Margie Lee	Johnson	8:00 AM	<input type="button" value="Delete"/>	<a href="#">Update</a>

## Read Patients

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### Patient Records

**Add Patient**

Name:

Vaccine ID: None

Date of Birth:

Sex: ☐ Male ☐ Female

Email:

Phone:

Submit

Refresh Table

Patient ID	Name	Vaccine Type	Date of Birth	Sex	Email	Phone Number		
1	Peyton Elliot	Pfizer	05-05-1973	Male	peyton333@yahoo.com	578-555-7654	<input type="button" value="Delete"/>	<a href="#">Update</a>
2	Margie Lee	Moderna	12-25-2000	Female	marg12@yahoo.com	595-555-1111	<input type="button" value="Delete"/>	<a href="#">Update</a>
3	Mindy Gomez	Johnson	08-01-1954	Female	mindyg54@gmail.com	222-555-1234	<input type="button" value="Delete"/>	<a href="#">Update</a>

# Create Patient Tom Brady (Patient ID 4)



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## Patient Records

### Add Patient

Name:

Vaccine ID:

Date of Birth:

Sex: ☐ Male ☒ Female

Email:

Phone:

Patient ID	Name	Vaccine Type	Date of Birth	Sex	Email	Phone Number		
1	Peyton Elliot	Pfizer	05-05-1973	Male	peyton333@yahoo.com	578-555-7654	<input type="button" value="Delete"/>	<a href="#">Update</a>
2	Margie Lee	Moderna	12-25-2000	Female	marg12@yahoo.com	595-555-1111	<input type="button" value="Delete"/>	<a href="#">Update</a>
3	Mindy Gomez	Johnson	08-01-1954	Female	mindyg54@gmail.com	222-555-1234	<input type="button" value="Delete"/>	<a href="#">Update</a>



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## Patient Records

### Add Patient

Name:

Vaccine ID:

Date of Birth:

Sex: ☐ Male ☐ Female

Email:

Phone:

Patient ID	Name	Vaccine Type	Date of Birth	Sex	Email	Phone Number		
1	Peyton Elliot	Pfizer	05-05-1973	Male	peyton333@yahoo.com	578-555-7654	<input type="button" value="Delete"/>	<a href="#">Update</a>
2	Margie Lee	Moderna	12-25-2000	Female	marg12@yahoo.com	595-555-1111	<input type="button" value="Delete"/>	<a href="#">Update</a>
3	Mindy Gomez	Johnson	08-01-1954	Female	mindyg54@gmail.com	222-555-1234	<input type="button" value="Delete"/>	<a href="#">Update</a>
4	Tom Brady		08-03-1977	Female	tbrady@nfl.com	555-555-5555	<input type="button" value="Delete"/>	<a href="#">Update</a>

# Update Patient Tom Brady

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Update Patient: Tom Brady

Vaccine ID: 3 - Pfizer

Name: Tom Brady

Date of Birth: 08-03-1977

Sex: ☒ Male ☐ Female

Email: tbrady@nfl.com

Phone: 555-555-5555

Update

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Update Patient: Tom Brady

Vaccine ID: 3 - Pfizer

Name: Tom Brady

Date of Birth: 08-03-1977

Sex: ☒ Male ☐ Female

Email: tbrady@nfl.com

Phone: 555-555-5555

Update

Patient Records

Add Patient

Name:

Vaccine ID: None

Date of Birth: MM-DD-YYYY

Sex: ☐ Male ☐ Female

Email: example@gmail.com

Phone: 123-456-7890

Submit

Refresh Table

Search Patient Name

Search

Patient ID	Name	Vaccine Type	Date of Birth	Sex	Email	Phone Number		
1	Peyton Elliot	Pfizer	05-05-1973	Male	peyton333@yahoo.com	578-555-7654	Delete	Update
2	Margie Lee	Moderna	12-25-2000	Female	marg12@yahoo.com	595-555-1111	Delete	Update
3	Mindy Gomez	Johnson	08-01-1954	Female	mindyg54@gmail.com	222-555-1234	Delete	Update
4	Tom Brady	Pfizer	08-03-1977	Male	tbrady@nfl.com	555-555-5555	Delete	Update

# Delete Patient Margie Lee (Patient ID 2)

COVID-19 Vaccine Tracker

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Update Patient: Tom Brady

Vaccine ID: 3 - Pfizer

Name: Tom Brady

Date of Birth: 08-03-1977

Sex: ☒ Male ☐ Female

Email: tbrady@nfl.com

Phone: 555-555-5555

Update

Patient Records

Add Patient

Name:

Vaccine ID: None

Date of Birth: MM-DD-YYYY

Sex: ☐ Male ☐ Female

Email: example@gmail.com

Phone: 123-456-7890

Submit

Refresh Table

Search Patient Name

Search

Patient ID	Name	Vaccine Type	Date of Birth	Sex	Email	Phone Number		
1	Peyton Elliot	Pfizer	05-05-1973	Male	peyton333@yahoo.com	578-555-7654	Delete	Update
3	Mindy Gomez	Johnson	08-01-1954	Female	mindyg54@gmail.com	222-555-1234	Delete	Update
4	Tom Brady	Pfizer	08-03-1977	Male	tbrady@nfl.com	555-555-5555	Delete	Update

# Search Patient Tom

COVID-19 Vaccine Tracker

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## Patient Records

### Add Patient

Name:

Vaccine ID: 

None

Date of Birth:

Sex: ☐ Male ☐ Female

Email:

Phone:

Submit

Refresh Table

Search

Patient ID	Name	Vaccine Type	Date of Birth	Sex	Email	Phone Number		
4	Tom Brady	Pfizer	08-03-1977	Male	t.brady@nfl.com	555-555-5555	<div>Delete</div>	<a href="#">Update</a>

# Read Clinics

COVID-19 Vaccine Tracker

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## Clinics

### Add Clinic

Clinic Name:

Address:

Parking: ☐ True ☐ False

Public Transport: ☐ True ☐ False

Phone:

Submit

Refresh Table

Search

Clinic ID	Clinic Name	Address	Parking	Public Transport	Phone Number		
1	Smith Health Clinic	111 North Maple St., Miami, FL 33101	True	True	569-895-4859	<div>Delete</div>	<a href="#">Update</a>
2	Freds Drug Store	134 South Walnut, Denver, CO 80014	False	True	358-097-4532	<div>Delete</div>	<a href="#">Update</a>
3	Safe Medicine	999 Barker, Seattle, WA 98101	True		198-333-4862	<div>Delete</div>	<a href="#">Update</a>

# Create Clinic Marie's Medicine (Clinic ID 4)

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### Clinics

Add Clinic

Clinic Name: Marie's Medicine

Address: 55 West Main St, Chicago, IL 888

Parking: ☒ True ☐ False

Public Transport: ☐ True ☒ False

Phone: 111-222-3333

Submit

Refresh Table

Search Clinic Name

Search

Clinic ID	Clinic Name	Address	Parking	Public Transport	Phone Number		
1	Smith Health Clinic	111 North Maple St., Miami, FL 33101	True	True	569-895-4859	Delete	Update
2	Freds Drug Store	134 South Walnut, Denver, CO 80014	False	True	358-097-4532	Delete	Update
3	Safe Medicine	999 Barker, Seattle, WA 98101	True		198-333-4862	Delete	Update

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### Clinics

Add Clinic

Clinic Name:

Address: 123 Main St., New York, NY 9810

Parking: ☐ True ☐ False

Public Transport: ☐ True ☐ False

Phone: 123-456-7890

Submit

Refresh Table

Search Clinic Name

Search

Clinic ID	Clinic Name	Address	Parking	Public Transport	Phone Number		
1	Smith Health Clinic	111 North Maple St., Miami, FL 33101	True	True	569-895-4859	Delete	Update
2	Freds Drug Store	134 South Walnut, Denver, CO 80014	False	True	358-097-4532	Delete	Update
3	Safe Medicine	999 Barker, Seattle, WA 98101	True		198-333-4862	Delete	Update
4	Marie's Medicine	55 West Main St, Chicago, IL 88888	True	False	111-222-3333	Delete	Update

## Update Clinic Marie's Medicine (Clinic ID 4)



### Update Clinic: Marie's Medicine

Clinic Name:

Address:

Parking: ☒ True ☐ False

Public Transport: ☐ True ☒ False

Phone:



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### Clinics

#### Add Clinic

Clinic Name:

Address:

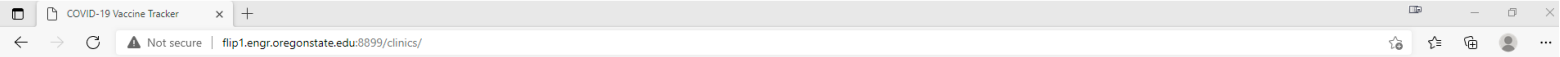
Parking: ☐ True ☐ False

Public Transport: ☐ True ☐ False

Phone:

Clinic ID	Clinic Name	Address	Parking	Public Transport	Phone Number		
1	Smith Health Clinic	111 North Maple St., Miami, FL 33101	True	True	569-895-4859	<input type="button" value="Delete"/>	<a href="#">Update</a>
2	Freds Drug Store	134 South Walnut, Denver, CO 80014	False	True	358-097-4532	<input type="button" value="Delete"/>	<a href="#">Update</a>
3	Safe Medicine	999 Barker, Seattle, WA 98101	True		198-333-4862	<input type="button" value="Delete"/>	<a href="#">Update</a>
4	Marie's Medicine	55 West Main St, Orlando, FL 77777	True	False	111-222-3333	<input type="button" value="Delete"/>	<a href="#">Update</a>

## Delete Clinic Safe Medicine (Clinic ID 3)



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### Clinics

#### Add Clinic

Clinic Name:

Address:

Parking: ☐ True ☐ False

Public Transport: ☐ True ☐ False

Phone:

Clinic ID	Clinic Name	Address	Parking	Public Transport	Phone Number		
1	Smith Health Clinic	111 North Maple St., Miami, FL 33101	True	True	569-895-4859	<input type="button" value="Delete"/>	<a href="#">Update</a>
2	Freds Drug Store	134 South Walnut, Denver, CO 80014	False	True	358-097-4532	<input type="button" value="Delete"/>	<a href="#">Update</a>
4	Marie's Medicine	55 West Main St, Orlando, FL 77777	True	False	111-222-3333	<input type="button" value="Delete"/>	<a href="#">Update</a>

# Search Clinic Smith



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## Clinics

### Add Clinic

Clinic Name:

Address:

Parking: ☐ True ☐ False

Public Transport: ☐ True ☐ False

Phone:

Clinic ID	Clinic Name	Address	Parking	Public Transport	Phone Number	
1	Smith Health Clinic	111 North Maple St., Miami, FL 33101	True	True	569-895-4859	<input type="button" value="Delete"/> <input type="button" value="Update"/>

## Read Clinicians



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## Clinician Records

### Add Clinician

Clinician Name:

Clinic Name:

Date of Birth:

Sex: ☐ Male ☐ Female

Email:

Phone Number:

Certified: ☐ True ☐ False

Clinician ID	Clinician Name	Clinic	Date of Birth	Sex	Email	Phone Number	Certified	
1	Megan Smith	Smith Health Clinic	09-18-1994	Female	meg123@aol.com	123-555-1265	True	<input type="button" value="Delete"/> <input type="button" value="Update"/>
3	Robert Burt	Smith Health Clinic	08-08-1970	Male	robbie11@gmail.com	222-453-2354	False	<input type="button" value="Delete"/> <input type="button" value="Update"/>
2	Jill Moore	Freds Drug Store	12-13-1985	Female	jill12@yahoo.com	595-345-1178	True	<input type="button" value="Delete"/> <input type="button" value="Update"/>

## Create Clinician Dr. Elmar Hartman (Clinician ID 4)



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## Clinician Records

### Add Clinician

Clinician Name:

Clinic Name:

Date of Birth:

Sex: ☒ Male ☐ Female

Email:

Phone Number:

Certified: ☒ True ☐ False

Clinician ID	Clinician Name	Clinic	Date of Birth	Sex	Email	Phone Number	Certified	
1	Megan Smith	Smith Health Clinic	09-18-1994	Female	meg123@aol.com	123-555-1265	True	<input type="button" value="Delete"/> <input type="button" value="Update"/>
3	Robert Burt	Smith Health Clinic	08-08-1970	Male	robbie11@gmail.com	222-453-2354	False	<input type="button" value="Delete"/> <input type="button" value="Update"/>
2	Jill Moore	Freds Drug Store	12-13-1985	Female	jill12@yahoo.com	595-345-1178	True	<input type="button" value="Delete"/> <input type="button" value="Update"/>



## Clinician Records

### Add Clinician

Clinician Name:

Clinic Name:

Date of Birth:

Sex: ☐ Male ☐ Female

Email:

Phone Number:

Certified: ☐ True ☐ False

Clinician ID	Clinician Name	Clinic	Date of Birth	Sex	Email	Phone Number	Certified		
1	Megan Smith	Smith Health Clinic	09-18-1994	Female	meg123@aol.com	123-555-1265	True	<input type="button" value="Delete"/>	<a href="#">Update</a>
2	Jill Moore	Freds Drug Store	12-13-1985	Female	jill12@yahoo.com	595-345-1178	True	<input type="button" value="Delete"/>	<a href="#">Update</a>
3	Robert Burt	Smith Health Clinic	08-08-1970	Male	robbie11@gmail.com	222-453-2354	False	<input type="button" value="Delete"/>	<a href="#">Update</a>
4	Dr. Elmar Hartman	Marie's Medicine	07-04-1983	Male	hartman333@aol.com	365-565-8985	True	<input type="button" value="Delete"/>	<a href="#">Update</a>

## Update Clinician Dr. Elmart Hartman (Clinician ID 4)

## Update Clinician: Dr. Elmar Hartman

Clinic ID:

Clinician Name:

Date of Birth:

Sex: ☒ Male ☐ Female

Email:

Phone Number:

Certified: ☐ True ☒ False

## Clinician Records

### Add Clinician

Clinician Name:

Clinic Name:

Date of Birth:

Sex: ☐ Male ☐ Female

Email:

Phone Number:

Certified: ☐ True ☐ False

Clinician ID	Clinician Name	Clinic	Date of Birth	Sex	Email	Phone Number	Certified		
1	Megan Smith	Smith Health Clinic	09-18-1994	Female	meg123@aol.com	123-555-1265	True	<input type="button" value="Delete"/>	<a href="#">Update</a>
2	Jill Moore	Freds Drug Store	12-13-1985	Female	jill12@yahoo.com	595-345-1178	True	<input type="button" value="Delete"/>	<a href="#">Update</a>
3	Robert Burt	Smith Health Clinic	08-08-1970	Male	robbie11@gmail.com	222-453-2354	False	<input type="button" value="Delete"/>	<a href="#">Update</a>
4	Dr. Elmar Hartman	Marie's Medicine	07-04-1983	Male	hartman333@aol.com	365-565-8985	False	<input type="button" value="Delete"/>	<a href="#">Update</a>

# Delete Clinician Robert Burt (Clinician ID 3)

## Clinician Records

### Add Clinician

Clinician Name:

Clinic Name: 

Smith Health Clinic

Date of Birth:

Sex: ☐ Male ☐ Female

Email:

Phone Number:

Certified: ☐ True ☐ False

Submit

Refresh Table

Search Clinician Name

Search

Clinician ID	Clinician Name	Clinic	Date of Birth	Sex	Email	Phone Number	Certified		
1	Megan Smith	Smith Health Clinic	09-18-1994	Female	meg123@aol.com	123-555-1265	True	Delete	Update
2	Jill Moore	Freds Drug Store	12-13-1985	Female	jill12@yahoo.com	595-345-1178	True	Delete	Update
4	Dr. Elmar Hartman	Marie's Medicine	07-04-1983	Male	hartman333@aol.com	365-565-8985	False	Delete	Update

# Search Clinician Megan

## Clinician Records

### Add Clinician

Clinician Name:

Clinic Name:

Date of Birth:

Sex: ☐ Male ☐ Female

Email:

Phone Number:

Certified: ☐ True ☐ False

Submit

Refresh Table

Search Clinician Name

Search

Clinician ID	Clinician Name	Clinic	Date of Birth	Sex	Email	Phone Number	Certified		
1	Megan Smith	Smith Health Clinic	09-18-1994	Female	meg123@aol.com	123-555-1265	True	Delete	Update

# Read Distributors

## Distributor Tracker

### Add Distributor

Distributor Name:

Status: ☐ Delivered ☐ Not Delivered

Submit

Refresh Table

Search Distributor Name

Search

Distributor ID	Distributor Name	Status	
1	A+ Distro	Delivered	Delete
2	Distro & Logistics INC.	Delivered	Delete
3	Move Stuff LLC.	Not Delivered	Delete
4	iFreight	Delivered	Delete

## Create Distributor Planet Express, Inc. (Distributor ID 5)

COVID-19 Vaccine Tracker

Not secure | flip1.engr.oregonstate.edu:8899/distributors

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### Distributor Tracker

**Add Distributor**

Distributor Name: Planet Express, Inc.

Status: ☐ Delivered ☒ Not Delivered

Submit

Refresh Table

Search Distributor Name

Search

Distributor ID	Distributor Name	Status	
1	A+ Distro	Delivered	Delete
2	Distro & Logistics INC.	Delivered	Delete
3	Move Stuff LLC.	Not Delivered	Delete
4	iFreight	Delivered	Delete

COVID-19 Vaccine Tracker

Not secure | flip1.engr.oregonstate.edu:8899/distributors

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### Distributor Tracker

**Add Distributor**

Distributor Name:

Status: ☐ Delivered ☐ Not Delivered

Submit

Refresh Table

Search Distributor Name

Search

Distributor ID	Distributor Name	Status	
1	A+ Distro	Delivered	Delete
2	Distro & Logistics INC.	Delivered	Delete
3	Move Stuff LLC.	Not Delivered	Delete
4	iFreight	Delivered	Delete
5	Planet Express, Inc.	Not Delivered	Delete

## Delete Distributor iFreight (Distributor ID 4)

COVID-19 Vaccine Tracker

Not secure | flip1.engr.oregonstate.edu:8899/distributors

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### Distributor Tracker

**Add Distributor**

Distributor Name:

Status: ☐ Delivered ☐ Not Delivered

Submit

Refresh Table

Search Distributor Name

Search

Distributor ID	Distributor Name	Status	
1	A+ Distro	Delivered	Delete
2	Distro & Logistics INC.	Delivered	Delete
3	Move Stuff LLC.	Not Delivered	Delete
5	Planet Express, Inc.	Not Delivered	Delete

# Search Distributor Move

## Distributor Tracker

### Add Distributor

Distributor Name:

Status: ☐ Delivered ☐ Not Delivered

Distributor ID	Distributor Name	Status	
3	Move Stuff LLC.	Not Delivered	<input type="button" value="Delete"/>