START

Register New User

IF admin login:

View all appointments

ELSE IF User Login:

View List of Hospitals nearby

IF Hospital selected:

Book Appointment

ELSE IF view Appointments:

View appointments

END IF

END IF

END

SAMPLE CODE

public void post(String s, String s2) {

arrayl.clear();

String line = "";

try {

HttpPost httpPost = new HttpPost(

"https://maps.googleapis.com/maps/api/place/nearbysearch/json?location="

+ s

+ ","

+ s2

+ "&radius=6000&name="

+ name

+ "&sensor=false&key=AIzaSyAzjLiffpke-H4Z0UsmA1UzhFHWO3YNiKU");

HttpParams httpParameters = new BasicHttpParams();

System.out

.println("https://maps.googleapis.com/maps/api/place/nearbysearch/json?location="

+ s

+ ","

+ s2

+ "&radius=6000&name="

+ name

+ "&sensor=false&key=AIzaSyAzjLiffpke-H4Z0UsmA1UzhFHWO3YNiKU");

int timeoutConnection = 2000;

HttpConnectionParams.setConnectionTimeout(httpParameters,

timeoutConnection);

int timeoutSocket = 2000;

HttpConnectionParams.setSoTimeout(httpParameters, timeoutSocket);

DefaultHttpClient httpClient = new DefaultHttpClient(httpParameters);

ArrayList<NameValuePair> nameValuePairs = new ArrayList<NameValuePair>();

httpPost.setEntity(new UrlEncodedFormEntity(nameValuePairs));

HttpResponse httpResponse = httpClient.execute(httpPost);

HttpEntity httpEntity = httpResponse.getEntity();

line = EntityUtils.toString(httpEntity);

try {

JSONObject jo1 = new JSONObject(line);

JSONArray ja = jo1.getJSONArray("results");

// JSONArray ja1 = new JSONArray(line);

// JSONObject jo = ja1.getJSONObject(0);

// JSONArray ja = jo.getJSONArray("results");

for (int i = 0; i < ja.length(); i++) {

String Name = ja.getJSONObject(i).get("name").toString();

String address = ja.getJSONObject(i).get("vicinity")

.toString();

double lat1 = ja.getJSONObject(i).getJSONObject("geometry").getJSONObject("location").getDouble("lat");

double lng1 = ja.getJSONObject(i).getJSONObject("geometry").getJSONObject("location").getDouble("lng");

loc.add(lat1 + "," + lng1);

Log.i(TAG, "lat and lng: " + lat1 + ", " + lng1);

arrayl.add(Name + "\n" + address);

}

} catch (Exception e) {

System.out.println("xxxxxxxx1" + line);

}