**Documentation**

**What we are doing in this project: -** In this project we would going to create an android application which would consist the real time app to server record updating feature, Means all the data is send directly through app to MySQL database server.

**Main Features in this project:**

1. Send User Registration data to online MySQL database.
2. Show all the Church record on screen inside a dynamic custom ListView arrived from server.
3. Implementing setOnItemClickListener() on ListView to get selected Item from ListView.
4. Sending the selected item to next activity using intent.
5. Display the selected Church record on activity directly from server.
6. Delete the only selected already open record and also delete the record on server.
7. Edit – Update the selected record online.
8. Find users current position that means find the current longitude and latitude

**Features in this application project:-**

1. User Registration.
2. User Login.
3. Church Registration.
4. Show all registered Church record.
5. Open selected Church record.
6. Delete selected Church record.
7. Edit Selected Church record.

**Project File Structure:**

**List of Activities files in this project:-**

1. MainActivity.java
2. ShowAllChurchesActivity.java
3. ShowSingleRecordActivity.java
4. UpdateActivity.java
5. RegisterActivity.java
6. LoginActivity.java

**List of JAVA files in this project:-**

1. HttpParse.java
2. HttpServicesClass.java
3. ListAdapterClass.java
4. Church.java
5. RegisterRequest.java
6. LoginRequest.java

**List of layout files in this project:-**

1. activity\_main.xml
2. activity\_show\_all\_church.xml
3. activity\_show\_single\_record.xml
4. activity\_update.xml
5. listview\_item.xml
6. activity\_church.xml
7. activity\_login.xml
8. activity\_register.xml

and for navigation bar lay out

1. nav\_header\_main.xml
2. content\_main.xml
3. admin\_home.xml
4. app\_bar\_main.xml

**List of All PHP Files in this project:-**

1. DatabaseConfig.php
2. Connection.php
3. AllChurchData.php
4. ChurchRegister.php
5. FilterChurchData.php
6. UpdateChurch.php
7. DeleteChurch.php
8. Login.php
9. Rtest.php

**Create and upload PHP files to perform various operations:**

Note – place the php files on the server or if you are using on the localhost put the php file on the local disc C/Xamp/htdocs then create new folder named CRUD.

There are 9 different type of PHP files present in this project and each file has its own work to do.

1. DatabaseConfig.php:- This files holds server configuration like server hostname, server password, server username and server database name.
2. and connection.php :- This files holds server configuration like server hostname, server password, server username and server database name
3. AllChurchData.php :- This files parse all the Church table records into JSON.
4. ChurchRegister.php :- This file receive the Church registration details coming from android application and insert into MySQL database.
5. FilterChurchData.php :- This file would filter the Church data with SQL query and return the result as JSON from.
6. UpdateChurch.php :- This file receive the Church edited record and replace them with previous records.
7. DeleteChurch.php :- This file would delete the selected Church record with Church ID.
8. Login.php:- This file receive the User registration details coming from android application and login into MySQL database by selecting the email and password from registered User.
9. Rtest.php:- This file receive the User registration details coming from android application and insert into MySQL database.

Note=>

1. Inside the **android** scope put **useLibrary ‘org.apache.http.legacy’**

**2. And also add volley library = compile ‘com.android.volly:volly:1.1.0’**

**3.** Open your project’s AndroidManifest.xml file and add internet permission inside it

<uses-permission android:name="android.permission.INTERNET" />

4. And also add this two permissions on AndroidManifest.xml file to get current position

<uses-permission android:name="android.permission.ACCESS\_FINE\_LOCATION" />

<uses-permission android:name="android.permission.ACCESS\_COARSE\_LOCATION" />