

 DOC-19

# DOC-19 VACCINATION

To combat the pandemic



DOC-19

# Content Outline

Topics for discussion

- 01 Introduction
- 02 Intro To our database
- 03 Basic Mockup
- 04 Conclusion



# What is DOC-19 VACCINATION

Database system that will help hospital manage:

- 1.Vaccines
- 2.Certificate
- 3.User

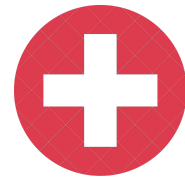


# DOC-19

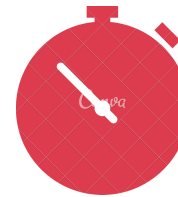
For Fast and Effective Approach



Urgency



Necessity



Timing



Support



To be able to effectively manage all this aspect  
will help save lives

— S.  
Hengsamrithiphol

# BASIC ER DIAGRAM

project_css326 Staff_Information	
IdStaff_Information	int(11)
First_Name	varchar(100)
Middle_Name	varchar(100)
Last_Name	varchar(100)
Gender	varchar(5)
Birth_Date	date
National_ID	int(11)
Passport_ID	varchar(45)
Contact_Number	int(11)
Email	varchar(45)
Address	varchar(100)
Status	varchar(45)
Role	varchar(45)

project_css326 Patient_Information	
IdPatient_Information	int(11)
First_Name	varchar(100)
Middle_Name	varchar(100)
Last_Name	varchar(100)
Gender	varchar(5)
Birth_Date	date
National_ID	bigint(11)
Passport_ID	varchar(45)
Contact_Number	bigint(11)
Email	varchar(45)
Address	varchar(45)

project_css326 Vaccine_Information	
IdVaccine_Information	int(11)
Name	varchar(45)
Manufacturer	varchar(45)
Type	varchar(45)
Lot	varchar(45)
Status	varchar(45)

project_css326 Booking	
IdVaccine_Certificated	int(11)
Vaccine_select	varchar(100)
Dose	varchar(45)
Date	date
Vaccination_Site	varchar(100)
IdPatient_Information	int(11)

project_css326 Post_Vaccination_Effect	
IdPost_Vaccination_Effect	int(11)
Effect_30minutes	varchar(100)
Effect_1day	varchar(100)
Patient_Information_IdPatient_Information	int(11)



Console

# Login Page



## Login

✉ Enter your email

🔒 Enter your national id

Submit

Don't have an account? [Signup now](#)

Get Vaccinated  
Be Healthy  
DOC-19

# Register Page



## Register

**First Name**

**Middle Name**

**Last Name**

**Gender**

**National ID**

**Passport ID**

**Birthdate:**  

**Address**

**E-Mail**

**Contact No.**

SUBMIT



# Vaccine Information Page



DOC-19

VACCINE INFORMATION

BOOKING

VACCINE CERTIFICATED

LOG OUT

## Vaccine Information

### Sinovac



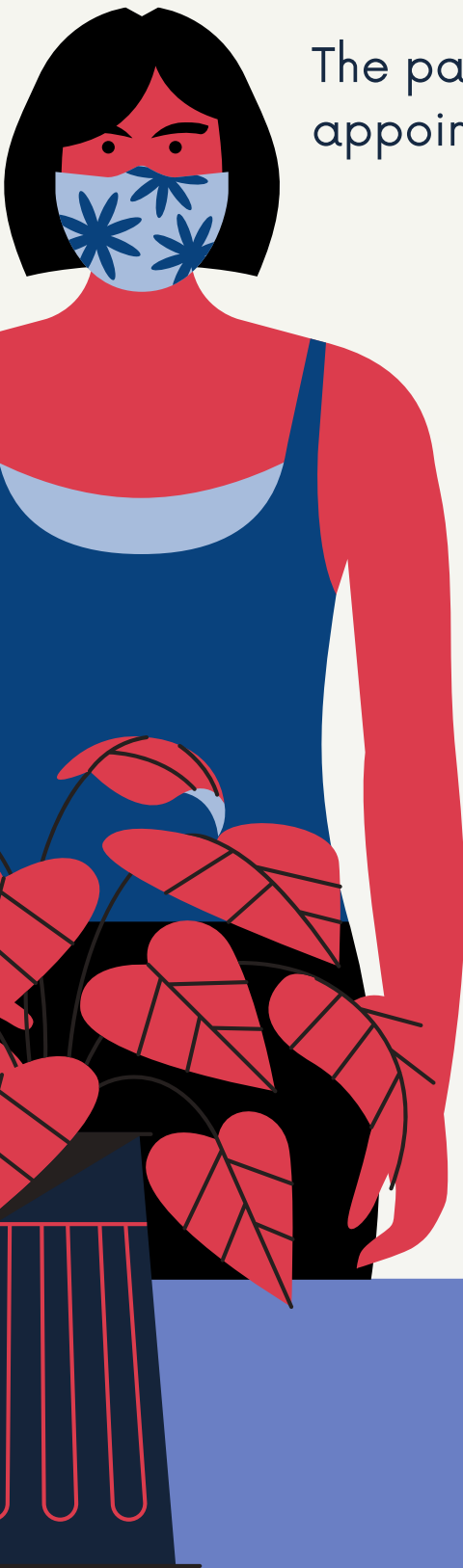
CoronaVac, also known as the Sinovac COVID-19 vaccine, is an inactivated virus COVID-19 vaccine developed by the Chinese company Sinovac Biotech. It was Phase III clinical trialled in Brazil, Chile, Indonesia, the Philippines, and Turkey and relies on traditional technology similar to BBIBP-CoV and Covaxin, other inactivated-virus COVID-19 vaccines. CoronaVac does not need to be frozen and both the final product and the raw material for formulating CoronaVac can be transported refrigerated at 2–8 °C (36–46 °F), temperatures at which flu vaccines are kept. A real-world study of tens of millions of Chileans who received CoronaVac found it 66% effective against symptomatic COVID-19, 88% against hospitalization, 90% against ICU admissions, and 86% against deaths. In Brazil, after 75% of the population in Serrana, São Paulo, received CoronaVac, preliminary results show deaths fell by 95%, hospitalizations by 86%, and symptomatic cases by 80%. In Indonesia, real world data from 128,290 healthcare workers showed 94% protection against symptomatic infection by the vaccine, beating results in clinical trials. Phase III results from Turkey published in The Lancet showed an efficacy of 84% based on 10,218 participants in the trials. Phase III results from Brazil previously showed 50.7% efficacy at preventing symptomatic infections and 83.7% effective in preventing mild cases needing treatment. Efficacy against symptomatic infections increased to 62.3% with an interval of 21 days or more between the doses.[16] CoronaVac is being used in vaccination campaigns in various countries in Asia, South America, Central America, and Eastern Europe. By April 2021, Sinovac had a production capacity of 2 billion doses a year. It is currently being manufactured at several facilities in China, with planned overseas manufacture in Brazil in September 2021 and eventually in Egypt and Hungary. On 1 June 2021, the World Health Organization (WHO) validated the vaccine for emergency use. Sinovac has signed purchase agreements for 380 million doses from COVAX. As of July 2021, CoronaVac was the most widely used COVID-19 vaccine in the world, with 943 million doses delivered.

### Pfizer

# Booking Page

## To allow more flexibility

The patient will be able to choose their appointment by themselves



### DOC-19

VACCINE INFORMATION

BOOKING

VACCINE CERTIFICATED

LOG OUT

### Vaccines Booking

Vaccine

Select Vaccine ▼

Date: 10/16/2021



Location

Select Location ▼

SUBMIT

# Vaccine Certificate



**DOC-19**

VACCINE INFORMATION

BOOKING

VACCINE CERTIFICATE

LOG OUT

## Vaccines Certificate

First Name: xrelax

Middle Name: ss

Last Name: haha

Gender: Male

Birth Date: 2021-11-01

Vaccine: Pfizer

Dose: 1

Date: 2021-10-16

Vaccination Site: Future Park Rangsit

# Criteria for success



## Safety

The Patient may be able to safely use this database without leaks

## Efficiency

This tool must be fast to use for both staff and patient

## Flexibility

Minor changes can be made according to the situation



# Questions or comments?

**Get in touch!**

**DOC-19 GROUP**

Any questions feel free  
to ask.

