Android

UI DESIGN-SESSION 2

CODE WALK THROUGH

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```java
private EditText inputapp, inputmob;
@Override
protected void onCreate(@Nullable Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_search);

    inputapp = (EditText) findViewById(R.id.input_app);
    inputmob = (EditText) findViewById(R.id.input_mob);
```

Careful while mentioning type
and accessing elements

activity_search.xml

```xml
1    <?xml version="1.0" encoding="utf-8"?>
2    <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/an
3        android:layout_width="match_parent"
4        android:layout_height="match_parent"
5        android:orientation="vertical">
6
7
8        <EditText
9            android:id="@+id/input_app"
10            android:layout_width="match_parent"
11           android:layout_height="wrap_content"
12           android:hint="Application Number*" />
13
14       <EditText
15           android:id="@+id/input_mob"
16           android:layout_width="match_parent"
17           android:layout_height="wrap_content"
18           android:hint="Mobile Number Given In The Application*"
19           android:inputType="number" />
20
21
```

```java
tblelayout_docList = (TableLayout) findViewById(R.id.tableLayout_doc_List);
tblelayout_docList.setVisibility(View.GONE);
```

Click/Touch Events from View
Easy method

Activity_search.xml

```xml
<Button
    android:id="@+id/btnsub"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@+id/input_layout_mob"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="10dp"
    android:background="@drawable/buttoncustom"
    android:onClick="onSearchClick"
    android:text="Submit"
    android:textColor="#000000" />
```

SearchActivity.java

```java
public void onSearchClick(View view) {

    appno = inputapp.getText().toString();
    mobno = inputmob.getText().toString();
    //and ..do your code
}
```

Click/Touch Events from View
Java Method

```java
Button button = (Button) findViewById( R.id.YourButtonID);
button.setOnClickListener
(
    new OnClickListener()
    {
        public void onClick(View v)
        {
            //control comes here on click
            //do your code here
        }
    }
);
```

Volley

Open
SearchActivity.java

Please check

LoadService()

Volley GET

```java
final TextView mTextView = (TextView) findViewById(R.id.text);
// ...
// Instantiate the RequestQueue.
RequestQueue queue = Volley.newRequestQueue(this);
String url ="http://www.google.com";

// Request a string response from the provided URL.
StringRequest stringRequest = new StringRequest
(
    Request.Method.GET, url,
            new Response.Listener<String>()
            {
                @Override
                public void onResponse(String response)
                {
                    // Display the first 500 characters of the response string.
                    mTextView.setText("Response is: "+ response.substring(0,500));
                }
            }
, new Response.ErrorListener()
            {
                @Override
                public void onErrorResponse(VolleyError error) {
                    mTextView.setText("That didn't work!");
                }
            }

)
//ok for GET
;
// Add the request to the RequestQueue.
queue.add(stringRequest);
```

Volley POST

```java
final TextView mTextView = (TextView) findViewById(R.id.text);
// ...
// Instantiate the RequestQueue.
RequestQueue queue = Volley.newRequestQueue(this);
String url ="http://www.google.com";
// Request a string response from the provided URL.
StringRequest stringRequest = new StringRequest
(
    Request.Method.GET, url,
            new Response.Listener<String>()
            {
                @Override
                public void onResponse(String response)
                {
                    // Display the first 500 characters of the response string.
                    mTextView.setText("Response is: "+ response.substring(0,500));
                }
            }
, new Response.ErrorListener()
            {
                @Override
                public void onErrorResponse(VolleyError error) {
                    mTextView.setText("That didn't work!");              }
            }
)
        //POST
            {
            @Override

            public Map<String, String> getParams() {
                try {
                    params = new HashMap<>();
                    params.put("apNo", URLEncoder.encode(apNO, "UTF-8"));
                    params.put("mbNo", URLEncoder.encode(mobno, "UTF-8"));
                } catch (Exception e) {              }
                return params;
            }
        }
;
// Add the request to the RequestQueue.
queue.add(stringRequest);
```

Progress Dialogue

```java
ProgressDialog pDialog = new ProgressDialog(FeedbackActivity.this);
pDialog.setMessage("Loading...");
pDialog.setCancelable(false);
pDialog.show();
```

```java
pDialog.show();
pDialog.dismiss();
```