# Sprint -2

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| Date | 07 November 2022 |
| Team ID | PNT2022TMID00922 |
| Project Name | Project – Signs with Smart Connectivity for Better Road Safety |

* Login codes
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# Code

1. Login

<?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);

?>

## SAFETY introduction

<?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);

}

?>

1. **Signin codes**

<?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);

?>

## 4 build.gradle

def localProperties = new Properties()

def localPropertiesFile = rootProject.file('local.properties') if (localPropertiesFile.exists()) {

localPropertiesFile.withReader('UTF-8') { reader -> localProperties.load(reader)

}

}

def flutterRoot = localProperties.getProperty('flutter.sdk') if (flutterRoot == null) {

throw new GradleException("Flutter SDK not found. Define location with flutter.sdk in the local.properties file.")

}

def flutterVersionCode = localProperties.getProperty('flutter.versionCode') if (flutterVersionCode == null) {

flutterVersionCode = '1'

}

def flutterVersionName = localProperties.getProperty('flutter.versionName') if (flutterVersionName == null) {

flutterVersionName = '1.0'

}

apply plugin: 'com.android.application'

apply plugin: 'com.google.gms.google-services' apply plugin: 'kotlin-android'

apply from: "$flutterRoot/packages/flutter\_tools/gradle/flutter.gradle"

android { compileSdkVersion 28

sourceSets {

main.java.srcDirs += 'src/main/kotlin'

}

lintOptions {

disable 'InvalidPackage'

}

defaultConfig {

// TODO: Specify your own unique Application ID (https://developer.android.com/studio/build/application-id.html).

applicationId "com.example.roads" minSdkVersion 18

targetSdkVersion 28 multiDexEnabled true

versionCode flutterVersionCode.toInteger() versionName flutterVersionName

buildConfigField 'String', 'WONDERPUSH\_CLIENT\_ID', '"1dfce26a84bd50a2b2117ae3a65df6f3d08821cb"'

buildConfigField 'String', 'WONDERPUSH\_CLIENT\_SECRET', '"d490ca2368fb19536c8e5afc370d18e9002a5034bf14e13e4b4a9228dd39c5a0"'

buildConfigField 'String', 'WONDERPUSH\_SENDER\_ID', '"1098204096327"'

}

buildTypes { release {

// TODO: Add your own signing config for the release build.

// Signing with the debug keys for now, so `flutter run --release` works. signingConfig signingConfigs.debug

}

}

}

flutter {

source '../..'

}

dependencies {

implementation "org.jetbrains.kotlin:kotlin-stdlib-jdk7:$kotlin\_version" implementation platform('com.google.firebase:firebase-bom:26.1.0') implementation 'com.google.firebase:firebase-analytics'

def multidex\_version = "2.0.1"

implementation 'androidx.multidex:multidex:$multidex\_version'

}