

# **Chapter-1**

## **INTRODUCTION**

### **1.1 Introduction**

Immunisation Management System is a software developed for managing and tracking vaccination data and creating reports for multiple vaccination efforts. Since a couple of years all the vaccination records had to be manually documented and stored. For the past few years people are suffering from a variety of diseases treating them will require the administration of the vaccines. Hence vaccination centres have come up which serve patients by providing the exclusive vaccination or immunisation facility. Therefore, there is a lot of strain on the person who is meant for maintaining the vaccination history and records of patients. This particular project deals with the problems on managing a vaccination centre and avoids the which occur when carried manually.

This system is designed in favor of the vaccination centres which helps them to save the records of the patients about the vaccines that are administered to them. Nowadays the records of the patient have traditionally been compiled and maintained are stored in a computer database. We design this system of immunisation management especially for the vaccination centres and hospitals, through this we don't need any expert to handle this system as it is user friendly, any person with minimum computer knowledge can operate this system.

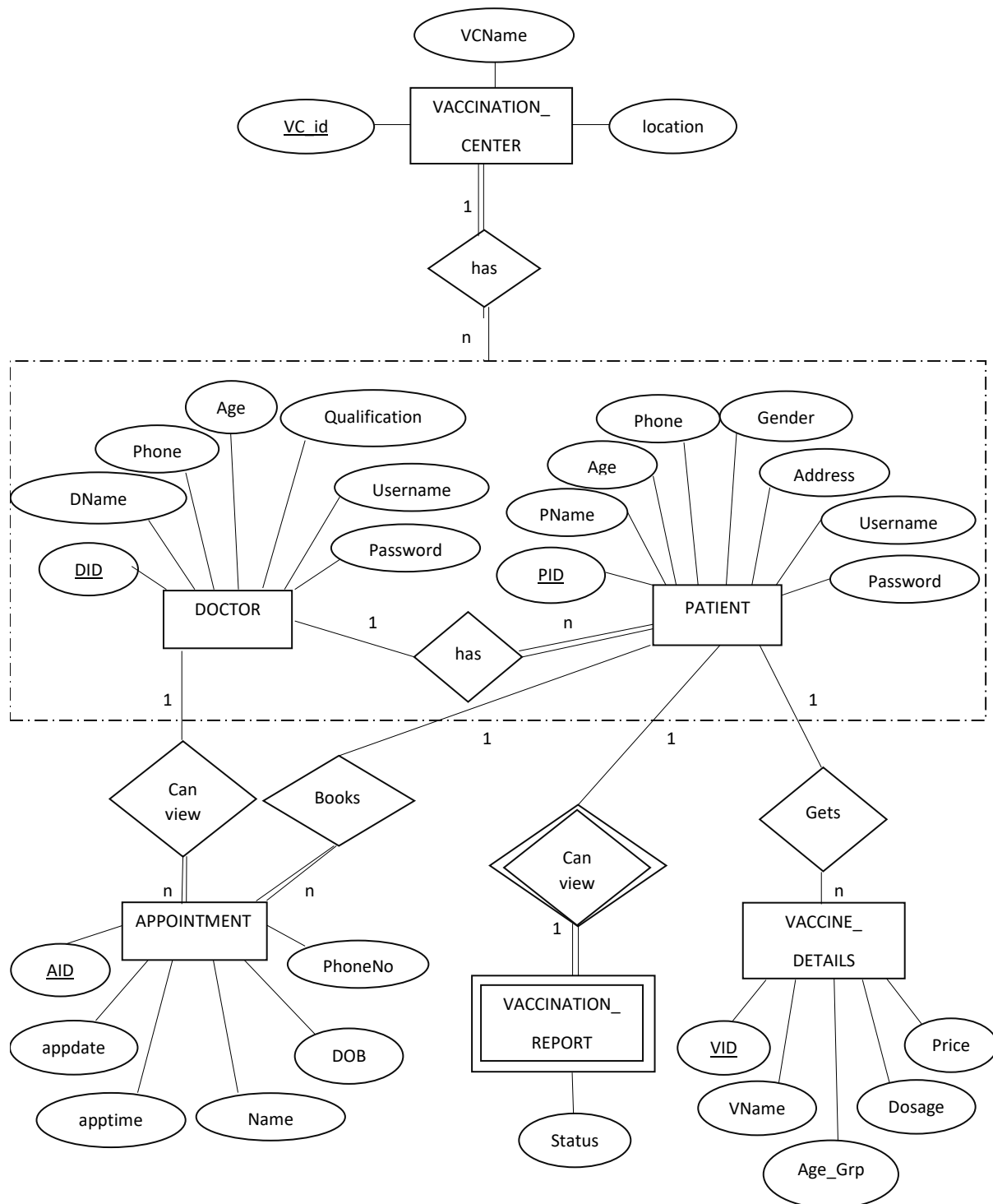
### **1.2 Problem Statement**

The “IMMUNISATION MANAGEMENT SYSTEM” is designed to avoid manual maintenance of records in vaccination centres or hospitals and to make them automated. It will provide relief to the administrators of the vaccination centre or the hospital. This system will help in booking appointments for a particular vaccine which will be monitored by the doctor.

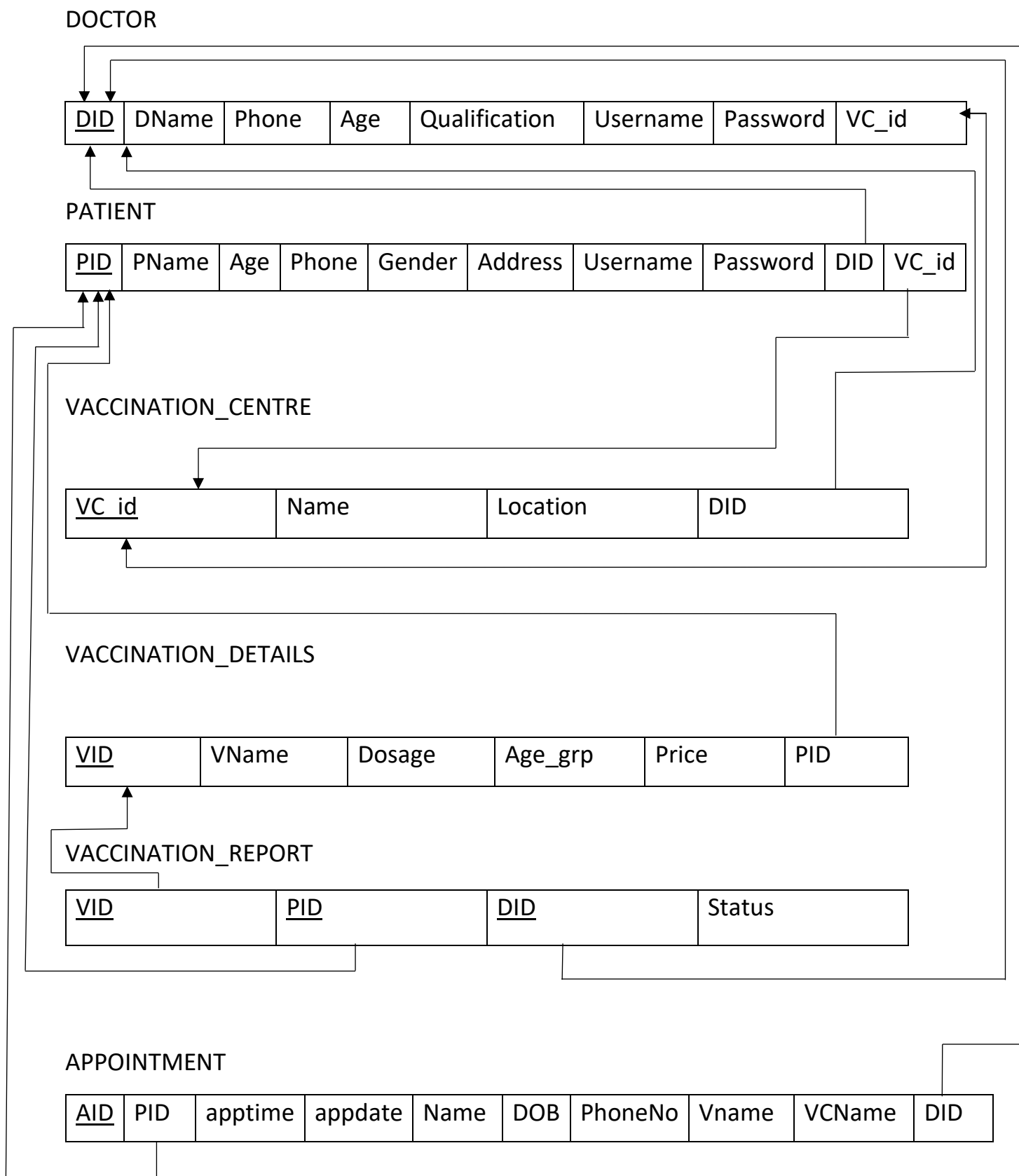
## Chapter-2

### BACK END DESIGN

#### 2.1 Conceptual database design ( ER Diagram )



## 2.2 Logical database design ( ER Mapping )



## 2.3 Normalisation

Database Normalization is a technique of organizing the data in the database. Normalization is a systematic approach of decomposing tables to eliminate data redundancy and undesirable characteristics like Insertion, Update and Deletion Anomalies. It is a multi-step process that puts data into tabular form by removing duplicated data from the relation tables.

Normalization is used for mainly two purposes,

- Eliminating redundant(useless) data.
- Ensuring data dependencies make sense i.e. data is logically stored.

### First Normal Form (1NF) :

As per First Normal Form

- a) There are no duplicated rows in the table.
- b) Each cell is single valued or atomic.

### Second Normal Form (2NF) :

As per Second Normal Form, a table is in 2NF if every non prime attribute is not partially dependent on any key of the table.

### Third Normal Form (3NF) :

Third Normal Form applies that every non-prime attribute of table must be dependent on primary key, or we can say that, there should not be the case that a non-prime attribute is determined by another non-prime attribute. So this transitive functional dependency should be removed from the table and also the table must be in the Second Normal Form.

### 2.3.1 NORMALIZATION OF DOCTOR

<u>DID</u>	DName	Phone	Age	Qualification	Username	Password	VC_id
	↑	↑	↑	↑	↑	↑	↑

#### First Normal Form

In DOCTOR, all the attributes are atomic and there cannot be duplicate rows.

Hence, it is in 1NF.

#### Second Normal Form

This is already in 2NF since every non key attribute is fully dependent on primary key.

#### Third Normal Form

Since there is no transitive functional dependency, therefore table is already in 3NF.

### 2.3.2 NORMALISATION OF PATIENT

<u>PID</u>	PName	Age	Phone	Gender	Address	Username	Password	DID	VC_id
	↑		↑		↑	↑	↑	↑	↑

#### First Normal Form

In PATIENT, all the attributes are atomic and there cannot be duplicate rows.

Hence, it is in 1NF.

#### Second Normal Form

This is already in 2NF since every non key attribute is fully dependent on primary key.

#### Third Normal Form

Since there is no transitive functional dependency, therefore table is already in 3NF.

### 2.3.3 NORMALIZATION OF VACCINATION\_CENTRE

<u>VC_id</u>	Name	Location	DID
	↑	↑	↑

**First Normal Form**

In VACCINATION\_CENTRE, all the attributes are atomic and there cannot be duplicate rows. Hence, it is in 1NF.

**Second Normal Form**

This is already in 2NF since every non key attribute is fully dependent on primary key.

**Third Normal Form**

Since there is no transitive functional dependency, therefore table is already in 3NF.

**2.3.4 NORMALIZATION OF VACCINATION\_DETAILS**

<u>VID</u>	VName	Dosage	Age_grp	Price	PID

**First Normal Form**

In VACCINATION\_DETAILS, all the attributes are atomic and there cannot be duplicate rows. Hence, it is in 1NF.

**Second Normal Form**

This is already in 2NF since every non key attribute is fully dependent on primary key.

**Third Normal Form**

Since there is no transitive functional dependency, therefore table is already in 3NF.

**2.3.5 NORMALIZATION OF VACCINATION**

<u>VID</u>	<u>PID</u>	<u>DID</u>	Status

**First Normal Form**

In VACCINATION\_REPORT, all the attributes are atomic and there cannot be duplicate rows. Hence, it is in 1NF.

**Second Normal Form**

This is already in 2NF since every non key attribute is fully dependent on primary key.

### Third Normal Form

Since there is no transitive functional dependency, therefore table is already in 3NF.

## 2.3.6 NORMALIZATION OF APPOINTMENT

<u>AID</u>	PID	apptime	appdate	Name	DOB	PhoneNo	Vname	VCName	DID
	↑	↑	↑	↑	↑	↑	↑	↑	↑

### First Normal Form

In APPOINTMENT, all the attributes are atomic and there cannot be duplicate rows.

Hence, it is in 1NF.

### Second Normal Form

This is already in 2NF since every non key attribute is fully dependent on primary key.

### Third Normal Form

Since there is no transitive functional dependency, therefore table is already in 3NF.

## **Chapter-3**

### **FRONT END DESIGN**

#### **HTML ( Hyper Text Markup Language )**

HTML is a standard markup language for creating web pages and web applications with Cascading Style Sheet ( CSS ) and JavaScript, it forms a triad of corner stone technologies of the World Wide Web.

#### **CSS ( Cascading Style Sheet )**

CSS is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a corner stone technology of the World Wide Web, alongside HTML and JavaScript.

### **3.1 Screen layout design for WebPages and forms**

#### **HTML <p> TAG:**

The HTML <p> element represents a paragraph of text. Paragraphs are usually represented in visual media as blocks of text that are separated from adjacent blocks by vertical blank space and/or first-line indentation. Paragraphs are block level elements.

#### **HTML <div> TAG:**

The HTML <div> element is the generic container for flow content and does not inherently represent anything. Use it to group elements for purposes such as styling (using the class or id attributes), marking a section of a document in a different language (using the lang attribute), and so on.

#### **HTML <br> TAG:**

The HTML <br> element produces a line break in text (carriage-return). It is useful for writing a poem or an address, where the division of lines is significant.

#### **HTML <input> TAG:**

The HTML <input> element is used to create interactive controls for web-based



forms in order to accept data from the user. An `<input>` works varies considerably depending on the value of its type attribute, hence the different types are covered in their own separate reference pages. If this attributes is not specified, the default type adopted type is text.

`<input>` elements of type text create basic, single-line inputs.

The **HTML `<thead>` element** defines a set of rows defining the head of the columns of the table.

The **HTML `<tbody>` element** groups one or more `<tr>` elements as the body of a `<table>` element.

### HTML `<form>` TAG:

The HTML `<form>` element represents a document section that contains interactive controls to submit information to a web server. It is possible to use the `:valid` and `:invalid` CSS pseudo-classes to style a `<form>`element. The HTTP method that the browser uses to submit the form. Possible values are:

**post:** Corresponds to the HTTP POST method ; form data are included in the body of the form and sent to the server.

**get:** Corresponds to the HTTP GET method; form data are appended to the action attribute URI with a '?' as separator, and the resulting URI is sent to the server. Use this method when the form has no side-effects and contains only ASCII characters. This value can be overridden by a form method attribute on a `<button>` or `<input>`element.

**action:** The URI of a program that processes the form information. This value can be overridden by a form action attribute on a `<button>` or `<input>` element.

## 3.2 Connectivity

### 3.2.1 Connecting to a MySQL database

We need our MySQL server address (if the database is on the same server as the web server it will most likely be **localhost** or **127.0.0.1**), *username*, *password* and *database name*. Create a **filename.php** file and open and close the *php* code with tags before the *html*, we can put regular html after it. Open the file in a browser and we should be able to see nothing apart from the title tag, if we could see the error in username/password or database name which means there is something wrong.

// Create connection

**<?php**

**\$connect\_error = 'sorry, server is down';**

**mysql\_connect('localhost', 'root', '') or die(\$connect\_error);**

**mysql\_select\_db('lr') or die(\$connect\_error);**

**?>**

## Chapter-4

### DESCRIPTION OF FUNCTIONALITIES

The major modules of Immunisation Management System are:

- Doctor Registration
- Doctor Login
- View Appointments
- Patient Registration
- Patient Login
- Book Appointments
- Delete Appointments

1. **Doctor Registration** : Through this module the doctor can register by filling in all his details in the doctor registration form using his/her Username and Password. In this page there are ten fields through which the data of the doctors can be stored .If a doctor clicks on “Submit” then the page will redirect the doctor to a login page through which he can login.
2. **Doctor Login** : Through this module the doctor can login to the Immunisation Management System and perform his actions. This module has two fields Username and Password. If the doctor clicks on “Login” with correct authentication. This page will redirect the doctor to the page where he can perform the required actions.
3. **View Appointments** : In this module the doctor can view the appointments that a patient has booked.This page displays all the details of the patient that he has filled while booking the appointments along with the appointment id.
4. **Patient Registration** : Through this module the patient can register by filling in all his details in the patient registration form using his/her Username and Password. In this page there are eleven fields through which the data of the patient can be stored .If a doctor clicks on “Submit” then the page will redirect the patient to a login page through which he can login.

5. **Patient Login** : Through this module the patient can login to the Immunisation Management System and perform his actions. This module has two fields Username and Password. If the doctor clicks on “Login” with correct authentication. This page will redirect the patient to the page where he can perform the required actions.
6. **Book Appointments** : Through this module the patient can book appointments to get a particular vaccine administered. This page has twelve fields through which a patient can select a nearby vaccination centre. The appointments are booked through a page which contains all the information about the vaccine that has to be administered to that particular patient. The appointments booked through the “Book Appointments” form can be viewed by the doctor.
7. **Delete Appointments** : In this module the appointments are deleted from the “Appointment” page of the doctor. The appointments are deleted only when the doctor confirms that a particular vaccine has been administered to a particular patient. This page has an “Administered” button and a text box where the doctor has to enter the respective patient id of a particular patient for whom the vaccine has been administered. When a doctor clicks on “Administered” the respective appointment of the patient will be deleted from the appointments list.

## **Chapter-5**

### **FRONT END IMPLEMENTATION IN PHP AND HTML**

#### **DATABASE CODE :**

##### **TABLES CREATION**

```
create table doctor
(Doctor_id varchar(20),
  DoctorName varchar(20),
  Qualification varchar(10),
  Gender varchar(10),
  PhoneNumber varchar(20),
  EmailAddress varchar(20),
  DOB varchar(10),
  Address varchar(30),
  username varchar(10),
  password varchar(20),
  constraint pkd primary key(Doctor_id));
```

```
create table patient
(Patient_id varchar(20),
  Name varchar(20),
  Gender varchar(10),
  DOB varchar(10),
  ContactNumber varchar(10),
  EmailAddress varchar(20),
  Height int(10),
  Weight int(10),
  username varchar(10),
  password varchar(20),
  constraint pkp primary key(Patient_id));
```

```
create table appointment
(aid int(11),
  pid int(11),
  appdate date,
  apptime time,
  Name varchar(20),
  DOB date,
```

```
PhoneNumber varchar(20),  
vname varchar(20),  
vcname varchar(20),  
constraint pka primary key(aid),  
constraint fk1 foreign key(pid) references patient (Patient_id),  
constraint fk2 foreign key(vname) references vaccine_details(vname),  
constraint fk3 foreign key(vcname) references vaccination_centre (vc_name));
```

```
create table vaccination_centre  
(vc_id int(11),  
vc_name varchar(20),  
location varchar(30),  
constraint pkvc primary key(vc_id));
```

```
create table vaccination_details  
(vid int(10),  
vname varchar(20),  
dosage varchar(5),  
constraint pkvd primary key(vid));
```

```
create table vaccination_report  
(aid int(11),  
name varchar(20),  
vname varchar(20),  
vcentre varchar(20),  
constraint fkvr foreign key(aid) references appointment(aid),  
constraint fkvr1 foreign key(Name) references patient(Patient_id),  
constraint fkvr2 foreign key(vname) references vaccine_details(vname),  
constraint fkvr3 foreign key(vcentre) references vaccination_centre(vc_name));
```

## PHP CODE:

### firstpage.php

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body {
    margin: 0;
    font-family: Arial, Helvetica, sans-serif;
    background-color: bisque;
}
.img {
    background: url(images/im.jpeg) no-repeat center;
    background-size: cover;
    height: 800px;
    position: relative;
}
.txt {
    text-align: center;
    position: absolute;
    top: 30%;
    left: 50%;
    transform: translate(-50%, -50%);
    color: white;
}
.button {
    background-color: #4CAF50; /* Green */
    border: none;
    color: white;
    padding: 16px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 20px;
    margin: 4px 2px;
    -webkit-transition-duration: 0.4s; /* Safari */
    transition-duration: 0.4s;

    cursor: pointer;
```

```
}  
.button1 {  
  background-color: white;  
  color: black;  
  border: 2px solid #4CAF50;  
  padding: 20px;  
}  
.button1:hover {  
  background-color: #4CAF50;  
  color: white;  
}  
.button2 {  
  background-color: white;  
  color: black;  
  border: 2px solid #008CBA;  
  margin-left: 20px;  
}  
.button2:hover {  
  background-color: #008CBA;  
  color: white;  
}  
.button3 {  
  background-color: white;  
  color: black;  
  border: 2px solid #f44336;  
}  
  
.button3:hover {  
  background-color: #f44336;  
  color: white;  
}  
.button4 {  
  background-color: white;  
  color: black;  
  border: 2px solid #e7e7e7;  
  padding: 50px;  
}  
.button4:hover {background-color:chartreuse;}  
.button5 {  
  background-color: white;  
  color: black;  
  border: 2px solid #555555;  
  padding: 50px;  
}
```



```
.button5:hover {
  background-color: #555555;
  color: white;
}

.button6 {
  background-color: white;
  color: black;
  border: 2px solid blue;
}

.button6:hover {
  background-color: blue;
  color: white;
}

* {box-sizing: border-box;}
body {font-family: Verdana, sans-serif;}
.mySlides {display: none;}
img {vertical-align: middle;}

/* Slideshow container */
.slideshow-container {
  max-width: 1000px;
  position: relative;
  margin: auto;
  image-orientation: center;
  margin-top: 5%;
}

/* Caption text */
.txt {
  color: black;
  font-size: 15px;
  padding: 8px 12px;
  position: absolute;
  bottom: 8px;
  width: 100%;
  text-align: center;
  margin-top: 5px;
}

/* The dots/bullets/indicators */
.dot {
  height: 15px;
  width: 15px;
  margin: 0 2px;
  background-color: #bbb;
  border-radius: 50%;
  display: inline-block;
```

```
    transition: background-color 0.6s ease;
  }
  .active {
    background-color: #717171;
  }
  /* Fading animation */
  .fade {
    -webkit-animation-name:fade;
    -webkit-animation-duration: 3s;
    animation-name: fade;
    animation-duration: 3s;
  }
  @-webkit-keyframes fade {
    from {opacity: .4}
    to {opacity: 1}
  }
  @keyframes fade {
    from {opacity: .4}
    to {opacity: 1}
  }
  /* On smaller screens, decrease text size */
  @media only screen and (max-width: 300px) {
    .text {font-size: 11px}
  }
</style>
</head>
<body>
<div class="slideshow-container">
<div class="mySlides fade">

</div>
<div class="mySlides fade">

</div>
<div class="mySlides fade">

</div>
</div>
<br>
<div style="text-align:center">
  <span class="dot"></span>
  <span class="dot"></span>
  <span class="dot"></span>
</div>
<div class="txt">
```

```

<h1 style="font-size:60px">TracVax</h1>
<h2>Track your records!!!!</h2>
<br><br><br>
<br><br><br>
<a href="docreg.php"><button class="button button2">Doctor Registration</button></a>
<a href="pareg.php"><button class="button button2">Patient Registration</button></a>
<a href="dloginpage.php"><button class="button button2">Doctor Login</button></a>
<a href="ploginpage.php"><button class="button button2">Patient Login</button></a>
<br>
<a href="about.php"> <button class="button button1">About Us</button></a>
</div>
<script>
var slideIndex = 0;
showSlides();

function showSlides() {
  var i;
  var slides = document.getElementsByClassName("mySlides");
  var dots = document.getElementsByClassName("dot");
  for (i = 0; i < slides.length; i++) {
    slides[i].style.display = "none";
  }
  slideIndex++;
  if (slideIndex > slides.length) {slideIndex = 1}
  for (i = 0; i < dots.length; i++) {
    dots[i].className = dots[i].className.replace(" active", "");
  }
  slides[slideIndex-1].style.display = "block";
  dots[slideIndex-1].className += " active";
  setTimeout(showSlides, 2000); // Change image every 2 seconds
}
</script>
</body>
</html>

```

### docreg.php

```

<html>
<style>
  .body{
    background-color:bisque;
  }
/* Bordered form */
form {
  border: 5px solid #f1f1f1;

```

```
width: 30%;
padding: 10px;
position: absolute;
left: 50%;
top: 50%;
transform: translate(-50%, -50%);
}
/* Full-width inputs */
input[type=text], input[type=password] {
width: 100%;
padding: 12px 20px;
margin: 8px 0;
display: inline-block;
border: 1px solid #ccc;
box-sizing: border-box;
}
button {
background-color:#4CAF50;
color: white;
padding: 15px 10px;
margin: 15px 0;
border: none;
cursor: pointer;
width: 20%;
}
/* Add a background color when the inputs get focus */
input[type=text]:focus, input[type=password]:focus {
background-color: #ddd;
outline: none;
}
.a
{
font-size: 20px;
}
/* Set a style for all buttons */
button {
align-self: center;
text-align: center;
font-size-adjust: auto;
font-size: 20px;
background-color: #4CAF50;
color: white;
padding: 15px 100px;
margin: 20px 8px;
border: none;
```

```
    cursor:pointer;
    width: 100%;
    opacity: 0.9;
}
button:hover {
    opacity:1;
}
.b
{
    color: black;
    margin-left: 5%;
    left:0;
}
/* The message box is shown when the user clicks on the password field */
#message {
    display:none;
    background: #f1f1f1;
    color: #000;
    position: relative;
    padding: 20px;
    margin-top: 10px;
}
#message p {
    padding: 10px 35px;
    font-size: 15px;
}
/* Add a green text color and a checkmark when the requirements are right */
.valid {
    color: green;
}
.valid:before {
    position: relative;
    left: -35px;
    content: "✓";
}
/* Add a red text color and an "x" when the requirements are wrong */
.invalid {
    color: red;
}
.invalid:before {
    position: relative;
    left: -35px;
    content: "✗";
}
</style>
```

```

<body>
  <div class="a">
    <left>
<h1>TracVax</h1>
<h3>Track your records!!!!</h3>
</left>
    </div>
    <div class="b">
      <p> To go back to main page<br><br><a href="firstpage.php"><button
class="button1">Click here</button></a></p>
      <p>Already registered??<br>Then click below to login to your account<br><br><a
href="dloginpage.php"><button class="button1">Login</button></a></p>
    </div>
    <div id='id' >
      <form action="dinsert.php" method="post">
        <h1><b>Sign Up!!</b></h1>
<div class="container">
      <label for="did"><b>Doctor Id</b></label>
      <input type="text" placeholder="Please enter your identification number" name="doctorid"
required>
      <label for="fname"><b>Full Name</b></label>
      <input type="text" placeholder="Please enter your full name" name="fullname" required>
      <label for="fname"><b>Qualification</b></label>
      <input type="text" placeholder="Please enter your qualification" name="qualification"
required>
      <label for="gender"><b>Gender</b></label><br>
      <input type="radio" name="gender" value="m" checked>Male
      <input type="radio" name="gender" value="f" >Female
      <br>
      <br>
      <label for="date"><b>DOB</b></label>
      <br>
      <br>
      <input type="date" placeholder="Enter DOB" name="dob" required>
      <br>
      <br>
      <label for="add"><b>Address</b></label>
      <input type="text" placeholder="Please enter your address" name="add" required><br>

      <label for="ph"><b>Phone number</b></label>
      <input type="text" placeholder="Enter Phone number" name="ph" required>
<label for="email"><b>E-mail Address</b></label>
      <input type="text" placeholder="Please enter your e-mail address" name="email"
required>
      <label for="uname"><b>Username</b></label>

```

```
<input type="text" placeholder="Enter Username" name="uname" required>

<label for="psw"><b>Password</b></label>
  <input type="password" id="psw" name="psw" pattern="(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,}" title="Must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters" required>
  <button type="submit">Submit</button>
  <button type="reset" value="Reset">Reset</button>
  <br>
</div>
<div class="container" style="background-color:#f1f1f1">
</div>
  <div id="message">
    <h3>Password must contain the following:</h3>
    <p id="letter" class="invalid">A <b>lowercase</b> letter</p>
    <p id="capital" class="invalid">A <b>capital (uppercase)</b> letter</p>
    <p id="number" class="invalid">A <b>number</b></p>
    <p id="length" class="invalid">Minimum <b>8 characters</b></p>
  </div>
</form>
<script>
var myInput = document.getElementById("psw");
var letter = document.getElementById("letter");
var capital = document.getElementById("capital");
var number = document.getElementById("number");
var length = document.getElementById("length");
// When the user clicks on the password field, show the message box
myInput.onfocus = function() {
  document.getElementById("message").style.display = "block";
}
// When the user clicks outside of the password field, hide the message box
myInput.onblur = function() {
  document.getElementById("message").style.display = "none";
}
// When the user starts to type something inside the password field
myInput.onkeyup = function() {
  // Validate lowercase letters
  var lowerCaseLetters = /[a-z]/g;
  if(myInput.value.match(lowerCaseLetters)) {
    letter.classList.remove("invalid");
    letter.classList.add("valid");
  } else {
    letter.classList.remove("valid");
    letter.classList.add("invalid");
  }
}
```

```
// Validate capital letters
var upperCaseLetters = /[A-Z]/g;
if(myInput.value.match(upperCaseLetters)) {
    capital.classList.remove("invalid");
    capital.classList.add("valid");
} else {
    capital.classList.remove("valid");
    capital.classList.add("invalid");
}

// Validate numbers
var numbers = /[0-9]/g;
if(myInput.value.match(numbers)) {
    number.classList.remove("invalid");
    number.classList.add("valid");
} else {
    number.classList.remove("valid");
    number.classList.add("invalid");
}

// Validate length
if(myInput.value.length >= 8) {
    length.classList.remove("invalid");
    length.classList.add("valid");
} else {
    length.classList.remove("valid");
    length.classList.add("invalid");
}
}
function validateForm()
{
    var x=document.getElementById('id01');
    if(x=="")
    {
        alert("Please enter the data");
        return false;
    }
    else
    {
        alert("Your appointment has been successfully registered!!!");
        return false;
    }
}
</script>
```



```
</div>
</body>
</html>
```

### **dview.php**

```
<!doctype html>
<html>
<head>
  <title>view</title>
  <style type="text/css">
    table {
      border-collapse: collapse;
      width: 100%;
      color: #d96459;
      font-family: monospace;
      font-size: 15px;
      text-align: left;
    }
    th {
      background-color: #588c7e;
      color: white;
    }
    tr:nth-child(even) { background-color: #f2f2f2
.button1
  {
    background-color: white;
    color: black;
    border: 2px solid #4CAF50;
    padding: 10px;
  }
.button1:hover {
  background-color: #4CAF50;
  color: white;
}
  </style>
</head>
<body>
  <table>
    <tr>
      <th>Doctor ID</th>
      <th>Doctor Name</th>
      <th>Qualification</th>
      <th>Gender </th>
```

```

        <th>Phone Number</th>
        <th>Email Address</th>
        <th>DOB</th>
        <th>Address</th>

    </tr>
<?php
    $conn = mysqli_connect("localhost","root","","immnisation");
    if($conn-> connect_error) {
        die("Connection Failed:". $conn-> connect_error);
    }
    $sql = "SELECT
Doctor_id,DoctorName,Qualification,Gender,PhoneNumber,EmailAddress,DOB,Address
FROM doctor";
    $result = $conn-> query($sql);
    if($result-> num_rows > 0) {
        while($row = $result-> fetch_assoc()) {
            echo "<tr> <td>". $row["Doctor_id"] . " </td>
                <td>". $row["DoctorName"] . " </td>
                <td>". $row["Qualification"] . " </td>
                <td>". $row["Gender"] . " </td>
                <td>". $row["PhoneNumber"] . " </td>
                <td>". $row["EmailAddress"] . " </td>
                <td>". $row["DOB"] . " </td>
                <td>". $row["Address"] . " </td>
                <td></tr>";
        }
        echo "</table>";
    }
    else {
        echo "0 result";
    }
    $conn-> close();
?>
</table>
    <br><br>
    <center><p><br><br><br><a href="patient.php"><button
class="button1">Back</button></a></p></center>
    </body>
</html>

```

**doctor.php**

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body {
  margin: 0;
  font-family: Arial, Helvetica, sans-serif;
}
.hero-image {
  background: url(images/im.jpeg) no-repeat center;
  background-size: cover;
  height: 800px;
  position: relative;
}
.hero-text {
  text-align: center;
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
  color: white;
}
.button {
  background-color: #4CAF50; /* Green */
  border: none;
  color: white;
  padding: 16px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 16px;
  margin: 4px 2px;
  -webkit-transition-duration: 0.4s; /* Safari */
  transition-duration: 0.4s;
  cursor: pointer;
}
.button1 {
  background-color: white;
  color: black;
  border: 2px solid #4CAF50;
}
.button1:hover {
  background-color: #4CAF50;
  color: white;
}
```

```
}
.button2 {
  background-color: white;
  color: black;
  border: 2px solid #008CBA;
}
.button2:hover {
  background-color: #008CBA;
  color: white;
}
.button3 {
  background-color: white;
  color: black;
  border: 2px solid #f44336;
}
.button3:hover {
  background-color: #f44336;
  color: white;
}
.button4 {
  background-color: white;
  color: black;
  border: 2px solid #e7e7e7;
}
.button4:hover {background-color:chartreuse;}
.button5 {
  background-color: white;
  color: black;
  border: 2px solid #555555;
}
.button5:hover {
  background-color: #555555;
  color: white;
}
</style>
</head>
<body>
<div class="hero-image">
  <div class="hero-text">
    <h1 style="font-size: 80px">Doctor</h1>
    <h1 style="font-size:60px">TracVax</h1>
    <button          class="button          button1"          type="submit"
onclick="window.location.href='dview.php'">Details</button>
    <a href="appview.php"> <button class="button button2">Appointments</button></a>
    <br><br><br><br>
```

```
</div>
<br>
<center><p > To go back to main page<a href="firstpage.php"><button class="button
button1">Click here</button></a></p></center>
</div>
</body>
</html>
```

### **ploginpage.php**

```
<!doctype html>
<html>
<style>
    html
    {
        scroll-behavior: smooth;
    }
    div.a{
        text-align: center;
        font-weight: 100;
        font-size: 40px;
        font-style: normal;
        font-feature-settings: normal;
        color: green;
        font-variant-alternates: normal;
    }
    bg{
        background-color: beige;
    }
    img {
        display: block;
        margin-left: auto;
        margin-right: auto;
    }
    body {font-family: Arial, Helvetica, sans-serif;}
    * {box-sizing: border-box;}
    /* Full-width input fields */
    input[type=text], input[type=password] {
        width: 100%;
        padding: 15px;
        margin: 5px 0 22px 0;
        display: inline-block;
        border:none;
```

```
background: #f1f1f1;
}
/* Add a background color when the inputs get focus */
input[type=text]:focus, input[type=password]:focus {
background-color: #ddd;
outline: none;
}
/* Set a style for all buttons */
button {
align-self: center;
text-align: center;
font-size-adjust: auto;
font-size: 20px;
background-color: #4CAF50;
color: white;
padding: 15px 100px;
margin: 20px 8px;
border: none;
cursor: pointer;
width: 100%;
opacity: 0.9;
}
button:hover {
opacity: 1;
}
/* Extra styles for the cancel button */
.cancelbtn {
padding: 14px 20px;
background-color: #f44336;
}
/* Float cancel and signup buttons and add an equal width */
.cancelbtn, .signupbtn {
float: left;
width: 50%;
}
/* Add padding to container elements */
.container {
padding: 5px;
}
/* The Modal (background) */
.modal {
display: none; /* Hidden by default */
position: fixed; /* Stay in place */
z-index: 1; /* Sit on top */
left: 0;
```

```
top: 0;
width: 100%; /* Full width */
height: 100%; /* Full height */
overflow: auto; /* Enable scroll if needed */
background-color: #474e5d;
padding-top: 50px;
}
/* Modal Content/Box */
.modal-content {
background-color: #fefefe;
margin: 5% auto 15% auto; /* 5% from the top, 15% from the bottom and centered */
border: 1px solid #888;
width: 80%; /* Could be more or less, depending on screen size */
}
/* Style the horizontal ruler */
hr {
border: 1px solid #f1f1f1;
margin-bottom: 25px;
}
/* The Close Button (x) */
.close {
position: absolute;
right: 35px;
top: 15px;
font-size: 40px;
font-weight: bold;
color: #f1f1f1;
}
.close:hover,
.close:focus {
color: #444336;
cursor: pointer;
}
/* Clear floats */
.clearfix::after {
content: "";
clear: both;
display: table;
}
/* Change styles for cancel button and signup button on extra small screens */
@media screen and (max-width: 300px) {
.cancelbtn, .signupbtn {
width: 100%;
}
}
```

```

/* Add Zoom Animation */
.animate {
  -webkit-animation: animatezoom 0.6s;
  animation: animatezoom 0.6s
} @-webkit-keyframes animatezoom {
  from {-webkit-transform: scale(0)}
  to {-webkit-transform: scale(1)}
}
@keyframes animatezoom {
  from {transform: scale(0)}
  to {transform: scale(1)}
} /* Change styles for span and cancel button on extra small screens */
@media screen and (max-width: 300px) {
  span.psw {
    display: block;
    float: none;
  }
  .cancelbtn {
    width: 100%;
  }
}
</style>
<body>
<br>
  <div class="a">
<h2><b><i>Patient Login </i></b></h2>
</div>
  <div class="w3-container">
    
  </div>
  <br>
<center><button          onclick="document.getElementById('id01').style.display='block'"
style="width:auto;" align="center">Login</button>
</center>
  <div id="id01" class="modal">
    <form class="modal-content animate" action="loginp.php" method="post">
      <div class="imgcontainer">
        <span  onclick="document.getElementById('id01').style.display='none'" class="close"
title="Close Modal">&times;</span>
        
      </div>
      <div class="container">
        <label for="uname"><b>Username</b></label>
        <input type="text" placeholder="Enter Username" name="uname" required>

```



```
<label for="psw"><b>Password</b></label>
<input type="password" id="psw" name="psw" required>
<button type="submit">Login</button>
<label>
  <input type="checkbox" checked="checked" name="remember"> Remember me
</label>
</div>
</form>
</div>
</body>
</html>
```

### **patient.php**

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
  .b
  {
    color: black;
    margin-left: 5%;
    left:0;
  }
body {
  margin: 0;
  font-family: Arial, Helvetica, sans-serif;
}
.hero-image {
  background: url(images/im.jpeg) no-repeat center;
  background-size: cover;
  height: 800px;
  position: relative;
}
.hero-text {
  text-align: center;
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
  color: white;
}
.button {
```

```
background-color: #4CAF50; /* Green */
border: none;
color: white;
padding: 16px 32px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
margin: 4px 2px;
-webkit-transition-duration: 0.4s; /* Safari */
transition-duration: 0.4s;
cursor: pointer;
}
.button1 {
background-color: white;
color: black;
border: 2px solid #4CAF50;
}
.button1:hover {
background-color: #4CAF50;
color: white;
}
.button2 {
background-color: white;
color: black;
border: 2px solid #008CBA;
}
.button2:hover {
background-color: #008CBA;
color: white;
}
.button3 {
background-color: white;
color: black;
border: 2px solid #f44336;
}
.button3:hover {
background-color: #f44336;
color: white;
}
.button4 {
background-color: white;
color: black;
border: 2px solid #e7e7e7;
}
```

```

.button4:hover { background-color: chartreuse; }
.button5 {
  background-color: white;
  color: black;
  border: 2px solid #555555;
}
.button5:hover {
  background-color: #555555;
  color: white;
}
</style>
</head>
<body>
<div class="hero-image">
  <div class="hero-text">
    <div class="b">
      <left><p style="font-size: 20px;"> To go back to main page<br><br><a
href="firstpage.php"><button class="button1" style="padding: 20px;">Click
here</button></a></p></left>
    </div>
    <h1 style="font-size: 80px">Patient </h1>
    <h1 style="font-size: 60px">TracVax</h1>
    <h3>Track your records!!!!</h3>
    <button class="button button1" type="button"
onclick="window.location.href='pview.php'">My Details</button>
    <!-- <a href="mychart.php"><button class="button button2">Patient Report</button></a>-
->
    <a href="mychart.php"><button class="button button3">Book
Appointment</button></a>
  </div>
</div>
</body>
</html>

```

### appointment.php

```

<html>
<style>
  .body{
    background-color: bisque;
  }
/* Bordered form */
form {
  border: 5px solid #f1f1f1;
  width: 30%;

```

```
padding: 10px;
position: absolute;
left: 50%;
top: 50%;
transform: translate(-50%, -50%);

/* Full-width inputs */
input[type=text], input[type=password] {
  width: 100%;
  padding: 12px 20px;
  margin: 8px 0;
  display: inline-block;
  border: 1px solid #ccc;
  box-sizing: border-box;
}
  button {
    background-color: #4CAF50;
    color: white;
    padding: 15px 10px;
    margin: 15px 0;
    border: none;
    cursor: pointer;
    width: 20%;
  }
  /* Add a background color when the inputs get focus */
input[type=text]:focus, input[type=password]:focus {
  background-color: #ddd;
  outline: none;
}
.a
{
  font-size: 20px;
}
.button1 {
  background-color: white;
  color: black;
  border: 2px solid #4CAF50;
  padding: 25px;
}
.button1:hover {
  background-color: #4CAF50;
  color: white;
}
.b
{
```

```

        color: black;
        margin-left: 5%;
        left:0;
    }
</style>
<body>
    <div class="a">
        <left>
<h1>TracVax</h1>
<h3>Track your records!!!!</h3>
</left>
</div>
    <div class="b">
        <p>    To go back to main page<br><br><a href="patient.php"><button
class="button1">Click here</button></a></p>
    </div>
    <div id='id' >
        <form action="appinsert.php" method="post">
            <h1><b>Book your Appointments!!</b></h1>
<div class="container">
    <label for="aid"><b>Appointment Id</b></label>
    <input type="text" placeholder="Please enter your identification number" name="aid"
required>
    <label for="aid"><b>Patient Id</b></label>
    <input type="text" placeholder="Please enter your identification number" name="pid"
required>
    <label for="appdate"><b>Appointment Date</b></label>
    <input type="date" placeholder="Enter date" name="appdate" required><br><br>
    <label for="apptime"><b>Appointment time</b></label>
    <input type="time" placeholder="Enter time" name="apptime" required><br><br>
    <label for="fname"><b>Full Name</b></label>
    <input type="text" placeholder="Please enter your full name" name="fname" required>
    <label for="gender"><b>Gender</b></label><br><br>
    <input type="text" placeholder="Male or female" name="gender" required>
    <br>
<br>
    <label for="date"><b>DOB</b></label>
    <br>
    <br>
    <input type="date" placeholder="Enter DOB" name="dob" required>
    <br>
    <br>
    <label for="add"><b>Address</b></label>
    <input type="text" placeholder="Please enter your address" name="add" required><br>
    <label for="ph"><b>Phone number</b></label>

```

```
<input type="text" placeholder="Enter Phone number" name="ph" required>
<label for="email"><b>E-mail Address</b></label>
  <input type="text" placeholder="Please enter your e-mail address" name="email"
required>
  <br><br>
  <label for="vacc"><b>Please select the vaccine:</b></label>
  <select name="vaccines">
    <option value="bcg">BCG</option>
    <option value="opv">Oral Polo Vaccine(OPV)</option>
    <option value="hep">Hepatitis B</option>

    <option value="opv2">Oral Polo Vaccine(OPV)-2</option>
    <option value="fipv1">fIPV-1*</option>
  <option value="p1">Pentavalent-1</option>
    <option value="opv3">Oral Polo Vaccine(OPV)-3</option>
    <option value="fipv2">fIPV-2*</option>
  <option value="p2">Pentavalent-2</option>
    <option value="p3">Pentavalent-3</option>
  <option value="pt">Pertussis and Tetanus(DPT)-Booster-1</option>
  <option value="opvb">OPV-Booster</option>
  <option value="dpt">DPT-Booster-2</option>
  <option value="tt">tt</option>
  </select>
  <br><br>
  <label for="vc"><b>Vaccination Centre</b></label>
  <select name="vcentre">
    <option value="j">Jayanagar</option>
    <option value="n">Nagasandra</option>
    <option value="y">Yelachenahalli</option>
    <option value="my">Mysore Road</option>
    <option value="r">Rajajinagar</option>
    <option value="mal">Malleshwaram</option>
    <option value="mg">M G Road</option>
    <option value="m">Majestic</option>
    <option value="k">Kormangala</option>
  </select>
  <br><br>
  <a href="mychart.php"> <button type="submit">Submit</button></a>
  <button type="reset" value="Reset">Reset</button>
  <br>
</div>
<div class="container" style="background-color:#f1f1f1">
</div>
</form>
  <script>
```

```

function validateForm()
{
    var x=document.getElementById('id01');
    if(x=="")
    {
        alert("Please enter the data");
        return false;
    }
    else
    {
        alert("Your appointment has been successfully registered!!!");
        return false;
    }
}
</script>
</div>
</body>
</html>

```

### **appinsert.php**

```

<?php
$aid=$_POST['aid'];
$pid=$_POST['pid'];
$appdate = $_POST['appdate'];
$apptime = $_POST['apptime'];
$fname = $_POST['fname'];
$dob = $_POST['dob'];
$ph = $_POST['ph'];
$vaccines = $_POST['vaccines'];
$vcentre = $_POST['vcentre'];
$host = "localhost";
$dbUsername = "root";
$dbPassword = "";
$dbname = "immnisation";
$conn = new mysqli($host,$dbUsername,$dbPassword,$dbname);
if(mysqli_connect_error()) {
    die('Connect Error('. mysqli_connect_errno().')'. mysqli_connect_error());
}
else {
    $SELECT = "SELECT aid from appointment where aid = ? Limit 1";
    $INSERT = "INSERT into appointment values(?,?,?,?,?,?,?,?)";
    $stmt = $conn->prepare($SELECT);
    $stmt->bind_param("i",$aid);

```

```

$stmt->execute();
$stmt->bind_result($aid);
$stmt->store_result();
$num = $stmt->num_rows;
if($num==0) {
    $stmt->close();
    $stmt = $conn->prepare($INSERT);
    $stmt-
>bind_param("iissssssss",$aid,$pid,$appdate,$apptime,$fname,$gender,$dob,$add,$ph,$e
mail,$vaccines,$vcentre);
    $stmt->execute();
    echo "new record inserted successfully";
} else {
    echo "someone already registered";
}
$stmt->close();
$conn->close();
}
?>

```

### appview.php

```

<?php
include_once('db.php');
if(isset($_POST['aid']))
    $a_id = $_POST['aid'];
$res = mysqli_query($conn,"SELECT aid FROM appointment");
?> <!doctype html>
<html>
<head>
<title>view</title>
<style type="text/css">
table {
    border-collapse: collapse;
    width: 100%;
    color: #d96459;
    font-family: monospace;
    font-size: 15px;
    text-align: left;
}
th {
    background-color: #588c7e;
    color: white;
}

```



```
tr:nth-child(even)
{
    background-color: #f2f2f2
}
.button1
{
    background-color: white;
    color: black;
    border: 2px solid #4CAF50;
    padding: 10px;
}
.button1:hover {
    background-color: #4CAF50;
    color: white;
}
</style>
</head>
<body>
    <form action="hldelete.php" method="POST">
    <table>
    <tr>
        <th>Appointment ID</th>
        <th>Patient Id</th>
        <th>Appointment Date</th>
        <th>Appointment Time</th>
        <th>Patient Name</th>
        <th>DOB</th>
        <th>Contact Number</th>
        <th>Vaccine Name</th>
        <th>Vaccination Centre</th>
    </tr>
<?php
    $conn = mysqli_connect("localhost","root","","immnisation");
    if($conn-> connect_error) {
        die("Connection Failed:". $conn-> connect_error);
    }
    $sql = "CALL viewapp()";
    $result = $conn-> query($sql);
    if($result-> num_rows > 0) {
        while($row = $result-> fetch_assoc()) {
            echo "<tr> <td>". $row["aid"] . " </td>
            <td>". $row["pid"] . " </td>
                <td>". $row["appdate"] . " </td>
                <td>". $row["apptime"] . " </td>
                <td>". $row["Name"] . " </td>
```

```

        <td>" . $row["DOB"] . "</td>

        <td>" . $row["PhoneNumber"] . "</td>

        <td>" . $row["vname"] . "</td>
        <td>" . $row["vcname"] . "</td></tr>";
    }
    echo "</table>";
}
else {
    echo "0 result";
}
$conn-> close();
?>
</table>
<br><br>
<center><br><br><input type="submit" value="ADMINISTERED" >
<input type="text" placeholder="Enter Appointment id" name="aid"></center>
</form>
<br><br>
<center><p><br>Click here to go back to doctor's page<br><br><a
href="doctor.php"><button class="button1">Click here</button></a></p></center>
</body>
</html>

```

## h1delete.php

```

<?php
include_once('db.php');
?>
<?php
if(isset($_POST['aid']))
{
    $a_id = $_POST['aid'];
    $sql = "DELETE FROM appointment WHERE aid='$a_id'";
    $res = mysqli_query($conn,$sql) or die("Failed".mysqli_error());
    echo "<meta http-equiv='refresh' content='0;url=appview.php'>";
}
?>

```

## login2.php

```

<?php
    $servername='localhost';
    $username='root';
    $password='';
    $dbname='immnisation';

    $con=mysqli_connect($servername,$username,$password,$dbname);
    $usernm=$_POST['uname'];
    $passwd=$_POST['psw'];
    if(!empty($usernm) || !empty($passwd)){
        $sql="select*      from      doctor      where      username='".$_$usernm.'"      and
password='".$_$passwd.'"limit 1 ";
        $result= mysqli_query($con,$sql);
        $row=mysqli_fetch_array($result);
        if($row['username']==$usernm && $row['password']==$passwd){
            header("Location:doctor.php");
        }
        else{
            echo "invalid";
        }
    }
    else {
        echo "invalid";
    }
?>

```

### loginp.php

```

<?php
    $servername='localhost';
    $username='root';
    $password='';
    $dbname='immnisation';

    $con=mysqli_connect($servername,$username,$password,$dbname);
    $usernm=$_POST['uname'];
    $passwd=$_POST['psw'];
    if(!empty($usernm) || !empty($passwd)){
        $sql="select      *      from      patient      where      username='".$_$usernm.'"      and
password='".$_$passwd.'"limit 1 ";
        $result= mysqli_query($con,$sql);
        $row=mysqli_fetch_array($result);
        if($row['username']==$usernm && $row['password']==$passwd){
            header("Location:patient.php");
        }
    }
}

```

```
        else{
            echo "invalid";
        }
    }
else {
    echo "inavalid";
}
?>
```

### **mychart.php**

```
<html>
<head>
    <title>Immunisation</title>
    <style>
        .a{
            padding-left:35%;
            background-color: bisque;
            font-size: 150%;
        }
        .b{
            padding-left: 2%;
        }
        .c{
            padding-top:2%;
            padding:2px;
            width:50%;
            background-color:limegreen;
            color: white;
            font-style: normal;
            font-size: 100%
        }
        .d{
            padding-top:2%;
            padding:2px;
            width: 50%;
            background-color:orange;
            color: white;
            font-style: normal;
        }
        .e{
            padding-top:2%;
            padding:2px;
            width: 50%;
            background-color:cornflowerblue;
```

```

        color: white;
        font-style: normal;
    }
    .f{
        padding-top:2%;
        padding:2px;
        width: 50%;
        background-color:coral;
        color: white;
        font-style: normal;
    }
    .g{
        padding-top:2%;
        padding:2px;
        width: 50%;
        background-color:violet;
        color: white;
        font-style:normal;
    }
    .h{
        padding-top:2%;
        padding:2px;
        width: 50%;
        background-color:lightseagreen;
        color: white;
        font-style: italic;
    }
</style>
</head>
<body>
    <div class="a">
<centre><h1>
    <div class="back">
        <a style="text-decoration: none;"href="patient.php">&larr;</a>
        IMMUNISATION
    </div></h1> </centre>
    </div>
    <center><div class="b">
        <h2>My Immunisation Schedule</h2>
    </div></center>
    <center><a style="text-decoration: none;"href="bcg.php">
<div class="c">
        <p style="font-size: 20px;">At Birth : BCG</p><br></div></a></center>
    <hr>
    <center><a style="text-decoration: none;"href="opv.php">

```

```

<div class="c">
  <p style="font-size: 20px;">At Birth : Oral Polio
  Vaccine(OPV)</p><br></div></a></center>
  <hr>
  <center> <a style="text-decoration: none;"href="hepatitis%20B.php">
  <div class="c">
    <p style="font-size: 20px;">At Birth : Hepatitis B</p><br></div></a></center>
    <hr>
    <center> <a style="text-decoration: none;"href="opv-1.php">
    <div class="d">
      <p style="font-size: 20px;">6-9 Weeks : Oral Polio Vaccine-
      1</p><br></div></a></center>
      <hr>
      <center><center> <a style="text-decoration: none;"href="pentavalent1.php">
      <div class="d">
        <p style="font-size: 20px;">6-9 Weeks : Pentavalent-1</p><br></div></a></center>
        <hr>
        <center> <a style="text-decoration: none;"href="fIPV-1.php">
        <div class="d">
          <p style="font-size: 20px;">6-9 Weeks : fIPV1*</p><br></div></a> </center>
          <hr>

          <center> <a style="text-decoration: none;"href="opv-2.php">
          <div class="e">
            <p style="font-size: 20px;">9-12 Weeks : Oral Polio Vaccine-
            2</p><br></div></a></center>
            <hr>
            <center><center><center> <a style="text-decoration: none;"href="pentavalent2.php">
            <div class="e">
              <p style="font-size: 20px;">9-12 Weeks : Pentavalent-2</p><br></div></a></center>
              <hr>
              <center><center> <a style="text-decoration: none;"href="opv-3.php">
              <div class="e">
                <p style="font-size: 20px;">9-12 Weeks : Oral Polio Vaccine-
                3(OPV)</p><br></div></a></center>
                <hr>
                <center> <a style="text-decoration: none;"href="pentavalent3.php">
                <div class="e">
                  <p style="font-size: 20px;">9-12 Weeks : Pentavalent-3</p><br></div></a></center>
                  <hr>
                  <center> <a style="text-decoration: none;"href="fIPV-2.php">
                  <div class="e">
                    <p style="font-size: 20px;">9-12 Weeks : fIPV-2</p><br></div></a> </center>
                    <hr>
                    <center> <a style="text-decoration: none;"href="diphtheria.php">

```

```

<div class="f">
  <p style="font-size: 20px;">16-24 Months : Diphtheria</p><br></div></a> </center>
  <hr>
<center>
  <a style="text-decoration: none;"href="pertussis.php">
<div class="f">
  <p style="font-size: 20px;">16-24 Months :Pertussis & Tetanus(DPT)-Booster-1
</p><br></div></a> </center>
  <hr>
  <center>
  <a style="text-decoration: none;"href="opv-b.php">
<div class="f">
  <p style="font-size: 20px;">16-24 Months :OPV-Booster</p><br></div></a> </center>
  <hr> <center>
  <a style="text-decoration: none;"href="DPT-B-2.php">
<div class="g">
  <p style="font-size: 20px;">5-6 Years : DPT-Booster-2</p><br></div></a>
</center><hr>
  <center> <a style="text-decoration: none;"href="TT.php">
  <div class="h"> <p style="font-size: 20px;">10 Years : TT</p><br></div></a> </center>
  <hr>
  </center></center></center></center></body>
</html>

```

## Chapter-6

### TESTING AND SNAPSHOTS

#### 6.1 Test Cases

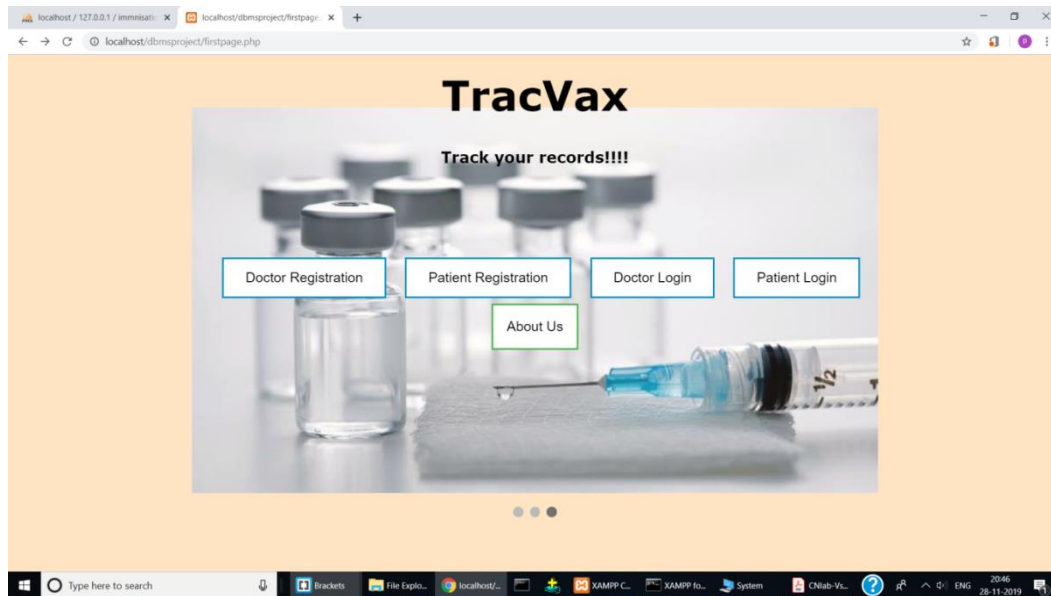
The following are the possible test cases:

TEST CASE DESCRIPTION	TEST CASE	EXPECTED OUTPUT	OBTAINED OUTPUT	RESULT
Email Address	Entered email address contains an @ symbol For example, abc@domain.com	Accepted	Accepted	Pass
Email Address	Entered email address does not contain an @ symbol	Should not accept	Accepted	Fail
Gender	Gender=(Male,Female,Other)	Accepted	Accepted	Pass
Gender	Gender any string other than (Male,Female,Other)	Should not accept	Accepted	Fail
DOB	DOB > Current Date	Should not accept	Accepted	Fail
DOB	DOB<= Current Date	Accepted	Accepted	Pass



## 6.2 Snapshots

### First page



### Doctor Registration

A screenshot of the TracVax Doctor Registration page. The page has a white background. On the left, there is a sidebar with the text "TracVax" and "Track your records!!!!". Below this, there are two buttons: "Click here" and "Login". The main content area is titled "Sign Up!!" and contains a registration form. The form fields include: "Doctor Id" (with a placeholder "Please enter your identification number"), "Full Name" (with a placeholder "Please enter your full name"), "Qualification" (with a placeholder "Please enter your qualification"), "Gender" (with radio buttons for "Male" and "Female"), "DOB" (with a date picker set to "22 Nov 2019"), "Address" (with a placeholder "Please enter your address"), "Phone number" (with a placeholder "Enter Phone number"), "E-mail Address" (with a placeholder "Please enter your e-mail address"), "Username" (with a placeholder "Enter Username"), and "Password" (with a placeholder "Enter Password"). At the bottom of the form are two buttons: "Submit" and "Cancel". The browser's address bar shows the URL "localhost/dbmsproject/docreg.php". The Windows taskbar at the bottom shows various open applications and the system clock indicating 20:46 on 28-11-2019.

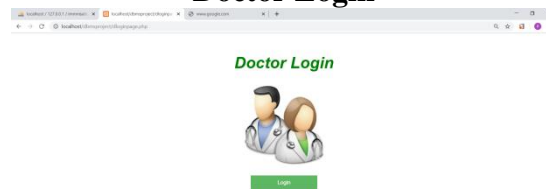
### Registration Successful

THANK YOU FOR REGISTERING!

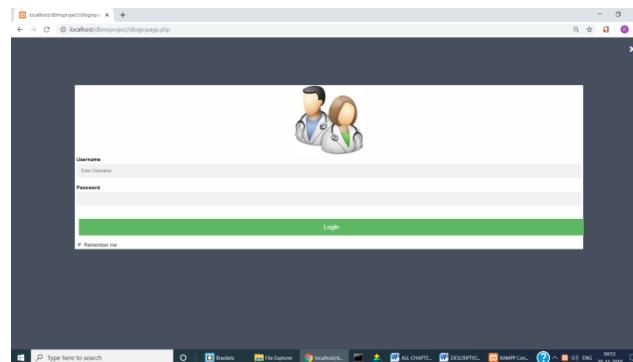


GO TO LOGIN

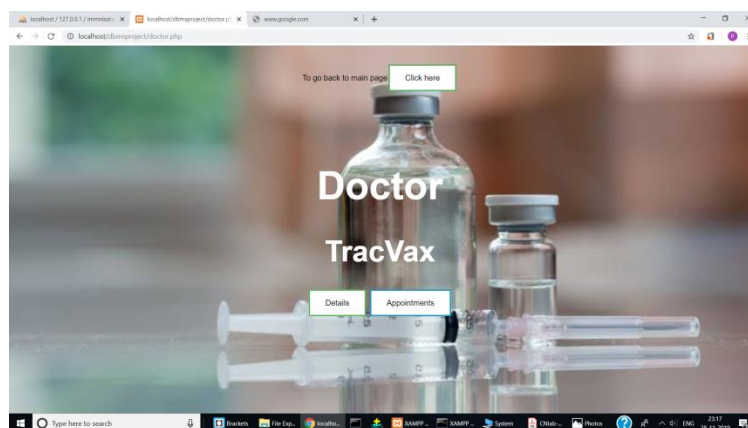
## Doctor Login



## Doctor Login Form



## Doctor's Page



## Doctor Details

Doctor ID	Doctor Name	Qualification	Gender	Phone Number	Email Address	DOB	Address
1	Abhimanyu Gupta	MBBS	m	1967-01-01	Bangalore	9876543321	dbmsd1@gmail.com

Back

## View appointments

Appointment ID	Patient ID	Appointment Date	Appointment Time	Patient Name	DOB	Contact Number	Vaccine Name	Vaccination Centre
1	1	2019-11-13	00:25:00	Siya	2019-11-06	7256673456	bcg	Rajajinagar
2	2	2019-11-13	19:25:00	Ramya	2014-11-25	9658589123	bcg	Malleshwaram
3	3	2019-11-13	08:00:00	Adhithi	2013-12-20	9658589432	dpt	Yelachenahalli
4	4	2019-11-12	07:00:00	Arya	2014-06-11	9658589543	dpt	Nagasandra
5	5	2019-11-13	05:16:00	Anu	2019-11-12	9658589127	bcg	Malleshwaram
6	6	2019-11-30	03:00:00	Reena	2017-03-15	9845643287	cpv-1	Jayanagar

ADMINISTER

[Click here to go back to doctor's page](#)

[Click here](#)

## Patient Registration Form

**TracVax**

Track your records!!!!

To go back to main page  
[Click here](#)

Already registered?  
Then click below to login to your account  
[Login](#)

**New Patient Registration**

Please fill in the form below

**Patient id**

**Name**

**Gender**

**DOB**

**Address**

**Contact Number**

**E-mail Address**


**Height**  **Weight**

**Username**

**Password**

## Patient Login

**Patient Login**



[Login](#)

## Patient Login Form

Username  
Enter Username

Password  
Enter Password

Login

☐ Remember me

## Patient's Page

To go back to main page  
Click here

**Patient TracVax**

Track your records!!!

My Details Book Appointment

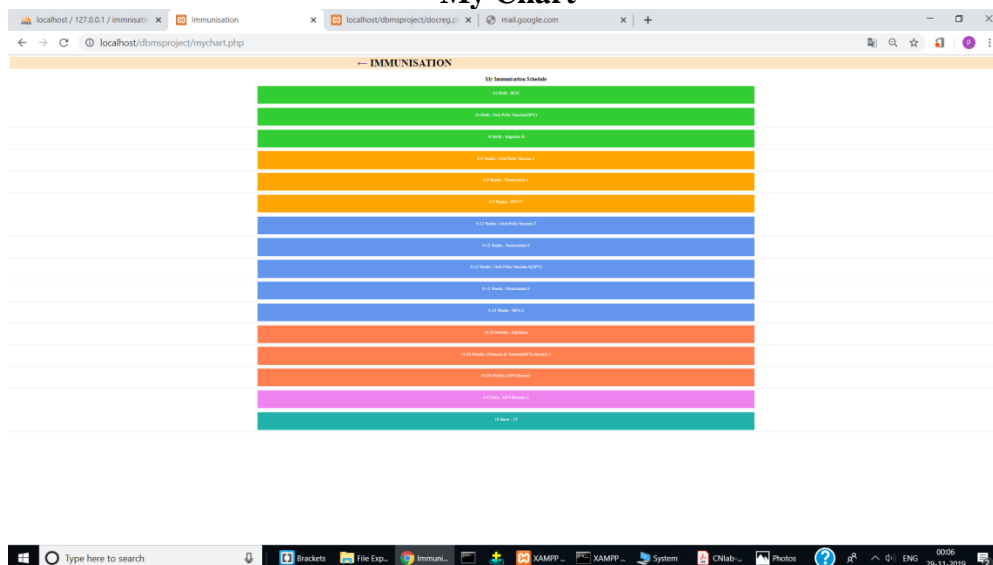
## Patient Details

Patient ID	Patient Name	Gender	DOB	Address	Contact Number	Email Address	Height	Weight
1	Abinav	Male	1999-11-20	Mysore	9876541267	sam@gmail.com	11	34
2	Anay Mehta	Male	2000-11-20	Mumbai	9999999999	dbms1@gmail.com	180	70
3	Amay Mishra	Male	1999-07-18	Delhi	9999999998	dbms2@gmail.com	182	73
4	Adithi Singh	Female	1996-06-06	Bangalore	9999999976	dbms3@gmail.com	175	69

Back

## Book Appointment Form

## My Chart



## Vaccine Details

**Oral Polio Vaccine(OPV) Scheduled At Birth**

**About**

OPV stands for Oral Polio Vaccine. It protects children from polio virus.

**When to give?**

OPV is given at birth called zero-dose and then doses are given at 6, 10, 14 weeks. A booster dose is given at 15-24 months of age.

**Route and Site**

OPV is given orally in the form of two drops.

[Book Appointment](#)


localhost / 127.0.0.1 / immunisation - Pentavalent-1

localhost:8080/project/immunisation - mail.google.com

localhost:8080/project/pentavalent1.php

← Pentavalent-1 Scheduled At 6-9 Weeks

**Pentavalent-1 Scheduled At 6-9 Weeks**



About  
Pentavalent Vaccine is a combined vaccine to protect children from five diseases namely Diphtheria, Tetanus, Pertussis, Haemophilus influenza type b infection and Hepatitis B.

When to give?  
Three doses are given at 6, 10 and 14 weeks of age.

Route and Site  
Pentavalent vaccine is given intramuscularly on anterolateral side of mid thigh of left leg.

Book Appointment


localhost / 127.0.0.1 / immunisation - IPV-2

localhost:8080/project/immunisation - mail.google.com

localhost:8080/project/IPV-2.php

← IPV-2 Scheduled At 9-12 Weeks

**IPV-2 Scheduled At 9-12 Weeks**



About  
IPV stands for Fractional Dactyl and Polio Vaccine. It is used to boost the protection against polio virus.

When to give?  
Two fractional doses of IPV are given intramuscularly at 9 and 14 weeks of age.

Route and Site  
IPV-2 vaccine is given as intramuscular injection at upper arm.

Book Appointment


localhost / 127.0.0.1 / immunisation - Pentavalent-3

localhost:8080/project/immunisation - mail.google.com

localhost:8080/project/pentavalent3.php

← Pentavalent-3 Scheduled At 9-12 Weeks

**Pentavalent-3 Scheduled At 9-12 Weeks**



About  
Pentavalent Vaccine is a combined vaccine to protect children from five diseases namely Diphtheria, Tetanus, Pertussis, Haemophilus influenza type b infection and Hepatitis B.

When to give?  
Three doses are given at 6, 10 and 14 weeks of age.

Route and Site  
Pentavalent vaccine is given intramuscularly on anterolateral side of mid thigh of left leg.

Book Appointment

localhost / 127.0.0.1 / immuni... x opv-3 x localhost:8080/project/immun... x mail.google.com x +

localhost:8080/project/opv-3.php

## ← Oral Polio Vaccine-3(OPV) Scheduled At 9-12 Weeks

Oral Polio Vaccine(OPV)-3 Scheduled At 9-12 Weeks



About

OPV stands for Oral Polio Vaccine. It protects children from polio infection.

When to give?

OPV is given at birth called zero dose and three doses are given at 6,10,14 weeks. A booster dose is given at 16-24 months of age.

Route and Site

OPV is given orally in the form of two drops.

[Book Appointment](#)


Windows Taskbar: Type here to search, File Explorer, Edge, opv-2, KAMP, KAMP, System, CMAB, Photos, 09:10 29-11-2019

localhost / 127.0.0.1 / immuni... x opv-2 x localhost:8080/project/immun... x mail.google.com x +

localhost:8080/project/opv-2.php

## ← OPV-2 Scheduled At 9-12 Weeks

OPV-2 Scheduled At 9-12 Weeks



About

OPV stands for Fractional Dose and Polio Vaccine. It is used to boost the protection against polio infection.

When to give?

Two Fractional doses of OPV are given intramuscularly at 6 and 14 weeks of age.

Route and Site

OPV-2 vaccine is given as intramuscular injection at upper arm.

[Book Appointment](#)


Windows Taskbar: Type here to search, File Explorer, Edge, opv-2, KAMP, KAMP, System, CMAB, Photos, 09:10 29-11-2019

localhost / 127.0.0.1 / immuni... x opv-2 x localhost:8080/project/immun... x mail.google.com x +

localhost:8080/project/opv-2.php

## ← Oral Polio Vaccine(OPV)-2 Scheduled At 9-12 Weeks

Oral Polio Vaccine(OPV)-2 Scheduled At 9-12 Weeks



About

OPV stands for Oral Polio Vaccine. It protects children from polio infection.

When to give?

OPV is given at birth called zero dose and three doses are given at 6,10,14 weeks. A booster dose is given at 16-24 months of age.


Route and Site

OPV is given orally in the form of two drops.

[Book Appointment](#)

← OPV-Booster Scheduled at 16-24 Months

**OPV-Booster Scheduled at 16-24 Months**



**About**  
OPV stands for Oral Polio Vaccine. It protects children from polio/dysentery.


**When to give?**  
OPV is given in both called zero dose and three doses are given at 8,10 and 14 weeks. A booster dose is given at 16-24 months of age.

**Route and Site**  
OPV is given orally in the form of 'be' drops.

[Book Appointment](#)

← Diphtheria Scheduled At 16-24 Months

**Diphtheria Scheduled At 16-24 Months**



**About**  
DPT is a combined vaccine. It protects children from Diphtheria, Tetanus and Pertussis.


**When to give?**  
DPT vaccine is given at 16-24 months of age in called as DPT first booster and second booster called as DPT. DPT booster is given at 1-4 years of age.

**Route and Site**  
DPT first booster is given as intramuscular injection in anterolateral side of right thigh in left leg DPT second booster is given as intramuscular injection in left upper arm.

[Book Appointment](#)

← TT Scheduled At 10 years

**TT Scheduled At 10 years**



**About**  
Tetanus toxoid vaccine is used to provide protection against tetanus.

**When to give?**  
Tetanus toxoid vaccine is given at 10 years and 17 years of age when previous injections of pertussis vaccine and DPT vaccine are given at scheduled age.

**Route and Site**  
TT is given as intramuscular injection in upper arm.

[Book Appointment](#)



## **Chapter-7**

### **APPLICATIONS**

- The Immunisation Management System is designed in keeping in mind the users having minimal computer knowledge, hence it is easy to use.
- Difficulty of maintaining large files with records of all patients visiting the vaccination centre is minimized.
- As the records are stored in computer systems hence data security is attained.
- Easy to update the data whenever necessary.
- Data redundancy can be avoided to some extent.
- Data can be backed up and used for a long period of time.
- This application makes it easier for the patients to book appointments through an online platform, and easier to track patients' vaccination records

## **Chapter-8**

### **CONCLUSION**

It was a wonderful learning experience working on this project where designing took me through various phases of project development and gave me real insight into the world of software engineering. The joy of working and the skill involved while tackling the various problems and challenges gave me a feel of developer's industry.

This project is simulated using the software called XAMPP. The project uses PHP and HTML functions to show the demonstration of IMMUNISATION MANAGEMENT SYSTEM.

Finally I would like to conclude that by using immunisation management system we can help the person managing the data of all the patients in huge piles of physical files by allowing him to use this user friendly software, wherein all the details of the patient such as the patients' personal details ,vaccination reports of the particular patient can be easily managed.

It was due to project that I came to know how professional software's are designed. I enjoyed each and every bit of work in order to complete this project successfully.