RestAPI.java [Android Side]

-This File consist of all the functionalities which are used to communicate with the database in the form of functions.

-This file has a urlString string which is globally declared and holds a url which has the web services.

-When you call a function from the Restapi the url is hit and the function is called in the server side.

-All the functions are not used directly on the main Thread but on a Asynchronous Task and using Another class JSONParse we parse the json object to get it in the String Format.

WebAPI [REST FUL API/ASP.net with C# web service]

-IServiceAPI.cs : is an interface class which has all the functions which are shown in the RestAPI.java.

-ServiceAPI.cs: is an C# class file which has the real coding- all the queries.

-Handler.ashx:is the handler class where JSON is imported and values of IServiceAPI & ServiceAPI is passed.

-Web.config: The connection string of the database is passed

-DBConfig.cs: This file consist of the connection object or connection string which u used by ServiceAPI.cs

Working:

RestApi file communicates with the WebAPI and WEBAPI with the database and JSON is used to hold and pass the data.

The WebAPi is uploaded on the server and by calling the handler class from any browser and passing the ANDROID as query string will give u the RESTAPI.java which u copy paste in the android part and use it.

Eg: http://abc.hostoise.com/Handler1.ashx

Here abc is the subdomain

Hostoise.com is the domain

And Handler1.ashx is the file from the WEBAPI which we call it.

Since JSON is universal and standard for all languages, so to download them we pass android as Query String.

Eg: http://abc.hostoise.com/Handler1.ashx?ANDROID

Here we get our RESTAPI.java, copy paste the file in the Android project and change the url String in the RESTAPI to the url above i.e http://abc.hostoise.com/Handler1.

NOTE: The abc here was just used for instance , to see the proper working, your project already as a RESTAPI file and the url string, u can open that url in any browser to see the working.