Sprint -2

Date	23 November 2022
Team ID	PNT2022TMID29355
Project Name	Project – Signs with Smart Connectivity for Better Road Safety

- Login codes

- Safety Introduction code

- Sign in codes

- build.gradle

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";
```

```php
}
  mysqli_close($dbc);

?>
```

2. SAFETY INTRODUCTION

```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);
```

```php
$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);


}
?>
```

3. Sign in codes

```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);
?>
```

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'
}
```