**Login Activity:**

**protected void** onCreate(Bundle savedInstanceState) {  
 *//* ***TODO Auto-generated method stub* super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_a\_login***);  
  
  
 **editUser** =(EditText)findViewById(R.id.***editUser***);  
 **editPwd** =(EditText) findViewById(R.id.***editPwd***);  
  
 *//findViewById(R.id.btn\_Login).setOnClickListener(this);* findViewById(R.id.***NewAccount***).setOnClickListener(**this**);  
  
  
 Button button= (Button) findViewById(R.id.***btn\_sign\_in***);  
 button.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **new** A\_Login\_Class.RegisterAsyncTask().execute();  
}  
 });  
}  
  
**class** RegisterAsyncTask **extends** AsyncTask<String, String, String> {  
 @Override  
 **protected void** onPreExecute() {  
 **super**.onPreExecute();  
 **pDialog** = **new** ProgressDialog(A\_Login\_Class.**this**);  
 **pDialog**.setMessage(**"Login Successfully ..."**);  
 **pDialog**.setIndeterminate(**false**);  
 **pDialog**.setCancelable(**false**);  
 **pDialog**.show();  
 }  
  
 **protected** String doInBackground(String... args) {  
 **try** {  
 JSONObject jsonObject = **new** JSONObject();  
 jsonObject.accumulate(**"User\_Name"**,**editUser**.getText().toString()) ;  
 jsonObject.accumulate(**"Password"**, **editPwd**.getText().toString());  
 JSONObject json = **new** JSONObject(POST(**utilities**.*url*+**"login.php"**, jsonObject));  
**return** json.toString();  
 } **catch** (JSONException e) {  
 }  
 **return null**;  
 }  
  
 **protected void** onPostExecute(String results) {  
  
 **try** {  
 JSONObject json = **new** JSONObject(results);  
 **if** (json.getInt(**"state"**) == 0) {  
  
**if** (json.getInt(**"type"**) == 1) *// Company* {  
  
 Intent intent = **new** Intent(A\_Login\_Class.**this**, ActivityMain\_Diagnosis\_Physician\_Class.**class**);  
 *//startActivity(intent);* String NameHajj = **editUser**.getText().toString();  
 *//Intent i = new Intent(CurrentActivity.this, NewActivity.class);* intent.putExtra(**"editUser"**,NameHajj);  
 startActivity(intent);  
  
 }  
  
 **if** (json.getInt(**"type"**) == 2) *// User* {  
  
 Intent intent = **new** Intent(A\_Login\_Class.**this**, ActivityMain\_Diagnosis\_User\_Class.**class**);  
 *//startActivity(intent);* String NameAgent = **editUser**.getText().toString();  
 *//Intent i = new Intent(CurrentActivity.this, NewActivity.class);* intent.putExtra(**"editUser"**,NameAgent);  
 startActivity(intent);  
 }  
  
  
}  
 **pDialog**.dismiss();  
 Toast.*makeText*(getApplicationContext(),json.getString(**"message"**) ,Toast.***LENGTH\_LONG***).show();  
 } **catch** (JSONException e) {  
 **pDialog**.dismiss();  
 Toast.*makeText*(getApplicationContext(),**"JSONException Error!"**,Toast.***LENGTH\_LONG***).show();  
 }  
  
 }  
}  
  
  
  
@Override  
**public void** onClick(View view) {  
  
  
  
 **if** (view.getId() == R.id.***NewAccount***){  
 Intent intent = **new** Intent(A\_Login\_Class.**this**, A\_SignUP\_Class.**class**);  
 startActivity(intent);  
 }  
  
 *//if (view.getId() == R.id.NewAccount){  
 // Intent intent = new Intent(Login\_Class.this, Registration\_Class.class);  
 // startActivity(intent);  
 //}*}

**Sign UP Activity:**

@Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 *//* ***TODO Auto-generated method stub* super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_a\_signup***);  
  
 **User\_Name** = (EditText) findViewById(R.id.***User\_Name***);  
 **Full\_Name** = (EditText) findViewById(R.id.***Full\_Name***);  
 **Password** = (EditText) findViewById(R.id.***Password***);  
 **Mobile** = (EditText) findViewById(R.id.***Mobile***);  
 **Email** = (EditText) findViewById(R.id.***Email***);  
 **Address** = (EditText) findViewById(R.id.***Address***);  
  
 **final** Spinner UserType = (Spinner) findViewById(R.id.***ddlType***);  
 *//final Spinner CompanyName = findViewById(R.id.ddlCompanyName);  
  
 //create a list of items for the spinner.* String[] items = **new** String[]{**"-- User Type --"**, **"Physician"**, **"User"**};  
 *//create an adapter to describe how the items are displayed, adapters are used in several places in android.  
 //There are multiple variations of this, but this is the basic variant.* ArrayAdapter<String> adapter = **new** ArrayAdapter<>(**this**, android.R.layout.***simple\_spinner\_dropdown\_item***, items);  
 *//set the spinners adapter to the previously created one.* UserType.setAdapter(adapter);  
  
**btn\_signup** = (Button) findViewById(R.id.***btn\_signup***);  
 **loadingLL** = (LinearLayout) findViewById(R.id.***loadingLL***);  
 **btn\_signup**.setOnClickListener(**this**);  
 **utilities** = **new** Utilities\_Class();  
  
  
 *// Attach TextWatcher to EditText // With Code validation* **Password**.addTextChangedListener(**mTextEditorWatcher**);  
 **Mobile**.addTextChangedListener(**mTextEditorWatcher**);  
  
 **Password**.setOnFocusChangeListener(**focusListener**);  
 **Mobile**.setOnFocusChangeListener(**focusListener**);  
}  
@Override  
 **public void** onClick(View view) {  
 **int** id = view.getId();  
 **switch** (id){  
 **case** R.id.***btn\_signup***:  
 **new** MainAsyncTask().execute();  
**break**;  
  
 **default**:  
 }  
 }  
  
  
 **class** MainAsyncTask **extends** AsyncTask<String, String, String> {  
 @Override  
 **protected void** onPreExecute() {  
 **super**.onPreExecute();  
 **loadingLL**.setVisibility(View.***VISIBLE***);  
 }  
  
 **protected** String doInBackground(String... args) {  
 **try** {  
  
 Spinner UserType = (Spinner)findViewById(R.id.***ddlType***);  
 *//Spinner CompanyName = findViewById(R.id.ddlCompanyName);* JSONObject jsonObject = **new** JSONObject();  
 jsonObject.accumulate(**"User\_Name"**, **User\_Name**.getText().toString());  
 jsonObject.accumulate(**"Full\_Name"**, **Full\_Name**.getText().toString());  
 jsonObject.accumulate(**"Password"**, **Password**.getText().toString());  
 jsonObject.accumulate(**"Mobile"**, **Mobile**.getText().toString());  
 jsonObject.accumulate(**"Email"**, **Email**.getText().toString());  
 jsonObject.accumulate(**"Address"**, **Address**.getText().toString());  
 jsonObject.accumulate(**"Type"**, **""**+ UserType.getSelectedItemPosition());  
JSONObject json = **new** JSONObject(**utilities**.POST( **utilities**.***API\_URL\_Register***, jsonObject));  
 **return** json.toString();  
 } **catch** (JSONException e) {  
 }  
 **return null**;  
 }  
  
 **protected void** onPostExecute(String results) {  
  
 Toast.*makeText*(A\_SignUP\_Class.**this**,**"Successful Save "**,  
 Toast.***LENGTH\_LONG***).show();  
  
  
  
 ((EditText) findViewById(R.id.***User\_Name***)).getText().clear();  
 ((EditText) findViewById(R.id.***Full\_Name***)).getText().clear();  
 ((EditText) findViewById(R.id.***Password***)).getText().clear();  
 ((EditText) findViewById(R.id.***Mobile***)).getText().clear();  
 ((EditText) findViewById(R.id.***Email***)).getText().clear();  
 ((EditText) findViewById(R.id.***Address***)).getText().clear();  
  
  
**loadingLL**.setVisibility(View.***GONE***);  
 }  
 }

**Add Diagnosis Activity:**

@Override  
**protected void** onCreate(Bundle savedInstanceState) {  
 *//* ***TODO Auto-generated method stub* super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_a\_add\_diagnosis***);  
  
  
 Intent intent = getIntent();  
  
 String user = intent.getStringExtra(**"editUser"**);  
  
 ((TextView) findViewById(R.id.***editUser***)).setText(user);  
  
  
 **Name** = (EditText)findViewById(R.id.***Name***);  
 **Description** = (EditText)findViewById(R.id.***Description***);  
  
  
 *// drop ddown list* **ddlMedicine** = (Spinner) findViewById(R.id.***ddlMedicine***);  
 **arrayList\_medicine** = **new** ArrayList<String>();  
  
 **ddlSpecialization\_Desc** = (Spinner) findViewById(R.id.***ddlSpecialization\_Desc***);  
 **arrayList\_specialization** = **new** ArrayList<String>();  
  
 getmedicine();  
  
 getspecialization();  
  
**btn\_Add\_Diagnosis** = (Button) findViewById(R.id.***btn\_Add\_Diagnosis***);  
 **loadingLL** = (LinearLayout) findViewById(R.id.***loadingLL***);  
 **btn\_Add\_Diagnosis**.setOnClickListener(**this**);  
 **utilities** = **new** Utilities\_Class();  
}  
  
  
**private void** getmedicine()  
{  
 StringRequest stringRequest = **new** StringRequest(**"http://192.168.8.140/DiagnosisPHP/getmedicine.php"**,  
 **new** Response.Listener<String>() {  
 @Override  
 **public void** onResponse(String response) {  
 JSONObject j = **null**;  
 **try** {  
 j = **new** JSONObject(response);  
 **result\_medicine** = j.getJSONArray(***JSON\_ARRAY\_Medicine***);  
 medicinedetails(**result\_medicine**);  
 } **catch** (JSONException e) {  
 e.printStackTrace();  
 }  
 }  
 },  
 **new** Response.ErrorListener() {  
 @Override  
 **public void** onErrorResponse(VolleyError error) {  
 }  
 });  
 RequestQueue requestQueue = Volley.*newRequestQueue*(**this**);  
 requestQueue.add(stringRequest);  
}  
  
**private void** medicinedetails(JSONArray j)  
{  
 **for** (**int** i = 0; i < j.length(); i++) {  
 **try** {  
 JSONObject json = j.getJSONObject(i);  
 **arrayList\_medicine**.add(json.getString(***Medicine\_Namearray***));  
 } **catch** (JSONException e) {  
 e.printStackTrace();  
 }  
 }  
 *// arrayList.add(0,"Select Employee");* **ddlMedicine**.setAdapter(**new** ArrayAdapter<String>(Add\_Diagnosis\_Class.**this**, android.R.layout.***simple\_spinner\_dropdown\_item***, **arrayList\_medicine**));  
}  
  
  
  
**private void** getspecialization()  
{  
 StringRequest stringRequest = **new** StringRequest(**"http://192.168.8.140/DiagnosisPHP/getspecialization.php"**,  
 **new** Response.Listener<String>() {  
 @Override  
 **public void** onResponse(String response) {  
 JSONObject j = **null**;  
 **try** {  
 j = **new** JSONObject(response);  
 **result\_specialization** = j.getJSONArray(***JSON\_ARRAY\_Specialization***);  
 specializationdetails(**result\_specialization**);  
 } **catch** (JSONException e) {  
 e.printStackTrace();  
 }  
 }  
 },  
 **new** Response.ErrorListener() {  
 @Override  
 **public void** onErrorResponse(VolleyError error) {  
 }  
 });  
 RequestQueue requestQueue = Volley.*newRequestQueue*(**this**);  
 requestQueue.add(stringRequest);  
}  
  
**private void** specializationdetails(JSONArray j)  
{  
 **for** (**int** i = 0; i < j.length(); i++) {  
 **try** {  
 JSONObject json = j.getJSONObject(i);  
 **arrayList\_specialization**.add(json.getString(***Specialization\_Descarray***));  
 } **catch** (JSONException e) {  
 e.printStackTrace();  
 }  
 }  
 *// arrayList.add(0,"Select Employee");* **ddlSpecialization\_Desc**.setAdapter(**new** ArrayAdapter<String>(Add\_Diagnosis\_Class.**this**, android.R.layout.***simple\_spinner\_dropdown\_item*** , **arrayList\_specialization**));  
}  
  
  
@Override  
**public void** onClick(View view) {  
 **int** id = view.getId();  
 **switch** (id){  
 **case** R.id.***btn\_Add\_Diagnosis***:  
 **new** MainAsyncTask().execute();  
  
 *//sendSMS(Mobile.getText().toString() ,"تم تسجيل المستخدم بنجاح"+" "+User\_Name.getText().toString() );  
  
 //sendMail(Email.getText().toString());* **break**;  
  
 **default**:  
 }  
}  
  
  
**class** MainAsyncTask **extends** AsyncTask<String, String, String> {  
 @Override  
 **protected void** onPreExecute() {  
 **super**.onPreExecute();  
 **loadingLL**.setVisibility(View.***VISIBLE***);  
 }  
  
 **protected** String doInBackground(String... args) {  
 **try** {  
  
 Intent intent = getIntent();  
  
 String user = **"user1"**; *//intent.getStringExtra("editUser");  
  
 //((TextView) findViewById(R.id.editUser)).setText(user);* Spinner Specialization = (Spinner) findViewById(R.id.***ddlSpecialization\_Desc***);  
 Spinner Medicine = (Spinner) findViewById(R.id.***ddlMedicine***);  
 *//Spinner CompanyName = findViewById(R.id.ddlCompanyName);* JSONObject jsonObject = **new** JSONObject();  
 jsonObject.accumulate(**"Name"**, **Name**.getText().toString());  
 jsonObject.accumulate(**"Description"**, **Description**.getText().toString());  
 *//jsonObject.accumulate("Type", ""+UserType.getSelectedItemPosition());* jsonObject.accumulate(**"Specialization\_Desc"**, **""**+Specialization.getSelectedItem().toString());  
 jsonObject.accumulate(**"Medicine"**, **""**+Medicine.getSelectedItem().toString());  
  
  
 jsonObject.accumulate(**"User\_Name"**, user );  
  
 JSONObject json = **new** JSONObject(**utilities**.POST( **utilities**.***API\_URL\_Add\_Diagnosis***, jsonObject));  
 **return** json.toString();  
 } **catch** (JSONException e) {  
 }  
 **return null**;  
 }  
  
 **protected void** onPostExecute(String results) {  
  
 Toast.*makeText*(Add\_Diagnosis\_Class.**this**,**"تم الحفظ بنجاح"**,  
 Toast.***LENGTH\_LONG***).show();  
  
  
 ((EditText) findViewById(R.id.***Name***)).getText().clear();  
 ((EditText) findViewById(R.id.***Description***)).getText().clear();  
  
  
  
 **loadingLL**.setVisibility(View.***GONE***);  
 }  
}

**Search Activity:**

@Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_a\_search\_diagnosis***);  
  
 **listView** = (ListView) findViewById(R.id.***list***);  
 **searchET** = (EditText) findViewById(R.id.***searchET***);  
 **seatchBtn** = (Button) findViewById(R.id.***seatchBtn***);  
  
  
  
  
  
 **rowsList** = **new** ArrayList<Search\_Diagnosis\_Class.Row>();  
  
 **seatchBtn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 **action** = **"SEARCH"**;  
 **rowsList**.clear();  
 **new** Search\_Diagnosis\_Class.MainAsyncTask().execute();  
 *// Toast.makeText(MyTableActivity.this,"OK", Toast.LENGTH\_SHORT).show();* }  
 });  
  
 **new** Search\_Diagnosis\_Class.MainAsyncTask().execute();  
  
 }  
  
  
  
  
 **public class** Row {  
  
 **public** String **Code\_NO** ;  
 **public** String **Name**;  
 *//public String Description;* **public** String **Specialization\_Desc**;  
 **public** String **Medicine**;  
  
 **public** Row( String Code\_NO , String Name , String Medicine , String Specialization\_Desc ) {  
  
 **this**.**Code\_NO** = Code\_NO;  
 **this**.**Name** = Name;  
 *//this.Description = Description;* **this**.**Specialization\_Desc** = Specialization\_Desc;  
 **this**.**Medicine** = Medicine;  
  
 }  
 }  
  
  
  
 **class** MainAsyncTask **extends** AsyncTask<String, String, String> {  
 @Override  
 **protected void** onPreExecute() {  
 **super**.onPreExecute();  
 *// loadingLL.setVisibility(View.VISIBLE);* }  
  
 **protected** String doInBackground(String... args) {  
 **try** {  
 JSONObject jsonObject = **new** JSONObject();  
  
 jsonObject.accumulate(**"Action"**, **action**);  
 jsonObject.accumulate(**"Code\_NO"**, **searchET**.getText().toString());  
  
 Utilities\_Class utilities = **new** Utilities\_Class();  
  
 JSONObject json = **new** JSONObject(utilities.POST( utilities.***API\_URL\_Search\_Diagnosis***, jsonObject));  
 **return** json.toString();  
 } **catch** (JSONException e) {  
 }  
 **return null**;  
 }  
  
 @RequiresApi(api = Build.VERSION\_CODES.***KITKAT***)  
 **protected void** onPostExecute(String results) {  
 **try** {  
 JSONObject jsonObject = **new** JSONObject(results);  
  
 JSONArray jSONArray = jsonObject.getJSONArray(**"diagnosis\_icd10"**);  
  
*// Toast.makeText(MyTableActivity.this,jSONArray.getJSONObject(0).toString(),  
// Toast.LENGTH\_LONG).show();* **for** (**int** i = 0; i < jSONArray.length(); i++) {  
  
 JSONObject row = **new** JSONObject(jSONArray.getJSONObject(i).toString());  
  
 **rowsList**.add(**new** Search\_Diagnosis\_Class.Row(  
 row.getString(**"Code\_NO"**),  
 row.getString(**"Name"**),  
 *//row.getString("Description"),* row.getString(**"Specialization\_Desc"**),  
 row.getString(**"Medicine"**)  
 ));  
 }  
  
 ArrayAdapter<Search\_Diagnosis\_Class.Row> adapter = **new** Search\_Diagnosis\_Adapter\_Class(Search\_Diagnosis\_Class.**this**,**rowsList**,10);  
 **listView**.setAdapter(adapter);  
 } **catch** (JSONException e) {  
 }  
  
 }  
 }

**Search Adapter Activity:**

**public** String **Reserv\_NO**;  
**int deletedPosition**=0 ;  
  
**private final** List<Search\_Diagnosis\_Class.Row> **rowsList**;  
**private final** Activity **context**;  
**private** LayoutInflater **inflater**;  
  
LinearLayout **loadingLL**;  
Utilities\_Class **utilities** = **new** Utilities\_Class();  
  
**static class** ViewHolder {  
 **protected** TextView **item1TV**;  
 **protected** TextView **item2TV**;  
 *//protected TextView item3TV;* **protected** TextView **item4TV**;  
 **protected** TextView **item5TV**;  
  
}  
  
**public** Search\_Diagnosis\_Adapter\_Class(Activity context, List<Search\_Diagnosis\_Class.Row> list, **int** dialogAdapterLayout) {  
 **super**(context, dialogAdapterLayout, list);  
 **this**.**context** = context;  
 **this**.**rowsList** = list;  
}  
  
  
@SuppressLint(**"InflateParams"**)  
@Override  
**public** View getView(**int** position, View convertView, ViewGroup parent) {  
 **final int** vposition = position;  
 **if** (**inflater** == **null**)  
 **inflater** = (LayoutInflater) **context**.getSystemService(Context.***LAYOUT\_INFLATER\_SERVICE***);  
 **if** (convertView == **null**)  
 convertView = **inflater**.inflate(R.layout.***activity\_a\_search\_diagnosis\_row***, **null**);  
  
 **final** ViewHolder viewHolder = **new** ViewHolder();  
  
 viewHolder.**item1TV** = (TextView) convertView.findViewById(R.id.***item1TV***);  
 viewHolder.**item2TV** = (TextView) convertView.findViewById(R.id.***item2TV***);  
 *//viewHolder.item3TV = (TextView) convertView.findViewById(R.id.item3TV);* viewHolder.**item4TV** = (TextView) convertView.findViewById(R.id.***item4TV***);  
 viewHolder.**item5TV** = (TextView) convertView.findViewById(R.id.***item5TV***);  
  
 convertView.setTag(viewHolder);  
 ViewHolder holder = (ViewHolder) convertView.getTag();  
  
  
 viewHolder.**item1TV**.setText(**""**+**rowsList**.get(position).**Code\_NO**);  
 viewHolder.**item2TV**.setText(**""**+**rowsList**.get(position).**Name**);  
 *//viewHolder.item3TV.setText(""+rowsList.get(position).Description);* viewHolder.**item4TV**.setText(**""**+**rowsList**.get(position).**Specialization\_Desc**);  
 viewHolder.**item5TV**.setText(**""**+**rowsList**.get(position).**Medicine**);  
  
  
 **return** convertView;  
}