



American International University- Bangladesh

CSC 3215: Web Technologies

CO2 and CO4 Evaluation Finished Project Report Spring 2021-22

Project Title: Vaccine Registration and Management System
Section: E

Student Name	Student Id
Md. Asif Anower	18-37992-2
Nafis Sadik	18-38230-2
Shaolin Sakib Oppi	18-38306-2

Vaccine Registration and Management System

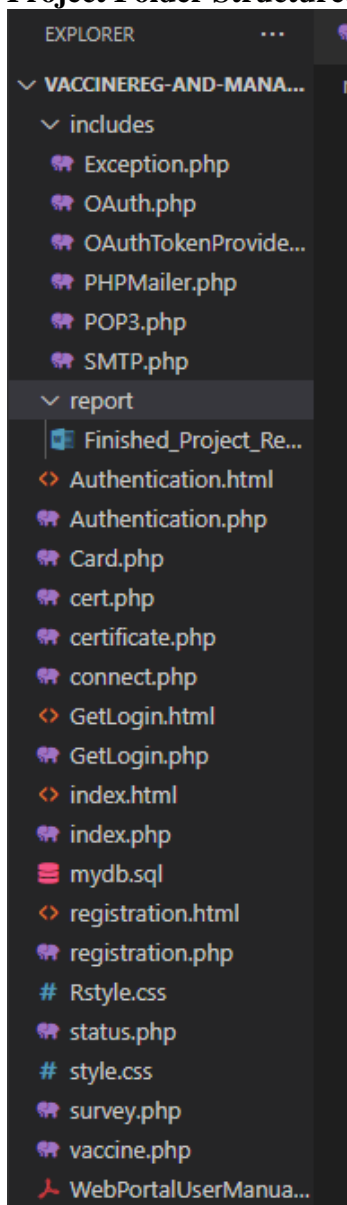
Project Description:

Every government in the world has taken some steps to counteract the Covid-19 outbreak. Bangladesh is not the opposite. Bangladesh, like other countries around the world, is being vaccinated to overcome Covid-19. Bangladesh's government has a new problem in distributing adequate vaccines due to the country's large population.

Furthermore, the Bangladeshi government has proclaimed a national emergency across the country on multiple occasions. As a result, manually registering vaccines would be a huge problem. One of the best and smartest solutions to overcome this challenge is by using a proper vaccine registration web application. Users can use our website to obtain all other vaccines provided by the Government of Bangladesh, in addition to the covid-19 vaccine. Even if users frequently forget the time of their next vaccination, we will send an automated warning SMS/email to the user via our website so that the user can administer his/her scheduled vaccine on time and not miss his/her vaccination date. Users need to provide personal information including their mobile number, NID number, name, age, and address in order to register for vaccines.

This information will assist the government in appropriately distributing vaccination around the country.

Project Folder Structure:



Vaccine Registration and Management System

Core Modules of the Project:

Authentication.php

```
<?php
error_reporting(0);
session_start();
$p=$_SESSION['message'];
$mysqli = new mysqli ('localhost', 'root', '', 'mydb');

if(isset($_POST['Done']))
{
    $code = $_POST['code'];
    $otp = $mysqli->query("select * from `user_information` where
`user_information`.`NIDNO` = $p limit 1");
    $ll = $otp->fetch_assoc();

    if($ll["vkey"]==$code)
    {
        session_start();
        $_SESSION['NID'] = $p;
        header("Location: survey.php");
    }
    else
    {
        {
            die ("Verification Code Didn't matched.");
        }
    }
}
}

?>
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Vaccine Registration and Management System</title>
    <link rel="stylesheet" href="Rstyle.css">
    <script src="https://kit.fontawesome.com/a076d05399.js"></script>
</head>

<body>
    <nav class="navbar">
```



Vaccine Registration and Management System

```
<div class="content">
  <div class="logo">
    <a href="index.php">Vaccine Registration and Management System</a>
  </div>
  <ul class="menu-list">
    <div class="icon cancel-btn">
      <i class="fas fa-times"></i>
    </div>
    <li><a href="index.php">Home</a></li>
    <li><a href="registration.php">Registration</a></li>
    <li><a href="status.php">Registration Status</a></li>
    <li><a href="GetLogin.php">Vaccine card</a></li>
    <li><a href="certificate.php">Vaccine Certificate</a></li>
    <li><a href="Web-Portal-User-Manual.pdf">Manual</a></li>
  </ul>
  <div class="icon menu-btn">
    <i class="fas fa-bars"></i>
  </div>
</div>

<div class="outer">

  <div class="container">

    <div class="card">
      <div class="inner-box" id="card">
        <div class="card-front">
          <div class="custom">
            <form method="POST" action="">
              <p>Enter the Verification Code that was sent to your
email.</p>
              <br>
              <br>
              <input type="number" name="code" class="input-box"
placeholder="Verification Code" required>
              <br>
              <br>
              <input type="submit" value="submit" name="Done"
style="background-color:lime" class="input-box">
            </form>
          </div>
        </div>
      </div>
    </div>
  </div>
  <div class="banner"></div>
```



Vaccine Registration and Management System

```
<div class="about">
  <div class="content">
    <div class="title"></div>
    <li>
      <a
href="https://corona.gov.bd/?gclid=CjwKCAjw9uKIBhA8EiwAYPUS3NT1aqhKIvAlZh0jH0X_KkBCrrE15ZV
10HJw6nRh1WYTeuWjKZ-xTxoCe40QAvD_BwE">Bangladesh Covid 19 Information</a>
    </li>
    <li>
      <a href="https://www.worldometers.info/coronavirus/">World Covid
19 Information</a>
    </li>
  </div>
</nav>

<script>
  const body = document.querySelector("body");
  const navbar = document.querySelector(".navbar");
  const menuBtn = document.querySelector(".menu-btn");
  const cancelBtn = document.querySelector(".cancel-btn");
  menuBtn.onclick = () => {
    navbar.classList.add("show");
    menuBtn.classList.add("hide");
    body.classList.add("disabled");
  }
  cancelBtn.onclick = () => {
    body.classList.remove("disabled");
    navbar.classList.remove("show");
    menuBtn.classList.remove("hide");
  }
  window.onscroll = () => {
    this.scrolly > 20 ? navbar.classList.add("sticky") :
navbar.classList.remove("sticky");
  }
</script>

</body>

</html>
```



Vaccine Registration and Management System

certificate.php

```
<?php
error_reporting(0);

$mysqli = new mysqli ('localhost', 'root', '', 'mydb');

if(isset($_POST['Done']))
{
    $code1=$_POST['code1'];
    $code=$_POST['code'];
    $NID=$_POST['NID'];
    $pass=$_POST['pass'];

    if($code1!="$code")
    {
        die ("Your code is not correct");
    }
    else
    {
        $check = $mysqli->query("SELECT * FROM user_information u
                                JOIN workeraccess w on u.RegistrationNO = w.RegistrationNO
                                WHERE u.NIDNO = $NID");

        $show = $check->fetch_assoc();
        if($show["NIDNO"]==$NID)
        {
            if($show["Password"]==$pass)
            {
                if($show["Dose1"] == 'YES' && $show["Dose2"] == 'YES')
                {
                    session_start();
                    $_SESSION['sql'] = $show["RegistrationNO"];
                    header("Location: cert.php");
                }
                else {
                    die ("YOUR DOSES ARE NOT COMPLETED YET.");
                }
            }
            else {
                die("Your Password is not Correct.");
            }
        }
        else {
```



Vaccine Registration and Management System

```
        die ("YOU ARE NOT REGISTERED.");
    }

}

?>

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Vaccine Registration and Management System</title>
    <link rel="stylesheet" href="Rstyle.css">
    <script src="https://kit.fontawesome.com/a076d05399.js"></script>
</head>

<body>
    <nav class="navbar">
        <div class="content">
            <div class="logo">
                <a href="index.php">Vaccine Registration and Management System</a>
            </div>
            <ul class="menu-list">
                <div class="icon cancel-btn">
                    <i class="fas fa-times"></i>
                </div>
                <li><a href="index.php">Home</a></li>
                <li><a href="registration.php">Registration</a></li>
                <li><a href="status.php">Registration Status</a></li>
                <li><a href="GetLogin.php">Vaccine card</a></li>
                <li><a href="GetLogin.php">Vaccine Certificate</a></li>
                <li><a href="WebPortalUserManual.pdf">Manual</a></li>
            </ul>
            <div class="icon menu-btn">
                <i class="fas fa-bars"></i>
            </div>
        </div>

        <div class="outer">

            <div class="container">

                <div class="card">
                    <div class="inner-box" id="card">
```



Vaccine Registration and Management System

```
<div class="card-front">

    <form method="POST" action="">
        <input type="number" name="NID" class="input-box"
placeholder="Your NID No" required>
        <input type="password" name="pass" class="input-box"
placeholder="Password" required>

        <br><br><br>
        <div class="rand" style=" font-size: 25px; text-align:
center; background:cornsilk; ">

            <?php $Random_code= substr(md5((mt_rand(100,900))),0,5) ;
echo $Random_code; ?> </p><br />
            <h4>Enter the Letters Correctly:</h4>
            <br>
            <input type="text" name="code1" title="random code"
class="input-box" placeholder="Enter the code:"/>

            <input type="hidden" name="code" value="<?php echo
$Random_code; ?>"/>

            </div>
            <br><br><br>

            <input type="submit" value="submit" name="Done"
style="background-color:lime" class="input-box">
        </form>
    </div>
</div>

<div class="banner"></div>
<div class="about">
    <div class="content">
        <div class="title"></div>
        <li>
            <a
href="https://corona.gov.bd/?gclid=CjwKCAjw9uKIBhA8EiwAYPUS3NT1aqhKIvAlZh0jH0X_KkBCrrE15ZV
10HJw6nRh1wYTeuWjKZ-xTxoCe40QAvD_BwE">Bangladesh Covid 19 Information</a>
        </li>
        <li>
            <a href="https://www.worldometers.info/coronavirus/">World Covid 19
Information</a>
        </li>
    </div>
</div>
```



Vaccine Registration and Management System

```
        </div>
    </nav>

    <script>
        const body = document.querySelector("body");
        const navbar = document.querySelector(".navbar");
        const menuBtn = document.querySelector(".menu-btn");
        const cancelBtn = document.querySelector(".cancel-btn");
        menuBtn.onclick = () => {
            navbar.classList.add("show");
            menuBtn.classList.add("hide");
            body.classList.add("disabled");
        }
        cancelBtn.onclick = () => {
            body.classList.remove("disabled");
            navbar.classList.remove("show");
            menuBtn.classList.remove("hide");
        }
        window.onscroll = () => {
            this.scrollY > 20 ? navbar.classList.add("sticky") :
navbar.classList.remove("sticky");
        }
    </script>

</body>

</html>
```



Vaccine Registration and Management System

registration.php

```
<?php
//Include required PHPMailer files
require 'includes/PHPMailer.php';
require 'includes/SMTP.php';
require 'includes/Exception.php';
//Define name spaces
use PHPMailer\PHPMailer\PHPMailer;
use PHPMailer\PHPMailer\SMTP;
use PHPMailer\PHPMailer\Exception;
//Create instance of PHPMailer
$mail = new PHPMailer();
//Set mailer to use smtp
$mail->isSMTP();
//Define smtp host
$mail->Host = "smtp.gmail.com";
//Enable smtp authentication
$mail->SMTPAuth = true;
//Set smtp encryption type (ssl/tls)
$mail->SMTPSecure = "tls";
//Port to connect smtp
$mail->Port = "587";
//Set gmail username
$mail->Username = "example@gmail.com";
//Set gmail password
$mail->Password = "example";
//Email subject
$mail->Subject = "Confirmation code from Vaccine Registration";
//Set sender email
$mail->setFrom("example2@gmail.com");
//Enable HTML
$mail->isHTML(true);

error_reporting(0);

$mysqli = new mysqli ('localhost', 'root', '', 'mydb');

if(isset($_POST['submit']))
{
    $NID = $_POST['NID'];
    $DB = $_POST['DB'];
    $Email = $_POST['Email'];
    $pass = $_POST['pass'];
    $copass = $_POST['CoPass'];
    $type = $_POST['options'];
}
```



Vaccine Registration and Management System

```
$type = $mysqli->real_escape_string($type);
$NID = $mysqli->real_escape_string($NID);
$DB = $mysqli->real_escape_string($DB);
>Email = $mysqli->real_escape_string($Email);
$pass = $mysqli->real_escape_string($pass);

$NIDcheck = $mysqli->query("SELECT * FROM `national_database` where
`national_database`.`NID NO` = $NID limit 1");
$NIDcheck2 = $mysqli->query("SELECT * FROM `user_information` where
`user_information`.`NIDNO` = $NID limit 1");

$check = $NIDcheck->fetch_assoc();
$check2 = $NIDcheck2->fetch_assoc();
$date = $check["Date of Birth"];

if($NIDcheck->num_rows > 0 && !($NID == $check2["NIDNO"]))
{
    if( $date == $DB)
    {
        if($pass != $copass)
        {
            die("Passwords didn't matched.");
        }
        else
        {
            $vkey = rand();
            $insert = $mysqli->query("INSERT INTO `user_information` (`NIDNO`,
`Date of Birth`, `Email`, `vkey`, `Password`, `Type`) VALUES ('$NID', '$DB', '$Email',
'$vkey', '$pass', '$type')");
            $otp = $mysqli->query("select * from `user_information` where
`user_information`.`NIDNO` = $NID limit 1");
            $ll = $otp->fetch_assoc();
            //Email body
            $mail->Body = $ll["vkey"];

            //Add recipient
            $mail->addAddress($Email);
            //Finally send email

            if ( $mail->send() )
            {
                session_start();
                $_SESSION['message'] = $NID;
                header("Location: Authentication.php");
            }
        }
    }
}
```



Vaccine Registration and Management System

```
        else
        {
            $Deleterow = $mysqli->query("Delete from `user_information` where
`user_information`.`NID NO` = '$NID' ");
            if($Deleterow)
            {
                die ("Message could not be sent. Mailer Error:");
            }
        }
    }
}
else
{
    Die("Enter your Date of Birth Correctly.");
}
}
else
{
    die("Please enter your NID number Correctly OR you are already registered.");
}

}

?>

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    <title>Vaccine Registration and Management System</title>
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            </div>
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                <div class="icon cancel-btn">
                    <i class="fas fa-times"></i>
                </div>
            </ul>
        </div>
    </nav>
</body>
</html>
```



Vaccine Registration and Management System

```
</div>
<li><a href="index.php">Home</a></li>
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</ul>
<div class="icon menu-btn">
  <i class="fas fa-bars"></i>
</div>
</div>

<div class="outer">

  <div class="container">

    <div class="card">
      <div class="inner-box" id="card">
        <div class="card-front">

          <br>
          <br>

          <form method="POST" action="">

            <select name="options">
              <option value="AGE: 35 or Above" class="custom">AGE: 35
or Above</option>
              <option value="Government job" class="custom">Government
job</option>
              <option value="Private job" class="custom">Private
job</option>
              <option value="University Student"
class="custom">University Student</option>
              <option value="Infnt" class="custom">Infant</option>
            </select>

            <input type="number" name="NID" class="input-box"
placeholder="Your NID No" required>
            <input type="date" name="DB" class="input-box"
placeholder="Date of Birt" required>
            <input type="Email" name="Email" class="input-box"
placeholder="Your Email ID" required>
            <input type="password" name="pass" class="input-box"
minlength="4" maxlength="10" placeholder="Password" required>
```



Vaccine Registration and Management System

```

        <input type="password" name="CoPass" class="input-box"
placeholder="Confirm Password" required>
        <br>
        <br>
        <input type="submit" value="Register" name="submit"
style="background-color:lime" class="input-box" >
        </form>

    </div>
</div>
</div>

</div>
<div class="banner"></div>
<div class="about">
    <div class="content">
        <div class="title"></div>
        <li>
            <a
href="https://corona.gov.bd/?gclid=CjwKCAjw9uKIBhA8EiwAYPUS3NT1aqhKIvAlZh0jH0X_KkBCrrE15ZV
10HJw6nRh1WYTeuWjKZ-xTxoCe40QAvD_BwE">Bangladesh Covid 19 Information</a>
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Information</a>
        </li>
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</nav>

<script>
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    const navbar = document.querySelector(".navbar");
    const menuBtn = document.querySelector(".menu-btn");
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        navbar.classList.add("show");
        menuBtn.classList.add("hide");
        body.classList.add("disabled");
    }
    cancelBtn.onclick = () => {
        body.classList.remove("disabled");
        navbar.classList.remove("show");
        menuBtn.classList.remove("hide");
    }
</script>

```



Vaccine Registration and Management System

```
    window.onscroll = () => {  
        this.scrolly > 20 ? navbar.classList.add("sticky") :  
        navbar.classList.remove("sticky");  
    }  
</script>  
  
</body>  
  
</html>
```

