3.2 Detail

MainActivity.java

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| package com.example.detail;  import android.content.Intent; import android.os.AsyncTask; import android.os.Bundle;  import com.google.android.material.floatingactionbutton.FloatingActionButton; import com.google.android.material.snackbar.Snackbar;  import androidx.appcompat.app.AppCompatActivity; import androidx.appcompat.widget.Toolbar;  import android.view.View; import android.view.Menu; import android.view.MenuItem; import android.widget.AdapterView; import android.widget.ArrayAdapter; import android.widget.ListView; import android.widget.ProgressBar;  import java.util.List;  public class MainActivity extends AppCompatActivity {   private ProgressBar pb;  private ListView lv;  private List<String> contactList;     @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_main*);   pb =(ProgressBar) findViewById(R.id.*progressBar*);  lv =(ListView) findViewById(R.id.*listView*);   Fetcher fetcher = new Fetcher();  fetcher.execute("http://localhost:4000/dizz/getJsonResponse.php");   lv.setOnItemClickListener(new AdapterView.OnItemClickListener() {  @Override  public void onItemClick(AdapterView<?> parent, View view, int position, long id) {  String name = (String) lv.getItemAtPosition(position);  Intent intent=new Intent(MainActivity.this, detailActivity.class);  intent.putExtra("name", name);  startActivity(intent);  }  });  }   public void ContactAdapter(String json){  contactList = JsonParse.*Parse*(json);   ArrayAdapter<String>adapter = new ArrayAdapter<String>(this, android.R.layout.*simple\_list\_item\_1*,contactList);  lv.setAdapter(adapter);  }   private class Fetcher extends AsyncTask<String,String,String>{  @Override  protected void onPreExecute() {  pb.setVisibility(View.*VISIBLE*);  }   @Override  protected String doInBackground(String... params) {  String data = HTTPManager.*getData*(params[0]);  return data;  }   @Override  protected void onPostExecute(String s) {  ContactAdapter(s);  pb.setVisibility(View.*INVISIBLE*);  }  } } |

Activity\_main.xml

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| <?xml version="1.0" encoding="utf-8"?> <RelativeLayout  xmlns:android="http://schemas.android.com/apk/res/android"  xmlns:app="http://schemas.android.com/apk/res-auto"  xmlns:tools="http://schemas.android.com/tools"  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  tools:context=".MainActivity">   <ProgressBar  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  style="?android:attr/progressBarStyleLarge"  android:id="@+id/progressBar"  android:layout\_centerHorizontal="true"  android:layout\_centerVertical="true"  android:visibility="invisible" />   <ListView  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:id="@+id/listView"  android:layout\_alignParentTop="true"  android:layout\_alignParentLeft="true"  android:layout\_alignParentStart="true"/>  </RelativeLayout> |

Activity\_detail.xml

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| <?xml version="1.0" encoding="utf-8"?> <RelativeLayout  xmlns:android="http://schemas.android.com/apk/res/android"  android:layout\_width="match\_parent"  android:layout\_height="match\_parent">   <TextView  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:id="@+id/textView"  android:layout\_centerHorizontal="true"  android:layout\_centerVertical="true"/>  </RelativeLayout> |

HTTPManager.java

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| package com.example.detail;  import java.io.BufferedReader; import java.io.IOException; import java.io.InputStreamReader; import java.net.URL;  import javax.net.ssl.HttpsURLConnection;  public class HTTPManager {  public static String getData(String stringUrl){  BufferedReader reader = null;  try {  URL url = new URL(stringUrl);  HttpsURLConnection connection =(HttpsURLConnection) url.openConnection();  StringBuilder sb= new StringBuilder();  InputStreamReader is=new InputStreamReader(connection.getInputStream());  reader=new BufferedReader(is);   String line;  while ((line = reader.readLine())!=null){  sb.append(line).append("\n");  }  return sb.toString();  }catch (Exception e){  e.printStackTrace();  return null;  } finally {  try {  reader.close();  } catch (IOException e){  e.printStackTrace();  }  }  } } |

JsonParse.java

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| package com.example.detail;  import org.json.JSONArray; import org.json.JSONException; import org.json.JSONObject;  import java.util.ArrayList; import java.util.List;  public class JsonParse {   public static List Parse(String json){  try {  JSONArray jsonArray = new JSONArray(json);  List contactList = new ArrayList<>();   int i=0;  while (i<jsonArray.length()){  JSONObject jb = jsonArray.getJSONObject(i);  contactList.add(jb.getString("name"));  i++;  }  return contactList;  }catch (JSONException e){  e.printStackTrace();  return null;  }  } } |

detailActivity.java

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| --- |
| package com.example.detail;  import androidx.appcompat.app.AppCompatActivity;  import android.os.Bundle; import android.widget.TextView;  public class detailActivity extends AppCompatActivity {   TextView tv;  @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_detail2*);   tv=(TextView) findViewById(R.id.*textView*);   String name=getIntent().getExtras().getString("name");  tv.setText(name);  } } |