**FINAL CODE**

**USING IBM SERVICES**

**NODE RED CODE 1:**

```
var d= new Date();

var utc = d.getTime() + (d.getTimezoneOffset()*60000);

var offset 5.5; var newDate = new Date(utc+(3608808*offset));

var n= newDate.toIsoString()

var date = n.slice(e,10);

var time = n.slice(11,16); global.set('time', time);

msg.payload date+""+time;

return msg;
```

**NODE RED CODE 2:**

```
var d= msg.payload.date;

var t= msg.payload.time;  msg.payload=

{

"Medicine : ": msg.payload.medicine,

"Date: ":d,

"Time :": t

}

return msg;
```

**USING OPEN SOURCE RESOURCES**

**SPRINT 1**

**START.HTML**

```
<!DOCTYPE html>

<html>
```

```html
<head>
    <title>StartPage</title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
    <form action="loginaction.php" method="post" autocomplete="on">
        <h2>Login page</h2>
        <label for="email">Email:</label>
        <input type="email" id="email" name="email"><br>
        <label for="password">Password:</label>
        <input type="password" id="password" name="password"><br>
        <input type="submit" value="Login">
        <button type="submit" formaction="register.html">Register</button>
    </form>
    </body>
</html>
```

**LOGINACTION.PHP**

```php
<?php
    include('connection.php');
    $email = $_POST['email'];

    $password = $_POST['password'];

    $exists="SELECT * FROM login WHERE email='$email'";
    $result1=mysqli_query($con,$exists);
```

```php
    $count1 = mysqli_num_rows($result1);
    if(!$count1)
    {
                echo '<script>alert("Username does not exits...Register to Continue...");location="start.html"</script>';
    }
    else{
            $sql = "SELECT * FROM login WHERE email='$email' AND password='$password' limit 1";

        $result = mysqli_query($con, $sql);

        $count = mysqli_num_rows($result);

        if($count >= 1){
            $_SESSION['email'] = $email;
            echo 'Welcome, '.$_SESSION['email'];
            header('location:home.php');
        }
        else{
                    echo '<script>alert("Username and Password does not matches...");location="start.html"</script>';
        }
    }
?>
```

**STYLE.CSS**

```css
body {
    display: flex;
    justify-content: center;
    align-items: center;
    height: 95vh;
    flex-direction: column;
}

h2 {
    text-align: center;
}

*{
    font-family: monospace;
    box-sizing: padding-box;
}
form {
    width: 28%;
    border: 2px solid black;
    padding: 3%;
    background: white;
    border-radius: 2px;
}
input,button {
    display: block;
```

```css
    border: 1px solid black;

    width: 80%;

    padding: 7px;

    margin: 7px auto;

}
label {

    color: black;

    font-size: 18px;

    padding: 10px;

}
button:hover{

    opacity: .10;

}
```

**REGISTER.HTML**

```html
<!DOCTYPE html>

<html>

    <head>

        <title>RegisterPage</title>

        <link rel="stylesheet" type="text/css" href="style.css">

    </head>

<body>

    <form action="registeraction.php" method="post" autocomplete="on">

        <h2>Register page</h2>

        <label for="email">Email:</label>

        <input type="email" id="email" name="email"><br>

        <label for="password">Enter Password:</label>

        <input type="password" id="password" name="password"><br>
```

```html
        <label for="repassword">Re-enter Password:</label>
        <input type="repassword" id="repassword" name="repassword"><br>
        <input type="submit" value="Register">
        <button type="submit" formaction="start.html">Login</button>
    </form>
    </body>
</html>
```

## REGISTERACTION.PHP

```php
<?php
    include('connection.php');
    $email = $_POST['email'];
    $password = $_POST['password'];
    $repassword=$_POST['repassword'];

    if(!$email || !$password || !$repassword)
    {
                    echo        '<script>alert("Any    of    the    fields    were
empty...");location="register.html"</script>';
    }
    else
    {
        $exists="SELECT * FROM login WHERE email='$email'";
    $result1=mysqli_query($con,$exists);
    $count1 = mysqli_num_rows($result1);
    if($count1)
```

```php
{
                echo    '<script>alert("Username    already    exits...Login    to
Continue...");location="start.html"</script>';
    }
    else{
        if($password===$repassword)
    {
        $username=substr($email, 0, strpos($email, '@'));


                $sql    =    "INSERT    INTO    login(email,password)    VALUES
('$email','$password')";
            $createtable="CREATE   TABLE   $username (Medicine   varchar(30),   Dose
varchar(10),Time time)";
        #$result = mysqli_query($con, $sql);


        if( mysqli_query($con,$createtable)&&mysqli_query($con, $sql))
        {
            echo "New record created...";
            $_SESSION['email'] = $email;
            echo 'Welcome, '.$_SESSION['email'];
            header('location:home.php');
        }
        else
        {
            echo "Error: ".$sql."<br>".$con->error;
        }
    }
```

```php
else{

    #header('location:register.html');

                echo     '<script>alert("Both    Password    does    not
matches...");location="register.html"</script>';

    }

    }

    }
?>
```

## LOGOUT.PHP

```php
<?php
    if (!isset($_SESSION))
    {
        session_start();
    }
    $_SESSION = array();
    session_destroy();
    header("Location: start.html");
    exit();
?>
```

## SPRINT 2

## HOME.PHP

```html
<html>
    <head>
    <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
    <style >
        table {
```

```css
            border-spacing: 30px;
            width: 100%;
            align:center;
            border: 1px solid black;
        }
        table, th, td {
            padding: 5px;
            align:center;
}
button {float:center;}
a{float:center;}
th {
  text-align: center
}
td{
    text-align: center
}
        article {
            float: center;
            padding: 20px;
            width: 60%;
            height: 800px;
            }
            nav {
            float: center;
            text-align:left;
            width: 100%;
```

```
        height: 270px;
        background:rgb(247, 242, 242) ;
        padding: 20px;
        }
}
</
    </style>
    </head>
    <body>
    <header>
    <h1>
    <?php
        include('connection.php');
        #echo "<h1> Home Page.</h1>";
        echo 'Welcome, '.$_SESSION['email'];
    ?>
    </h1>
   </header>
  <section>
 <ahref="app_medicinedisplay2.php"
float:right><button>AlertPage</button></a><br>
    <nav>
    <ul>
    <h1 text-align:center>Add Medicine data</h1>
            <a     href="addmedicine.html"><button>Add     New     Medicine
Data</button></a><br>
    <h1 text-align:center>Delete Medicine data</h1>
```

```
<form action="deletemedicine.php" method="Post">
    <label for="deleteMedicineName">Enter Medicine Name:</label>
    <input type="text" id="deleteMedicineName" name="deleteMedicineName">
<br>
    <label for="time">Time:</label>
    <input type="time" id="time" name="time">
    <input type="submit" value="Delete Medicine Data">
  </form>
  <a href="logout.php" float:right><button>Logout</button></a><br>

  </ul>
</nav>
<article>
<table>
<tr text-align:center>
  <th>Medicine</th>
  <th>Dose</th>
  <th>Time</th>
</tr>
<?php
$email=$_SESSION['email'];
$username=substr($email, 0, strpos($email, '@'));
$sql="SELECT * FROM $username order by time";
$result = mysqli_query($con, $sql);

foreach($result as $data)
```

```php
    {
      echo "<tr text-align:center>
      <td>$data[Medicine]</td>
      <td>$data[Dose]</td>
      <td>$data[Time]</td>
      </tr>";
    }
  ?>


</table>
</article>
</section>
</body>
</html>
```

## CONNECTION.PHP

```php
<?php
    session_start();
    $host = "localhost";
    $user = "root";
    $password = ";
    $db_name = "database";

    $con = mysqli_connect($host, $user, $password, $db_name);
    if(mysqli_connect_errno()) {
        die("Failed to connect with MySQL: ". mysqli_connect_error());
    }
```

?>

**MEDICINEADD.PHP**

```php
<?php
    include('connection.php');


    $medicine = $_POST['medicine'];
    $dose = $_POST['dose'];
    $time=$_POST['time'];


    if(!$medicine || !$dose || !$time)
    {
                echo    '<script>alert("Any    of    the    three    fields    were
empty..");location="addmedicine.html"</script>';
    }
    else{
        $email=$_SESSION['email'];
    $username=substr($email, 0, strpos($email, '@'));


        $sql    =    "INSERT    INTO    $username(Medicine,Dose,Time)    VALUES
('$medicine','$dose','$time')";
        #$result = mysqli_query($con, $sql);
        if(mysqli_query($con, $sql)){
                            echo    '<script>alert("New    Medicine    Data
Inserted...");location="addmedicine.html"</script>';
        }
        else
        {
```

```php
            echo "Error: ".$sql."<br>".$con->error;
    }
  }
?>
```

**DELETEMEDICINE.PHP**

```php
<?php
  include('connection.php');

  $deletemedicine = $_POST['deleteMedicineName'];
  $time=$_POST['time'];

  if(!$deletemedicine||!$time)
  {
            echo '<script>alert("Entered fields for deletion were
empty...");location="home.php"</script>';
  }
  else{
    $email=$_SESSION['email'];
  $username=substr($email, 0, strpos($email, '@'));

   $sql = "DELETE FROM $username WHERE medicine='$deletemedicine' and
time='$time'";

    #$result = mysqli_query($con, $sql);

    if(mysqli_query($con, $sql))
```

```php
        {
                        echo '<script>alert("Medicine Data
Deleted...");location="home.php"</script>';
        }
    else
    {
        echo '<script>alert("No data found...");location="home.php"</script>';
    }
  }
?>
```

## APP_MEDICINEDISPLAY2.PHP

```html
<html>
    <head>
    <title>ALertPage</title>
    <style>
h1 {text-align: center;font-size:30px;}
body {text-align: center; font-size:20px;}
button{float:center;}
a{float:center;}
table, th, td {
        padding: 5px;
        align:center;
}
th {
 text-align: center
}
```

```php
td{    text-align: center }
</style>
</head>
  <body>
  <header>
  <h1> <?php
    include('connection.php');
    #echo "<h1> Home Page.</h1>";
    echo 'Welcome, '.$_SESSION['email']; ?>
  </h1>
  <a href="home.php" ><button >Back to home</button></a><br>
 </header>
  <h1>Medicines to be taken within and after 30 Minutes(from now):</h1>
    <?php
   $email=$_SESSION['email'];
   $username=substr($email, 0, strpos($email, '@'));
    $sql="SELECT * FROM $username where time < NOW() + INTERVAL 30
minute and time > NOW() - INTERVAL 30 minute";
   $result = mysqli_query($con, $sql);
   foreach($result as $data){
    echo '<script> alert("-----It is time to take your medicine-----");</script>';
     echo "<tr>
     <td>$data[Medicine]</td><br>
     </tr>";
   }?>
</body>
</html>
```