Please follow the following steps to get the working App.

Requirements:

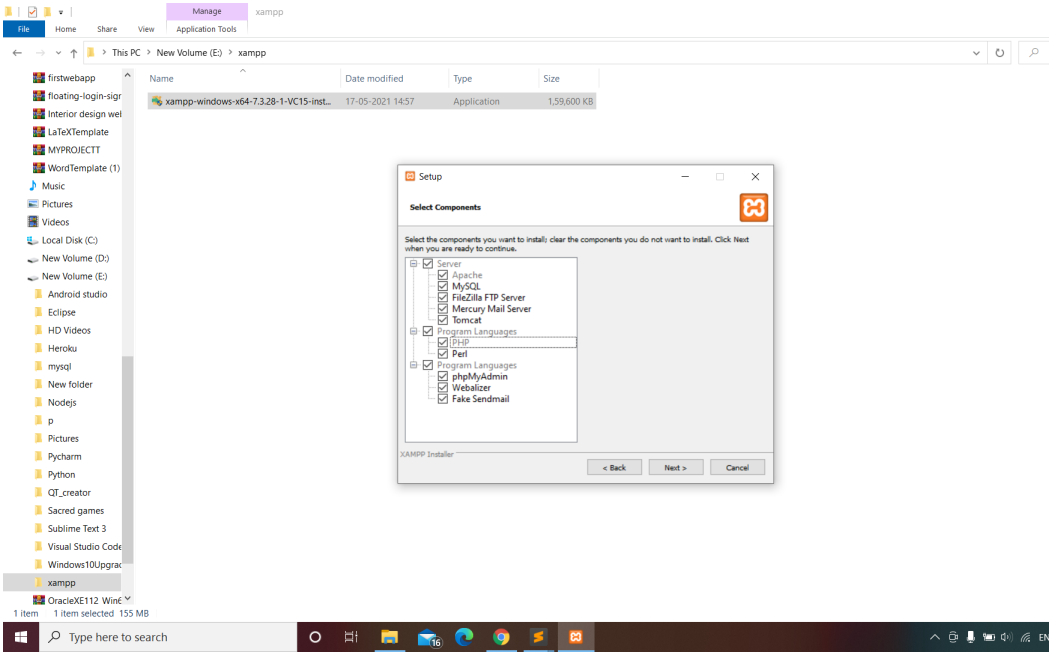
- Android Studio (version 4.2 or more).
- Xampp Server.
- Android Smartphone (Android version 5 or more).

1) **Go to this link ->** https://drive.google.com/drive/folders/1tcYPCUILz_LfaZCa2Q3cx_68IDjvO9zA?usp=sharing . (There you will see all the necessary files).

2) **Setting Up the XAMPP Server:**

Download the XAMPP server from this link -> https://www.apachefriends.org/download.html

Install the XAMPP server. Here it will ask you to install the required components. Select all the modules.

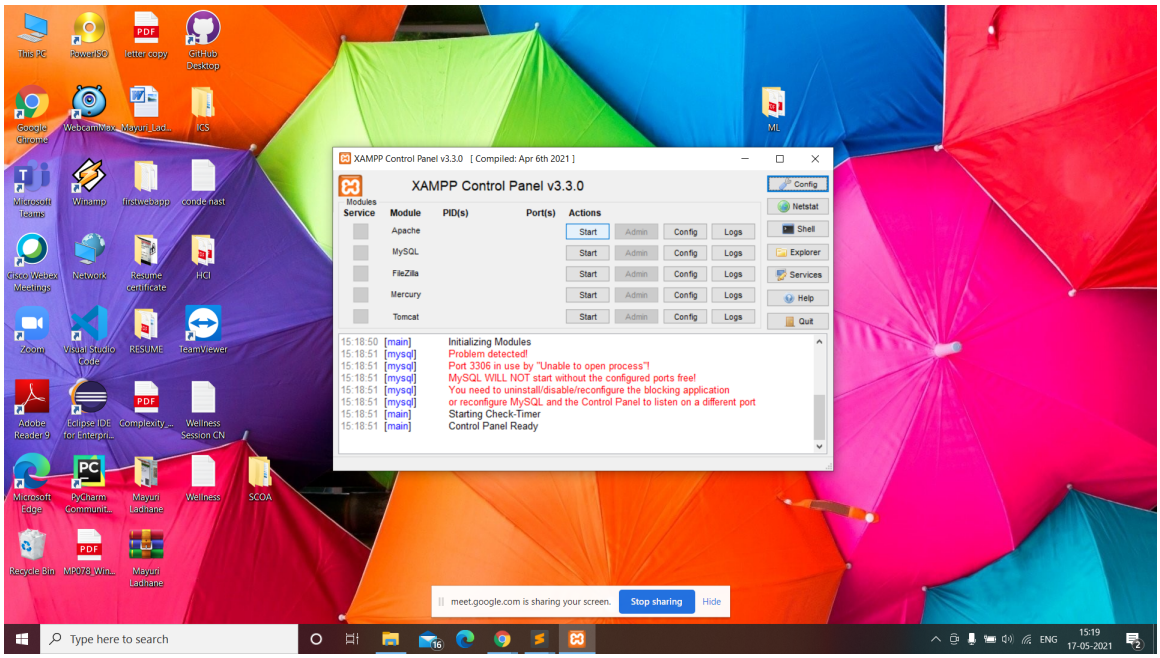


Go to the location where you have installed xampp. Open it and then open the htdocs folder.

Download the complete enotice folder (created by us only) from this link -> https://drive.google.com/drive/folders/1tpR9p7AY9VHUZ514GljaTlgKbdLX4yPC?usp=sharing . Copy that enotice folder and paste it there (in htdocs folder).

Now search the XAMPP Control Panel in your device and open it. (You will see the XAMPP Control Panel open in front of you).

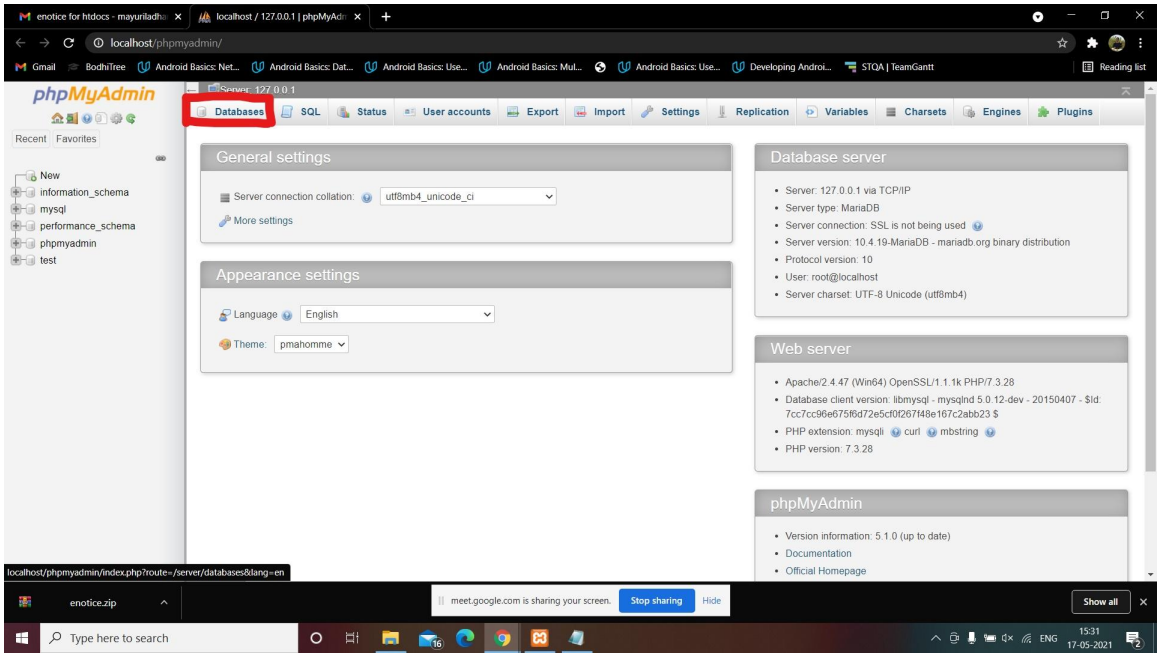
Now click on the Start button which is in the same row of Apache (it will start our server).



Now click on the Start button which is in the same row of MySQL. (It will require 3306 port to run, but if some service is already running on that port then it will not start, so first of all stop the service running on 3306 port if any).

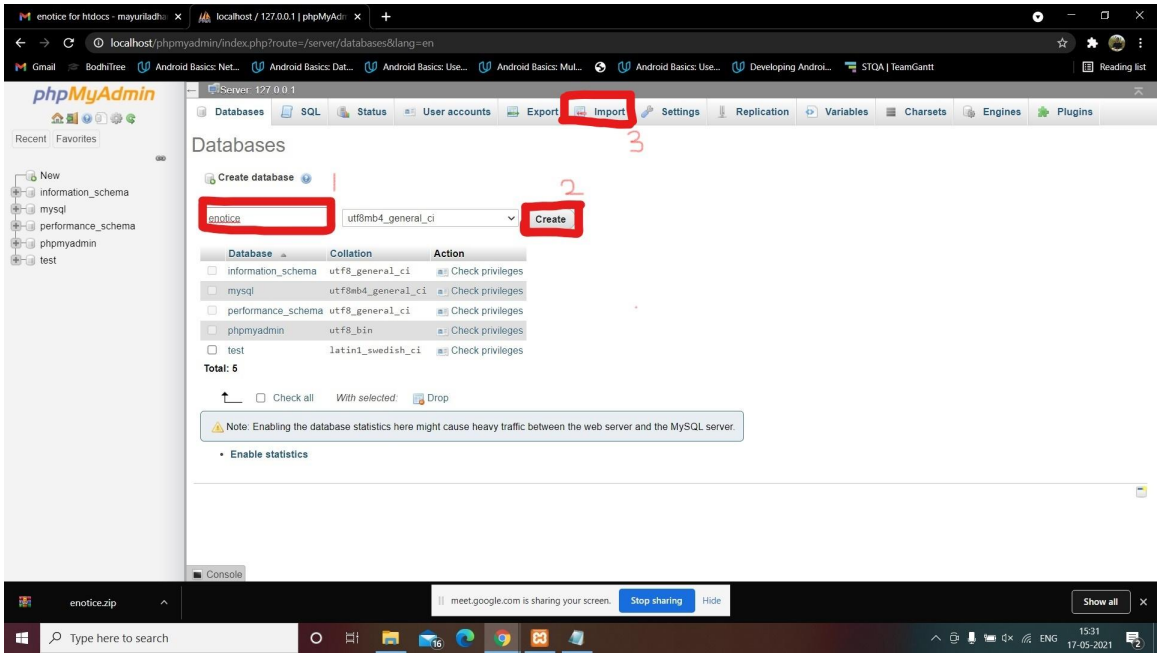
Now click on the Admin button in front of MySQL. It will open in your browser.

Now click on the Databases button in the top left corner.



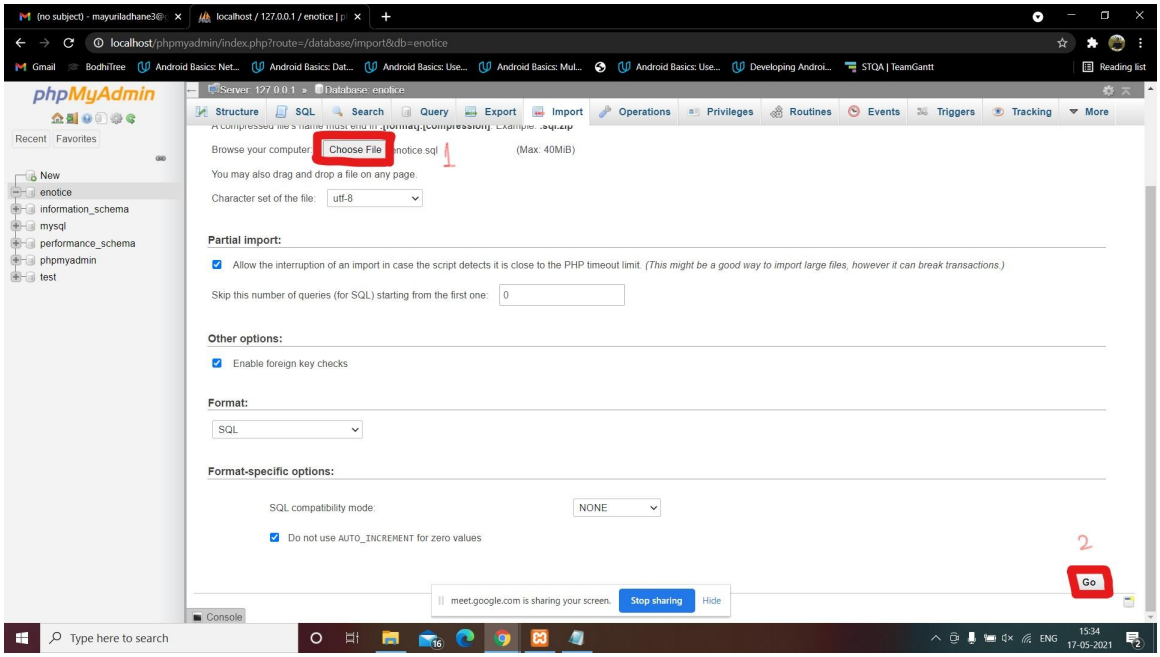
Under Create database, add Database name as enotice and then click on the Create button. It will create the new database with the name enotice and immediately open it).

Now click on the Import button from the top.

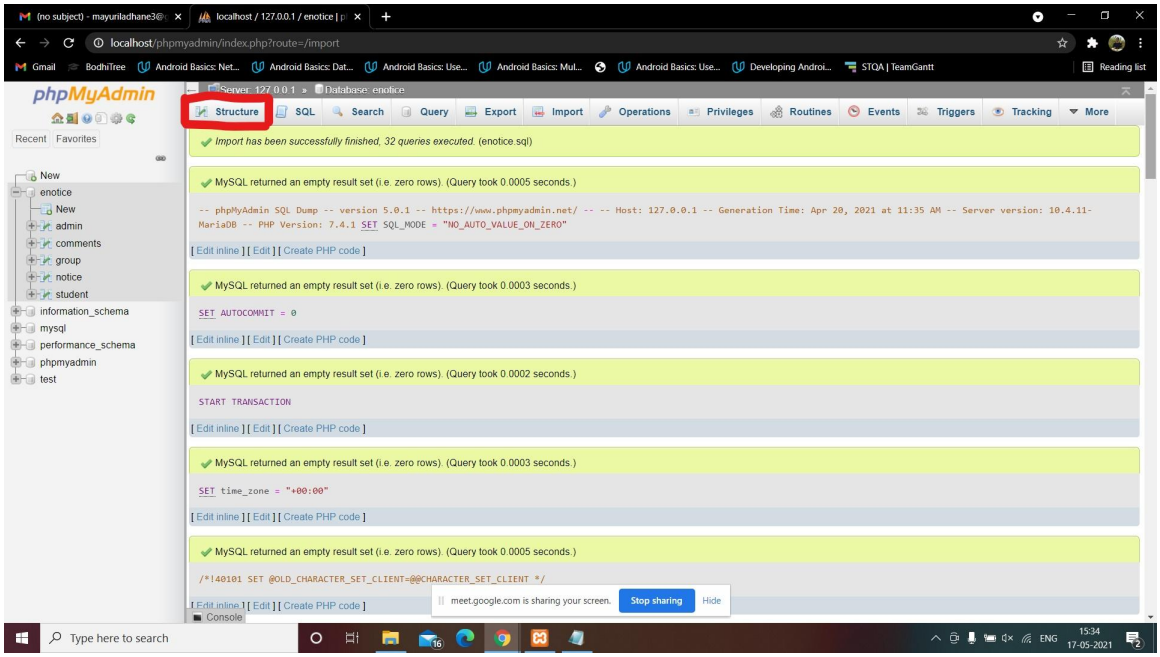


Download the enotice.sql (created by us only) file from this link -> https://drive.google.com/file/d/1L1eYOUsoU4LwMzr-SJBu9Ho-_M5WyZl4/view?usp=sharing .

Click on the Choose file and open the downloaded enotice.sql file. Click on the Go button in the bottom right corner. (It will execute all the SQL queries written in the enotice.sql file).



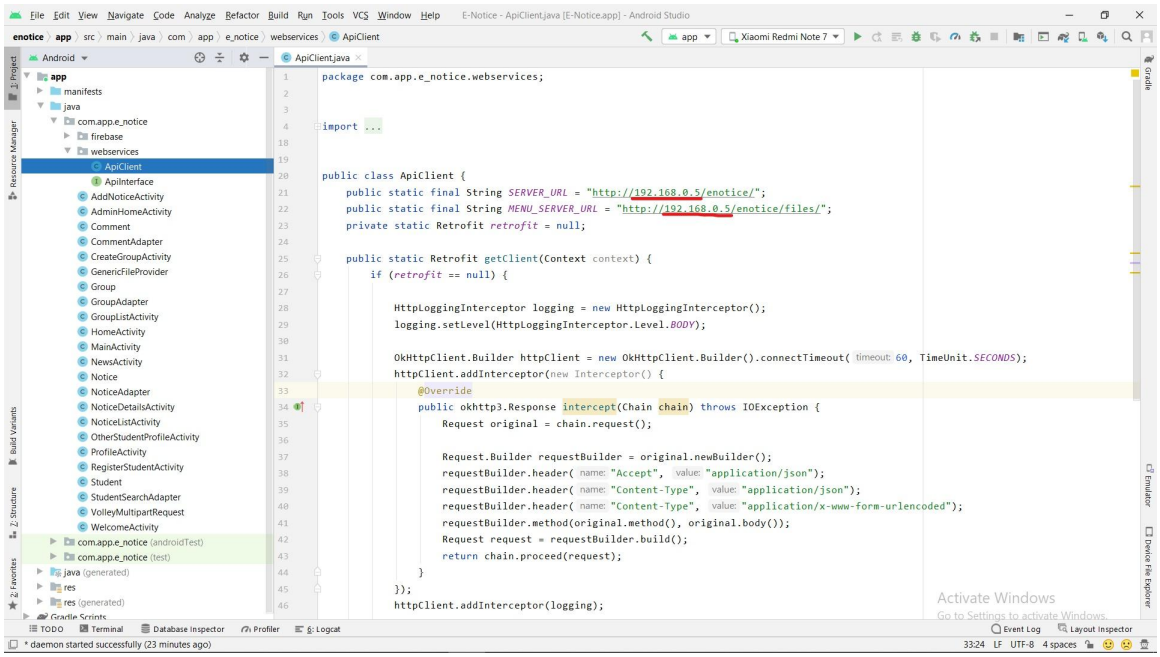
Click on the Structure button from the top left corner to see the database structure. (There you can see all the tables in our database. You can click on any table name and see the entries. The entries which you can see are added while testing the application. More entries will get added once you start using the App).



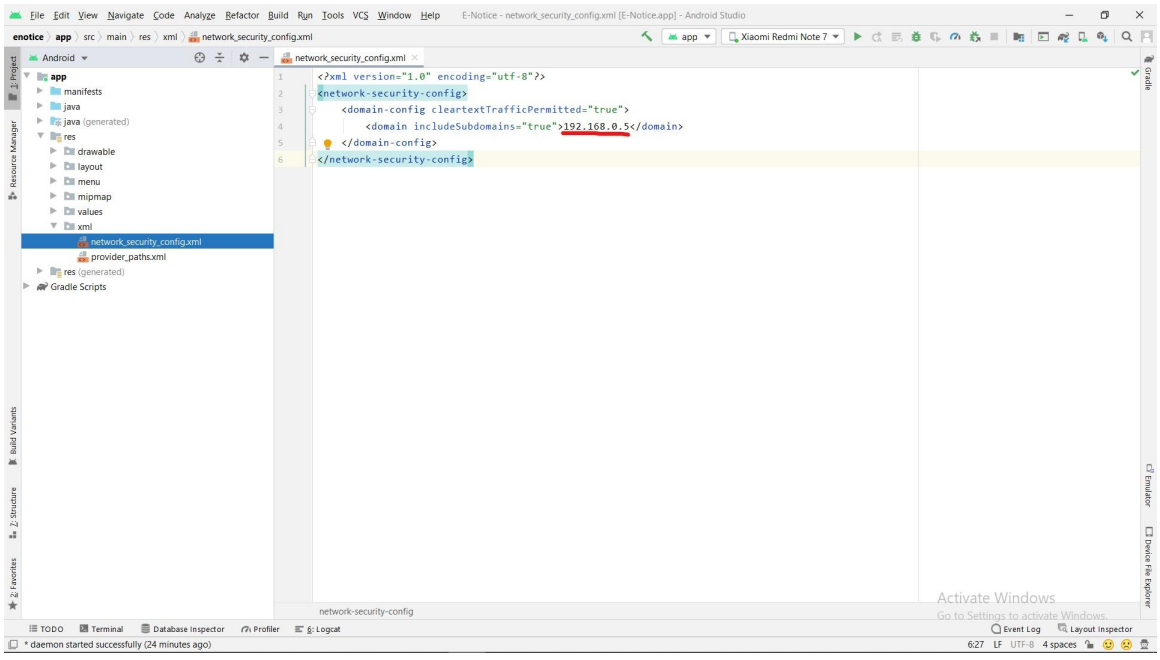
3) Setting Up the E-Notice Android Application:

Now download the complete E-Notice (it's a Android Studio project) folder from this link https://drive.google.com/drive/folders/14YpANQCejH2VEU0Y0S_qx9ROyV3jL9td?usp=sharing . Open this project with Android Studio (version 4.2 or more) installed in your device. (If it asks to fetch the SDK path from your device, do that).

Now open the project in android mode. Open ApiClient.java file and change the IP address with the IP address of your device at both places as shown.

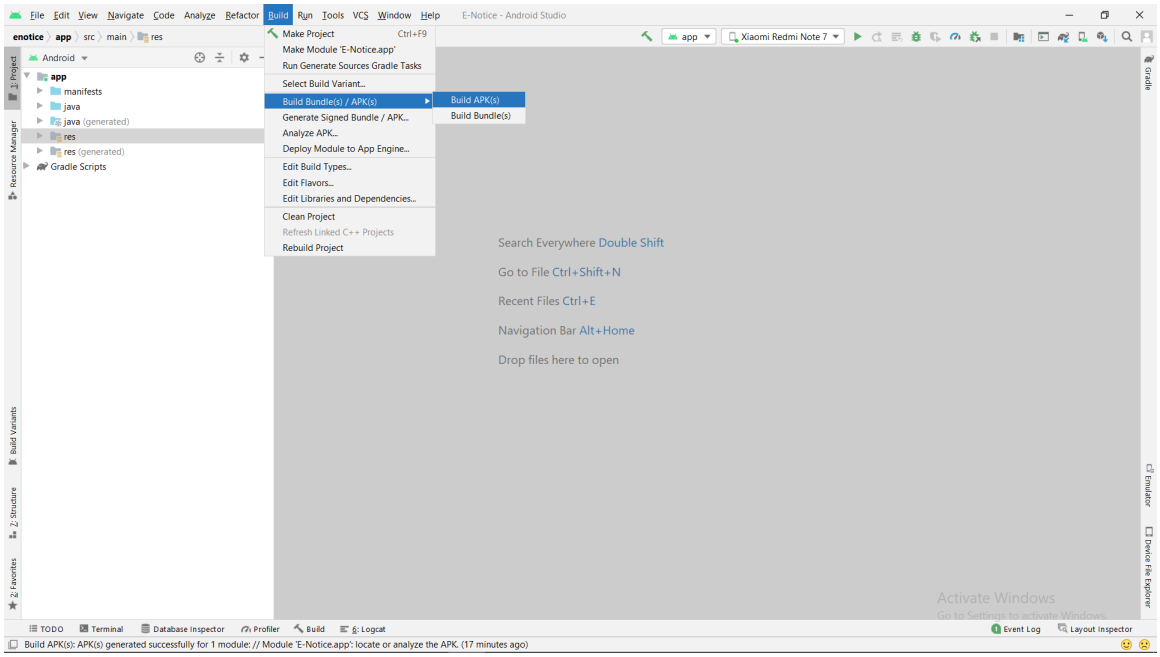


Open network_security_config.xml file and change the IP address with the IP address of your device as shown.



4) **Creating APK and installing it into the Android Smartphone:**

Once the above steps are done, click on Build -> Build Bundle(s) / APK(s) -> Build APK(s) as shown.



It will build the APK file of the project which you can install in your Android Smartphone.

Now go to the E-Notice folder (the one which you have downloaded recently) and follow this path. app -> build -> outputs -> apk -> debug. You will see the app-debug.apk file.

Copy that file and send it to your Android Smartphone (by Pen Drive or by any other means). Now install it in your Android Smartphone. Grant all the permissions it asks.

5) The system on which you have installed the XAMPP Control Panel and your Android Smartphone should be connected to the same network (same wifi).

6) Finally you can open the E-Notice app (installed from app-debug.apk file) and use it's various functionalities.

7) Login and password for admin is "admin". For student and faculty register first then username and password will be generated and sms will be send on registered mobile number.