

PROJECT DEVELOPMENT PHASE

SPRINT 2

Team ID	PNT2022TMID12069
Project Title	Project – Signs with Smart Connectivity for Better Road Safety

PROGRAM CODE :

1.Login.php

```
<?php
$pass=$_POST['password'];
$username=$_POST['username'];
$dbc = mysqli_connect('mysql.hostinger.in', 'u684030433_root', 'fastrack',
'u684030433_blood')or
die("error connecting database");
$query = "SELECT username,name FROM user_info WHERE ((username =
'$username' OR email='$username' )AND password ='$pass')";
    $data =
    mysqli_query($dbc,
    $query);if
    (mysqli_num_rows($data)
    == 1) {
$name=array();
while($row=mysqli_fetch_array($data))
{
$name[]=$row['name'];
}
print json_encode($name);
}
else
{
```

```

echo "Wrong";
}

mysqli_close($dbc);
?>

```

1. Safety.php

```

<?php
$lat1="";
$lat2="";
$lng1="";
$lng2="";

function distance($lat1, $lng1, $lat2, $lng2) {
    $theta = $lng1 - $lng2;
    $dist = sin(deg2rad($lat1)) * sin(deg2rad($lat2)) + cos(deg2rad($lat1)) *
cos(deg2rad($lat2)) * cos(deg2rad($theta));
    $dist = acos($dist);
    $dist = rad2deg($dist);
    $miles = $dist * 60 *
    1.1515; return ($miles *
    1.609344*1000);
}

if($_GET['username'])
{
$username=$_GET['username'];
$lat1=(double)$_GET['lat'];
$lng1=(double)$_GET['lng'];
$dbc = mysqli_connect('localhost', 'root', '', 'roadsafety');

// Retrieve the score data from MySQL
$query = "UPDATE user_info SET lat='$lat1',lng='$lng1' WHERE (username =
$username)";mysqli_query($dbc, $query)
    or die('Error querying database.');
```

```

$query = "SELECT lat,lng FROM user_info WHERE username='$username'";
$data = mysqli_query($dbc, $query);

while ($row = mysqli_fetch_array($data)) {
    $lat1= $row['lat'];
    $lng1= $row['lng'];
}
$query1 = "SELECT * FROM details";
$result = mysqli_query($dbc, $query1);
$i=0;
$data1=array();
while ($row = mysqli_fetch_array($result, MYSQL_ASSOC)) {
    $lat2= $row['lat'];
    $lng2= $row['lng'];

    $dist=distance($lat1, $lng1, $lat2,
    $lng2);if( $dist<=990)
    {
        $data1[] = $row;
        $data1[$i]['metres']=$dist;
        $i++;
    }
}
echo
    json_encode($data1);
    mysqli_close($dbc
    );
}
?>

```

2. signin.php

```

<?php
$email= $_POST['email'];
$pass=$_POST['password'];
$name=$_POST['name'];
$username=$_POST['username'];

```

```
$pno=(double)$_POST['pno'];
$bloodgroup=$_POST['bloodgroup'];
$dbc = mysqli_connect('mysql.hostinger.in', 'u684030433_root', 'fastrack',
'u684030433_blood')or
die("error connecting database");
$query = "SELECT * FROM user_info WHERE (username = '$username' OR
email='$email'OR pno='$pno')";
    $data = mysqli_query($dbc,
    $query);if
    (mysqli_num_rows($data) ==
    0) {
$query = "INSERT INTO user_info
(username,password,email,pno,bloodgroup,name)VALUES ('$username',
'$pass', '$email', '$pno', '$bloodgroup', '$name')"; mysqli_query($dbc,
$query)
    or die('Error querying
    database. '); echo 'User
    Signed Up successfully!!.';
}
else
{
echo "Account already exists for this credentials...";
}
    mysqli_close($dbc);
?>
```