

**UNIVERSITI UTARA MALAYSIA**

**COLLEGE OF ARTS AND SCIENCE**

**STIW2044: Mobile Programming**

# Semester 182

**School of Computing, CAS, UUM**

LAB 2

**Project First Deliverable**

**PREPARED BY**

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**LECTURE**

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**SplashActivity.java**

**package** com.slumberjer.royalcar;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.os.Handler;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.widget.ProgressBar;  
  
**public class** SplashActivity **extends** AppCompatActivity {  
  
 **private int progressStatus** = 0;  
 **private** Handler **handler** = **new** Handler();  
 ProgressBar **progressBar**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_splash***);  
 **progressBar** = findViewById(R.id.***progressBar***);  
 loadingscreen();  
 }  
  
 **private void** loadingscreen(){  
 **progressStatus** = 0;  
 **new** Thread(**new** Runnable() {  
 @Override  
 **public void** run() {  
 **while**(**progressStatus** < 100){  
 *// Update the progress status* **progressStatus** +=1;  
  
 *// Try to sleep the thread for 20 milliseconds* **try**{  
 Thread.*sleep*(10);  
 }**catch**(InterruptedException e){  
 e.printStackTrace();  
 }  
  
 *// Update the progress bar* **handler**.post(**new** Runnable() {  
 @Override  
 **public void** run() {  
 **progressBar**.setProgress(**progressStatus**);  
 }  
 });  
 }  
  
 *//Intent intent = new Intent(SplashScreenActivity.this, LoginActivity.class);* Intent intent = **new** Intent(SplashActivity.**this**, LoginActivity.**class**);  
 startActivity(intent);  
 finish();  
 }  
 }).start(); *// Start the operation* }  
}

**RegisterActivity.java**

**package** com.slumberjer.royalcar;  
  
**import** android.app.AlertDialog;  
**import** android.app.ProgressDialog;  
**import** android.content.DialogInterface;  
**import** android.content.Intent;  
**import** android.os.AsyncTask;  
**import** android.os.Bundle;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Spinner;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** java.util.HashMap;  
  
**public class** RegisterActivity **extends** AppCompatActivity {  
 Spinner **sploc**;  
 EditText **edEmail**, **edPass**, **edPhone**, **edName**;  
 Button **btnReg**;  
 TextView **tvlogin**;  
  
 User **user**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_register***);  
 initView();  
 **btnReg**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 registerUserInput();  
 }  
 });  
 **tvlogin**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(RegisterActivity.**this**, LoginActivity.**class**);  
 intent.setFlags(Intent.***FLAG\_ACTIVITY\_NEW\_TASK*** | Intent.***FLAG\_ACTIVITY\_CLEAR\_TASK***);  
 startActivity(intent);  
 }  
 });  
  
 }  
  
  
 **private void** registerUserInput() {  
 String email, pass, phone, name, location;  
 email = **edEmail**.getText().toString();  
 pass = **edPass**.getText().toString();  
 phone = **edPhone**.getText().toString();  
 name = **edName**.getText().toString();  
 location = **sploc**.getSelectedItem().toString();  
 *//error checking here* **user** = **new** User(name, phone, email, pass, location);  
 *//insertData(user);* registerUserDialog();  
  
 }  
  
 **private void** insertData() {  
 **class** RegisterUser **extends** AsyncTask<Void, Void, String> {  
  
 ProgressDialog **loading**;  
  
 @Override  
 **protected void** onPreExecute() {  
 **super**.onPreExecute();  
 **loading** = ProgressDialog.*show*(RegisterActivity.**this**,  
 **"Registration"**, **"..."**, **false**, **false**);  
 }  
  
 @Override  
 **protected** String doInBackground(Void... voids) {  
 HashMap<String, String> hashMap = **new** HashMap<>();  
 hashMap.put(**"email"**, **user**.**email**);  
 hashMap.put(**"password"**, **user**.**password**);  
 hashMap.put(**"phone"**, **user**.**phone**);  
 hashMap.put(**"name"**, **user**.**name**);  
 hashMap.put(**"location"**, **user**.**location**);  
 RequestHandler rh = **new** RequestHandler();  
 String s = rh.sendPostRequest  
 (**"https://royalcar.000webhostapp.com/royalcar/insert\_registration.php"**, hashMap);  
 **return** s;  
 }  
  
 @Override  
 **protected void** onPostExecute(String s) {  
 **super**.onPostExecute(s);  
 **loading**.dismiss();  
 **if** (s.equalsIgnoreCase(**"success"**)){  
 Toast.*makeText*(RegisterActivity.**this**, **"Registration Success"**, Toast.***LENGTH\_SHORT***).show();  
 Intent intent = **new** Intent(RegisterActivity.**this**,LoginActivity.**class**);  
 RegisterActivity.**this**.finish();  
 startActivity(intent);  
  
 }**else if** (s.equalsIgnoreCase(**"nodata"**)){  
 Toast.*makeText*(RegisterActivity.**this**, **"Please fill in data first"**, Toast.***LENGTH\_SHORT***).show();  
 }**else**{  
 Toast.*makeText*(RegisterActivity.**this**, **"Registration Failed"**, Toast.***LENGTH\_SHORT***).show();  
 }  
  
 }  
 }  
  
 RegisterUser registerUser = **new** RegisterUser();  
 registerUser.execute();  
 }  
  
 **private void** registerUserDialog() {  
 AlertDialog.Builder alertDialogBuilder = **new** AlertDialog.Builder(**this**);  
 alertDialogBuilder.setTitle(**this**.getResources().getString(R.string.***registerfor***) + **" "** + **user**.**name** + **"?"**);  
  
 alertDialogBuilder  
 .setMessage(**this**.getResources().getString(R.string.***registerdialognew***))  
 .setCancelable(**false**)  
 .setPositiveButton(**this**.getResources().getString(R.string.***yesbutton***), **new** DialogInterface.OnClickListener() {  
 **public void** onClick(DialogInterface dialog, **int** id) {  
 *//Toast.makeText(getActivity(), "DELETE "+jobid, Toast.LENGTH\_SHORT).show();* insertData();  
 Toast.*makeText*(RegisterActivity.**this**, getResources().getString(R.string.***registrationprocess***), Toast.***LENGTH\_SHORT***).show();  
  
 }  
 })  
 .setNegativeButton(**this**.getResources().getString(R.string.***nobutton***), **new** DialogInterface.OnClickListener() {  
 **public void** onClick(DialogInterface dialog, **int** id) {  
 dialog.cancel();  
 }  
 });  
 AlertDialog alertDialog = alertDialogBuilder.create();  
 alertDialog.show();  
 }  
  
  
 **private void** initView() {  
 **sploc** = findViewById(R.id.***spinLoc***);  
 **edEmail** = findViewById(R.id.***txtEmail***);  
 **edPass** = findViewById(R.id.***txtpassword***);  
 **edPhone** = findViewById(R.id.***txtphone***);  
 **edName** = findViewById(R.id.***txtname***);  
 **btnReg** = findViewById(R.id.***btn\_register***);  
 **tvlogin** = findViewById(R.id.***tvregister***);  
  
  
 }  
}

**LoginActivity.java**

**package** com.slumberjer.royalcar;  
  
**import** android.app.ProgressDialog;  
**import** android.content.Intent;  
**import** android.content.SharedPreferences;  
**import** android.os.AsyncTask;  
**import** android.os.Bundle;  
**import** android.preference.PreferenceManager;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.CheckBox;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** java.util.HashMap;  
  
  
**public class** LoginActivity **extends** AppCompatActivity {  
 TextView **tvreg**;  
 EditText **edemail**,**edpassword**;  
 Button **btnlogin**;  
 SharedPreferences **sharedPreferences**;  
 CheckBox **cbrem**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_login***);  
 **edemail** = findViewById(R.id.***editTextEmail***);  
 **edpassword** = findViewById(R.id.***editTextPassword***);  
 **btnlogin** = findViewById(R.id.***buttonLogin***);  
 **tvreg** = findViewById(R.id.***tvRegister***);  
 **cbrem** = findViewById(R.id.***checkBox***);  
 **tvreg**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(LoginActivity.**this**, RegisterActivity.**class**);  
 startActivity(intent);  
 }  
 });  
  
 **btnlogin**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String email = **edemail**.getText().toString();  
 String pass = **edpassword**.getText().toString();  
  
 loginUser(email,pass);  
 }  
 });  
 **cbrem**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **if** (**cbrem**.isChecked()){  
 String email = **edemail**.getText().toString();  
 String pass = **edpassword**.getText().toString();  
 savePref(email,pass);  
 }  
 }  
 });  
 loadPref();  
 }  
  
 **private void** savePref(String e, String p) {  
 **sharedPreferences** = PreferenceManager.*getDefaultSharedPreferences*(**this**);  
 SharedPreferences.Editor editor = **sharedPreferences**.edit();  
 editor.putString(**"email"**, e);  
 editor.putString(**"password"**, p);  
 editor.commit();  
 Toast.*makeText*(**this**, **"Preferences has been saved"**, Toast.***LENGTH\_SHORT***).show();  
 }  
  
 **private void** loadPref() {  
 **sharedPreferences** = PreferenceManager.*getDefaultSharedPreferences*(**this**);  
 String premail = **sharedPreferences**.getString(**"email"**, **""**);  
 String prpass = **sharedPreferences**.getString(**"password"**, **""**);  
 **if** (premail.length()>0){  
 **cbrem**.setChecked(**true**);  
 **edemail**.setText(premail);  
 **edpassword**.setText(prpass);  
 }  
 }  
  
 **private void** loginUser(**final** String email, **final** String pass) {  
 **class** LoginUser **extends** AsyncTask<Void,Void,String> {  
 ProgressDialog **loading**;  
 @Override  
 **protected void** onPreExecute() {  
 **super**.onPreExecute();  
 **loading** = ProgressDialog.*show*(LoginActivity.**this**,  
 **"Login user"**,**"..."**,**false**,**false**);  
 }  
 @Override  
 **protected** String doInBackground(Void... voids) {  
 HashMap<String,String> hashMap = **new** HashMap<>();  
 hashMap.put(**"email"**,email);  
 hashMap.put(**"password"**,pass);  
 RequestHandler rh = **new** RequestHandler();  
 String s = rh.sendPostRequest  
 (**"https://royalcar.000webhostapp.com/royalcar/login.php"**,hashMap);  
 **return** s;  
 }  
  
 @Override  
 **protected void** onPostExecute(String s) {  
 **super**.onPostExecute(s);  
 **loading**.dismiss();  
 **if**(s.equalsIgnoreCase(**"failed"**)){  
 Toast.*makeText*(LoginActivity.**this**, **"Login Failed"**, Toast.***LENGTH\_LONG***).show();  
 }**else if** (s.length()>7){  
 *//Toast.makeText(LoginActivity.this, s, Toast.LENGTH\_LONG).show();* String[] val = s.split(**","**);  
 Intent intent = **new** Intent(LoginActivity.**this**,MainActivity.**class**);  
 Bundle bundle = **new** Bundle();  
 bundle.putString(**"userid"**,email);  
 bundle.putString(**"name"**,val[0]);  
 bundle.putString(**"phone"**,val[1]);  
 intent.putExtras(bundle);  
 startActivity(intent);  
 }  
 }  
 }  
 LoginUser loginUser = **new** LoginUser();  
 loginUser.execute();  
 }  
}

**MainActivity.java**

**package** com.slumberjer.royalcar;  
  
**import** android.content.Intent;  
**import** android.os.AsyncTask;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.util.Log;  
**import** android.view.View;  
**import** android.widget.AdapterView;  
**import** android.widget.ListAdapter;  
**import** android.widget.ListView;  
**import** android.widget.Spinner;  
  
**import** org.json.JSONArray;  
**import** org.json.JSONException;  
**import** org.json.JSONObject;  
  
**import** java.util.ArrayList;  
**import** java.util.HashMap;  
  
**import static** java.lang.Thread.*sleep*;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 ListView **lvcompany**;  
 ArrayList<HashMap<String, String>> **companylist**;  
 Spinner **sploc**;  
 String **userid**, **name**, **phone**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 **lvcompany** = findViewById(R.id.***listviewCompany***);  
 **sploc** = findViewById(R.id.***spinner***);  
 Intent intent = getIntent();  
 Bundle bundle = intent.getExtras();  
 **userid** = bundle.getString(**"userid"**);  
 **name** = bundle.getString(**"name"**);  
 **phone** = bundle.getString(**"phone"**);  
 loadCompany(**sploc**.getSelectedItem().toString());  
 **lvcompany**.setOnItemClickListener(**new** AdapterView.OnItemClickListener() {  
 @Override  
 **public void** onItemClick(AdapterView<?> parent, View view, **int** position, **long** id) {  
  
  
 Bundle bundle = **new** Bundle();  
 bundle.putString(**"companyid"**, **companylist**.get(position).get(**"companyid"**));  
 bundle.putString(**"name"**, **companylist**.get(position).get(**"name"**));  
 bundle.putString(**"phone"**, **companylist**.get(position).get(**"phone"**));  
 bundle.putString(**"address"**, **companylist**.get(position).get(**"address"**));  
 bundle.putString(**"location"**, **companylist**.get(position).get(**"location"**));  
 bundle.putString(**"userid"**, **userid**);  
  
 }  
 });  
  
 **sploc**.setSelection(0, **false**);  
 **sploc**.setOnItemSelectedListener(**new** AdapterView.OnItemSelectedListener() {  
 @Override  
 **public void** onItemSelected(AdapterView<?> parent, View view, **int** position, **long** id) {  
 loadCompany(**sploc**.getSelectedItem().toString());  
 }  
  
 @Override  
 **public void** onNothingSelected(AdapterView<?> parent) {  
  
 }  
 });  
  
 }  
  
  
 **private void** loadCompany(**final** String loc) {  
 **class** LoadCompany **extends** AsyncTask<Void, Void, String> {  
  
 @Override  
 **protected** String doInBackground(Void... voids) {  
 HashMap<String, String> hashMap = **new** HashMap<>();  
 hashMap.put(**"location"**, loc);  
 RequestHandler rh = **new** RequestHandler();  
 **companylist** = **new** ArrayList<>();  
 String s = rh.sendPostRequest  
 (**"https://royalcar.000webhostapp.com/royalcar/load\_company.php"**, hashMap);  
 **return** s;  
 }  
  
 @Override  
 **protected void** onPostExecute(String s) {  
 **super**.onPostExecute(s);  
 *// Toast.makeText(MainActivity.this, s, Toast.LENGTH\_LONG).show();* **companylist**.clear();  
 **try** {  
 JSONObject jsonObject = **new** JSONObject(s);  
 JSONArray companyarray = jsonObject.getJSONArray(**"company"**);  
 Log.*e*(**"LIVI"**, jsonObject.toString());  
 **for** (**int** i = 0; i < companyarray.length(); i++) {  
 JSONObject c = companyarray.getJSONObject(i);  
 String rid = c.getString(**"companyid"**);  
 String rname = c.getString(**"name"**);  
 String rphone = c.getString(**"phone"**);  
 String raddress = c.getString(**"address"**);  
 String rlocation = c.getString(**"location"**);  
 HashMap<String, String> companylisthash = **new** HashMap<>();  
 companylisthash.put(**"companyid"**, rid);  
 companylisthash.put(**"name"**, rname);  
 companylisthash.put(**"phone"**, rphone);  
 companylisthash.put(**"address"**, raddress);  
 companylisthash.put(**"location"**, rlocation);  
 **companylist**.add(companylisthash);  
 }  
 } **catch** (**final** JSONException e) {  
 Log.*e*(**"JSONERROR"**, e.toString());  
 }  
 ListAdapter adapter = **new** CustomAdapter(  
 MainActivity.**this**, **companylist**,  
 R.layout.***cust\_list\_company***, **new** String[]  
 {**"name"**, **"phone"**, **"address"**, **"location"**}, **new int**[]  
 {R.id.***textView***, R.id.***textView2***, R.id.***textView3***, R.id.***textView4***});  
 **lvcompany**.setAdapter(adapter);  
  
 }  
  
 }  
 LoadCompany loadCompany = **new** LoadCompany();  
 loadCompany.execute();  
 }  
  
}

**CustomAdapter.java**

**package** com.slumberjer.royalcar;  
  
**import** android.content.Context;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.SimpleAdapter;  
**import** android.widget.TextView;  
  
**import** com.squareup.picasso.Picasso;  
  
**import** java.util.HashMap;  
**import** java.util.List;  
**import** java.util.Map;  
  
**import** de.hdodenhof.circleimageview.CircleImageView;  
  
**public class** CustomAdapter **extends** SimpleAdapter {  
  
 **private** Context **mContext**;  
 **public** LayoutInflater **inflater**=**null**;  
 **public** CustomAdapter(Context context, List<? **extends** Map<String, ?>> data, **int** resource, String[] from, **int**[] to) {  
 **super**(context, data, resource, from, to);  
 **mContext** = context;  
 **inflater** = (LayoutInflater)**mContext**.getSystemService(Context.***LAYOUT\_INFLATER\_SERVICE***);  
 }  
  
 @Override  
 **public** View getView(**int** position, View convertView, ViewGroup parent) {  
 View vi=convertView;  
 **try**{  
 **if**(convertView==**null**)  
 vi = **inflater**.inflate(R.layout.***cust\_list\_company***, **null**);  
 HashMap<String, Object> data = (HashMap<String, Object>) getItem(position);  
 TextView tvcompanyname = vi.findViewById(R.id.***textView***);  
 TextView tvphone = vi.findViewById(R.id.***textView2***);  
 TextView tvadd = vi.findViewById(R.id.***textView3***);  
 TextView tvloc = vi.findViewById(R.id.***textView4***);  
 CircleImageView imgcompany =vi.findViewById(R.id.***imageView2***);  
 String dname = (String) data.get(**"name"**);*//hilang* String dphone =(String) data.get(**"phone"**);  
 String dadd =(String) data.get(**"address"**);  
 String dloc =(String) data.get(**"location"**);  
 String dcid=(String) data.get(**"companyid"**);  
 tvcompanyname.setText(dname);  
 tvphone.setText(dphone);  
 tvadd.setText(dadd);  
 tvloc.setText(dloc);  
  
 String image\_url = **"https://royalcar.000webhostapp.com/royalcar/images/"**+dcid+**".jpg"**;  
 Picasso.*with*(**mContext**).load(image\_url)  
 .fit().into(imgcompany);  
  
 }**catch** (IndexOutOfBoundsException e){  
  
 }  
  
 **return** vi;  
 }  
}

**User.java**

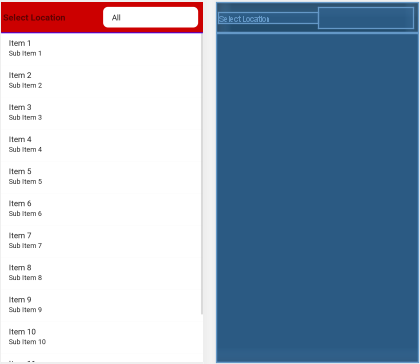
**package** com.slumberjer.royalcar;  
  
**public class** User {  
 String **name**,**phone**,**email**,**password**,**location**;  
 User(String n, String ph,String em,String pa, String lo){  
 **name** = n;  
 **phone**= ph;  
 **email** = em;  
 **password** = pa;  
 **location** = lo;  
 }  
}

**RequestHandler.java**

**package** com.slumberjer.royalcar;  
  
**import** java.io.BufferedReader;  
**import** java.io.BufferedWriter;  
**import** java.io.InputStreamReader;  
**import** java.io.OutputStream;  
**import** java.io.OutputStreamWriter;  
**import** java.io.UnsupportedEncodingException;  
**import** java.net.HttpURLConnection;  
**import** java.net.URL;  
**import** java.net.URLEncoder;  
**import** java.util.HashMap;  
**import** java.util.Map;  
**import** javax.net.ssl.HttpsURLConnection;  
  
**public class** RequestHandler {  
  
 **public** String sendPostRequest(String requestURL,  
 HashMap<String, String> postDataParams) {  
 URL url;  
 StringBuilder sb = **new** StringBuilder();  
 **try** {  
 url = **new** URL(requestURL);  
 HttpURLConnection conn = (HttpURLConnection)  
 url.openConnection();  
 conn.setReadTimeout(10000);  
 conn.setConnectTimeout(10000);  
 conn.setRequestMethod(**"POST"**);  
 conn.setDoInput(**true**);  
 conn.setDoOutput(**true**);  
 OutputStream os = conn.getOutputStream();  
 BufferedWriter writer = **new** BufferedWriter(  
 **new** OutputStreamWriter(os, **"UTF-8"**));  
 writer.write(getPostDataString(postDataParams));  
 writer.flush();  
 writer.close();  
 os.close();  
 **int** responseCode = conn.getResponseCode();  
 **if** (responseCode == HttpsURLConnection.***HTTP\_OK***) {  
 BufferedReader br = **new** BufferedReader(**new** InputStreamReader(conn.getInputStream()));  
 sb = **new** StringBuilder();  
 String response;  
 *//Reading server response* **while** ((response = br.readLine()) != **null**){  
 sb.append(response);  
 }  
 }  
  
 } **catch** (Exception e) {  
 e.printStackTrace();  
 }  
 **return** sb.toString();  
 }  
  
 **public** String sendGetRequest(String requestURL){  
 StringBuilder sb =**new** StringBuilder();  
 **try** {  
 URL url = **new** URL(requestURL);  
 HttpURLConnection con = (HttpURLConnection) url.openConnection();  
 BufferedReader bufferedReader = **new** BufferedReader  
 (**new** InputStreamReader(con.getInputStream()));  
 String s;  
 **while**((s=bufferedReader.readLine())!=**null**){  
 sb.append(s+**"\n"**);  
 }  
 }**catch**(Exception e){  
 }  
 **return** sb.toString();  
 }  
  
 **public** String sendGetRequestParam(String requestURL, String id){  
 StringBuilder sb =**new** StringBuilder();  
 **try** {  
 URL url = **new** URL(requestURL+id);  
 HttpURLConnection con = (HttpURLConnection) url.openConnection();  
 BufferedReader bufferedReader = **new** BufferedReader  
 (**new** InputStreamReader(con.getInputStream()));  
 String s;  
 **while**((s=bufferedReader.readLine())!=**null**){  
 sb.append(s+**"\n"**);  
 }  
 }**catch**(Exception e){  
 }  
 **return** sb.toString();  
 }  
  
 **private** String getPostDataString(HashMap<String, String> params)  
 **throws** UnsupportedEncodingException {  
 StringBuilder result = **new** StringBuilder();  
 **boolean** first = **true**;  
 **for** (Map.Entry<String, String> entry : params.entrySet()) {  
 **if** (first)  
 first = **false**;  
 **else** result.append(**"&"**);  
  
 result.append(URLEncoder.*encode*(entry.getKey(), **"UTF-8"**));  
 result.append(**"="**);  
 result.append(URLEncoder.*encode*(entry.getValue(), **"UTF-8"**));  
 }  
 **return** result.toString();  
 }  
}

**activity\_main.xml and layout blueprint**

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout 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"  
 android:orientation="vertical"  
 tools:context=".MainActivity"**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="@android:color/holo\_red\_dark"  
 android:gravity="center"  
 android:orientation="horizontal"  
 android:paddingLeft="4dp"  
 android:weightSum="1"**>  
  
 <**TextView  
 android:id="@+id/textView5"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="0.5"  
 android:text="@string/selectlocation"  
 android:textSize="18sp"  
 android:textStyle="bold"** />  
  
 <**Spinner  
 android:id="@+id/spinner"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginRight="10dp"  
 android:layout\_marginBottom="10dp"  
 android:layout\_weight="0.5"  
 android:background="@drawable/edittextshape"  
 android:entries="@array/location"  
 android:padding="10dp"** />  
  
 </**LinearLayout**>  
  
 <**View  
 android:id="@+id/view"  
 android:layout\_width="match\_parent"  
 android:layout\_height="2dp"  
 android:background="@drawable/buttonsquare"** />  
  
 <**ListView  
 android:id="@+id/listviewCompany"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@color/colorWhite"** />  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal"**>  
  
 <**Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="Button"** />  
  
 <**Button  
 android:id="@+id/button3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="Button"** />  
  
 <**Button  
 android:id="@+id/button4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="Button"** />  
  
 <**ScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"** />  
 </**ScrollView**>  
 </**LinearLayout**>  
</**LinearLayout**>



**dbconnect.php**

**<?php**

**$servername = "localhost";**

**$username = "id9090371\_livin007";**

**$password = "livin007";**

**$dbname = "id9090371\_royalcar";**

**$conn = new mysqli($servername, $username, $password, $dbname);**

**if ($conn->connect\_error) {**

**die("Connection failed: " . $conn->connect\_error);**

**}**

**?>**

**Insert\_registration.php**

**<?php**

**error\_reporting(0);**

**include\_once("dbconnect.php");**

**$email = $\_POST['email'];**

**$password = sha1($\_POST['password']);**

**$phone = $\_POST['phone'];**

**$name = $\_POST['name'];**

**$location = $\_POST['location'];**

**if (strlen($email) > 0){**

**$sqlinsert = "INSERT INTO USER(EMAIL,PASSWORD,PHONE,NAME,LOCATION) VALUES ('$email','$password','$phone','$name','$location')";**

**if ($conn->query($sqlinsert) === TRUE){**

**echo "success";**

**}else {**

**echo "failed";**

**}**

**}**

**?>**

**login.php**

**<?php**

**error\_reporting(0);**

**include\_once("dbconnect.php");**

**$email = $\_POST['email'];**

**$password =($\_POST['password']);**

**$sql = "SELECT \* FROM USER WHERE EMAIL = '$email' AND PASSWORD = '$password'";**

**$result = $conn->query($sql);**

**if ($result->num\_rows > 0) {**

**while ($row = $result ->fetch\_assoc()){**

**echo $data = $row["NAME"].",".$row["PHONE"];**

**}**

**}else{**

**echo "failed";**

**}**

**?>**

**load\_company.php**

**<?php**

**error\_reporting(0);**

**include\_once("dbconnect.php");**

**$location = $\_POST['location'];**

**if (strcasecmp($location, "All") == 0){**

**$sql = "SELECT \* FROM COMPANY";**

**}else{**

**$sql = "SELECT \* FROM COMPANY WHERE LOCATION = '$location'";**

**}**

**$result = $conn->query($sql);**

**if ($result->num\_rows > 0) {**

**$response["company"] = array();**

**while ($row = $result ->fetch\_assoc()){**

**$companylist = array();**

**$companylist[companyid] = $row["COMPANYID"];**

**$companylist[name] = $row["NAME"];**

**$companylist[phone] = $row["PHONE"];**

**$companylist[address] = $row["ADDRESS"];**

**$companylist[location] = $row["LOCATION"];**

**array\_push($response["company"], $companylist);**

**}**

**echo json\_encode($response);**

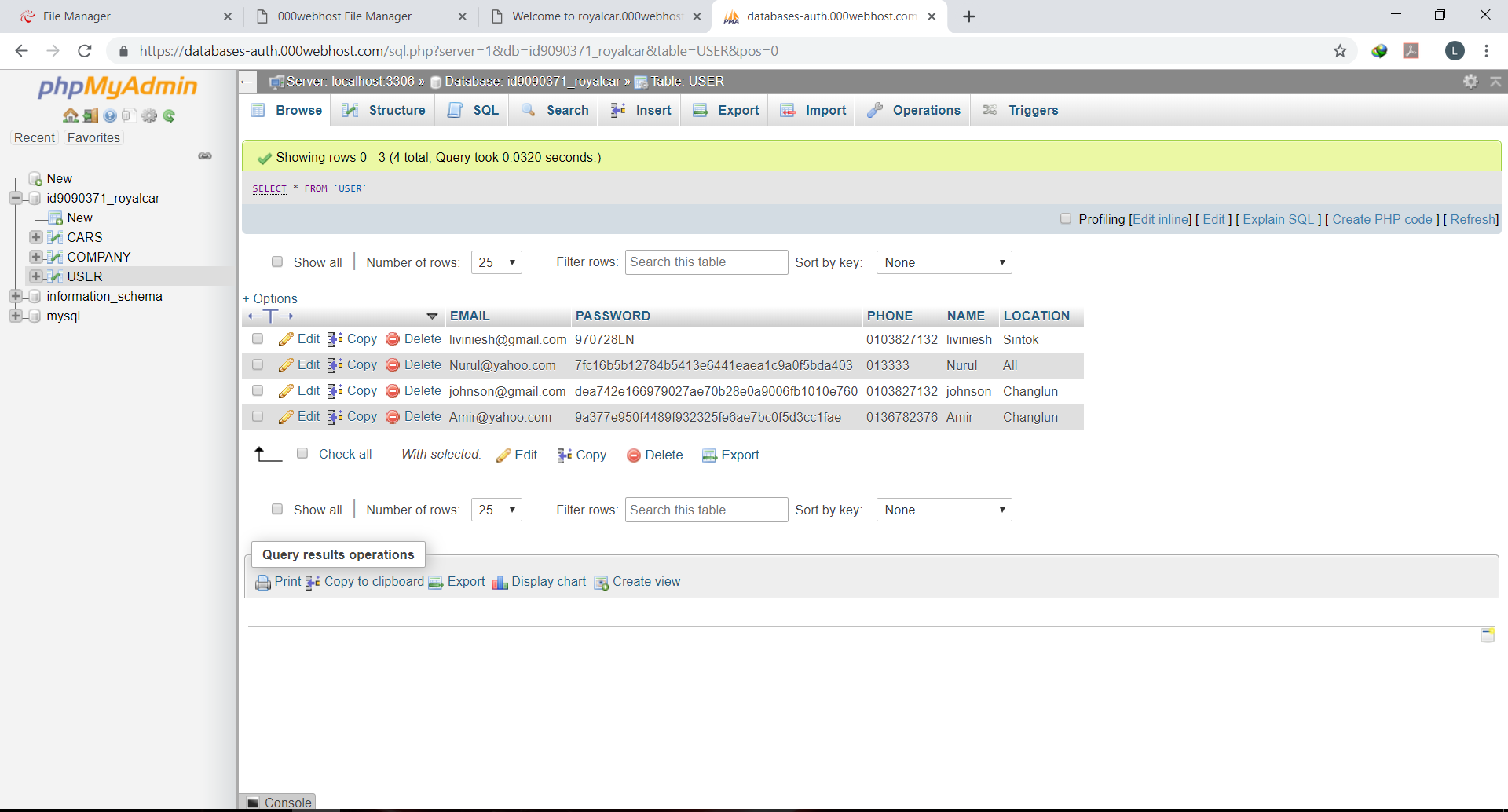
**}else{**

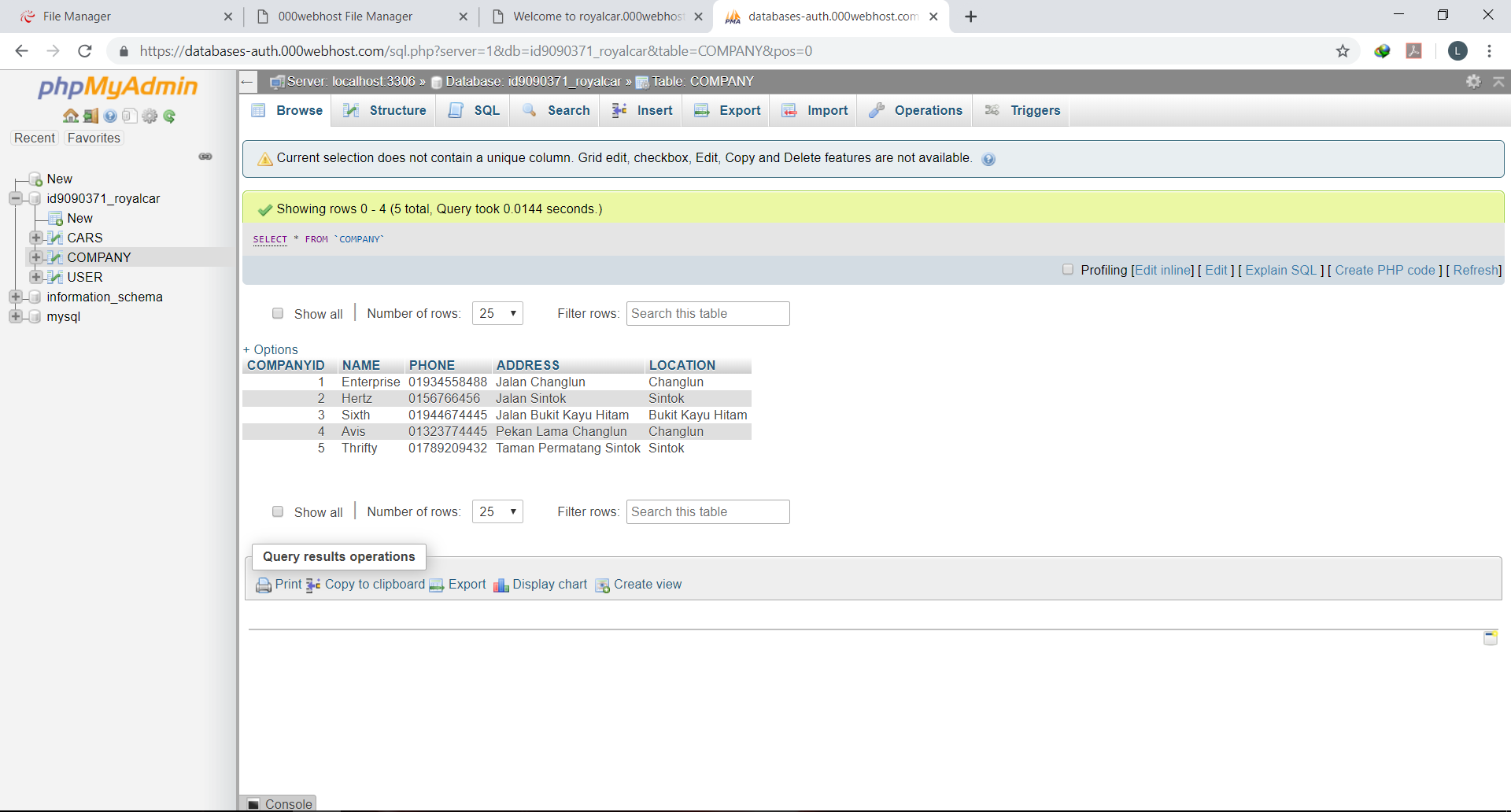
**echo "nodata";**

**}**

**?>**

**PHPMYADMIN database screen shot**





**Interface output**