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	STIW2044: Mobile Programming Semester 182 School of Computing, CAS, UUM
Final Project	
Submission 05/06/2019	

SR Mobile

Description

SR Mobile or we can say as "**Song Request Mobile"** is a mobile application that focuses on helping the user to request any song or music that they want to listen in a certain place through the application. This application is based on **Android Operating System**.

This application is targeted to any people who'd like to listen and want to request their favorite music through the application in a certain location and it will be listed before the song going to be played. The user will be asked to log in & register first before they can request a song in the SR application.

Note

- This project include the SRMobile java class code, activity_main.xml & layout blueprint, interface output for each operation (design), input-process-output overflow from splashscreen – login – register – main menu.
- In this project, the backed system is stored in the free hosting that I already create which is https://srmobileapp.000webhostapp.com/ by using free hosting from 000webhost.com
- And for the PHPMYADMIN, I also screenshot the picture of PHPMYADMIN in this documentation below
- The code is error free from the splash screen until the main menu.
- In the main menu, you can see there are some location that determine the place of each area. When you click each area, then it will open the area activity page where you can see the detail of the area including the information about the area itself and also the song that you can request in that area.
- You can click the song if you want to request it and click button request if you already sure about that.
- Then the requested song will be shown in the cart list in the main menu.
- I have done my best up until now, even it's not implementing some advance feature like google maps, sensor, etc. But, I'm quite satisfied with my work for this project.

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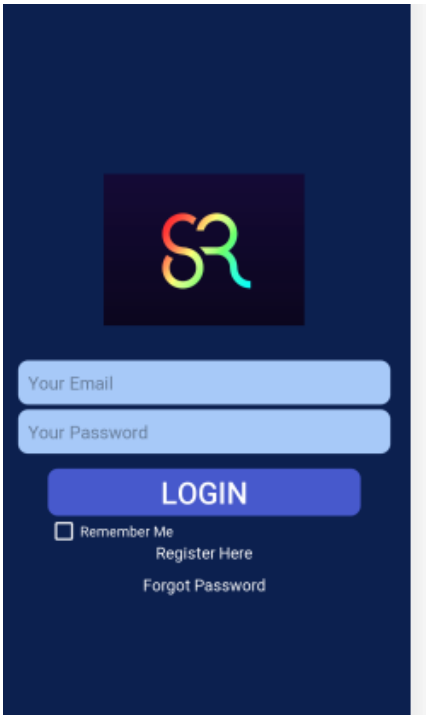
Splash Screen

Login Screen



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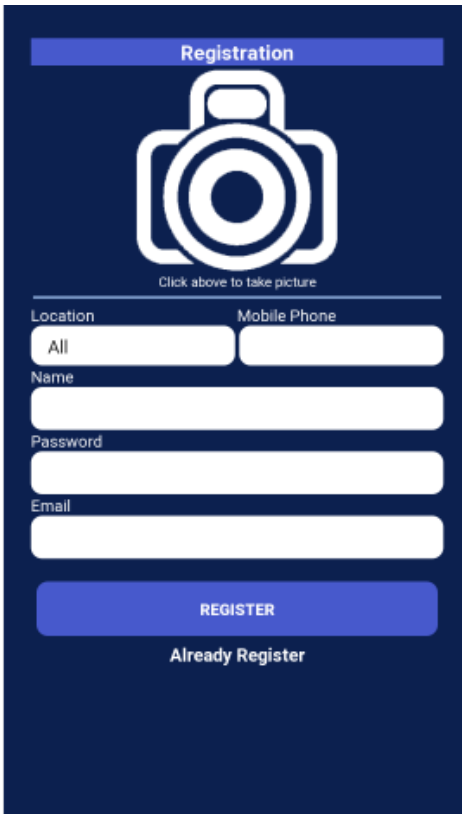
Register Screen



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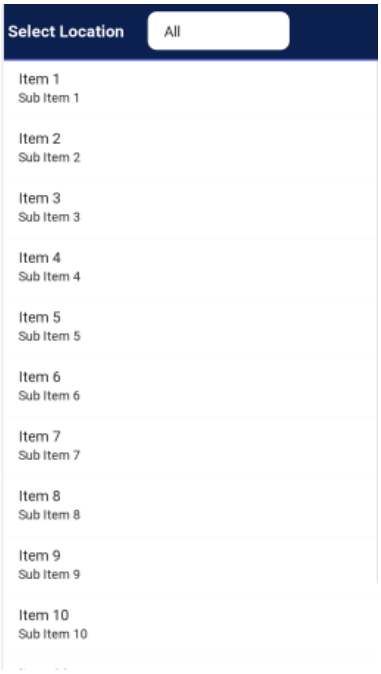
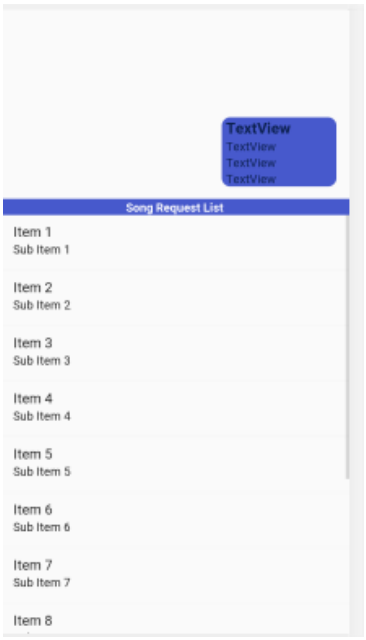
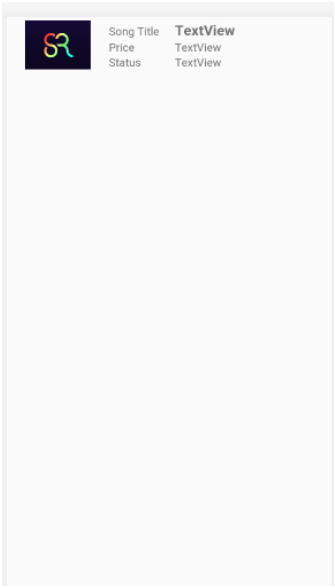
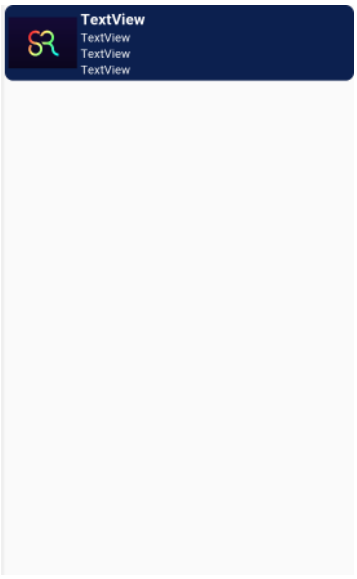
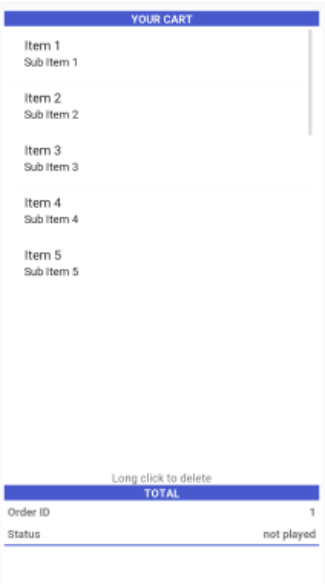
Main Layout

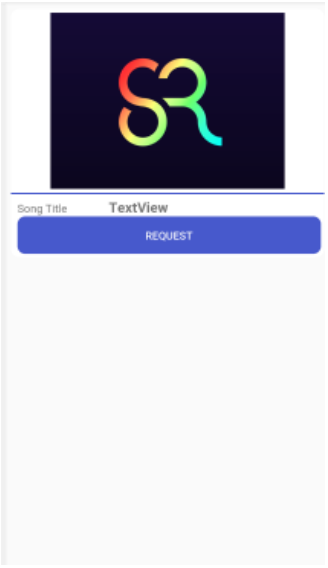












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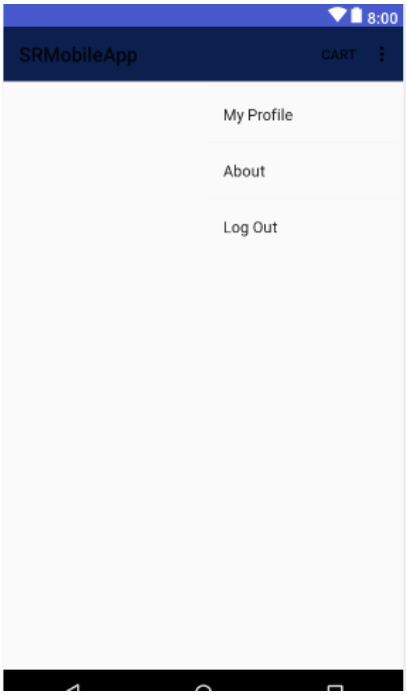

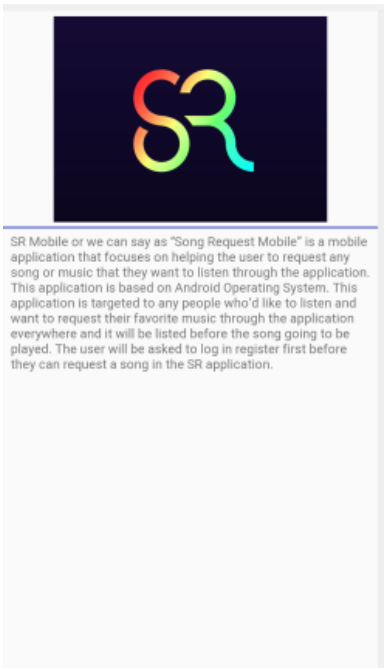

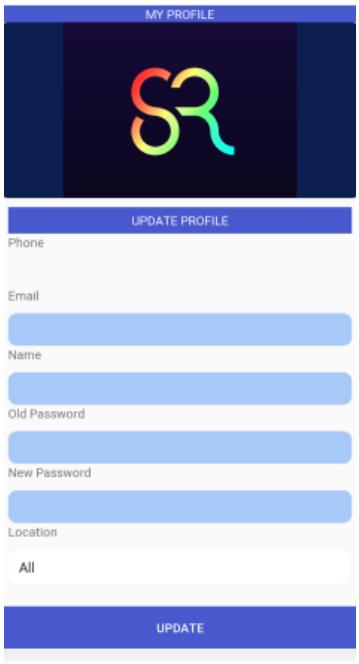

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Java class code (All code error free)

User.java

```
package com.example.srmobileapp;

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;
    }
}
```

SplashActivity.java

```
package com.example.srmobileapp;

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(20);
                    }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
    }
}
```

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RequestHandler.java

```
package com.example.srmobileapp;

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();
    }
}
```

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Login.java

```
package com.example.srmobileapp;

import android.app.Dialog;
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, tvforgot;
    EditText edemail,edpassword;
    Button btnlogin;
    SharedPreferences sharedPreferences;
    CheckBox cbrem;
    Dialog dialogforgotpass;

    @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);
        tvforgot = findViewById(R.id.tvforgot);
        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);
                }
            }
        });
        tvforgot.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                forgotPasswordDialog();
            }
        });
        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://srmobileapp.000webhostapp.com/php/login.php",hashMap);
                return s;
            }

            @Override
            protected void onPostExecute(String s) {
                super.onPostExecute(s);
                loading.dismiss();
                if(s.equalsIgnoreCase("success")){
                    Toast.makeText(LoginActivity.this, s, Toast.LENGTH_LONG).show();
                    Intent intent = new Intent(LoginActivity.this,MainActivity.class);
                    startActivity(intent);
                }else{
                    Toast.makeText(LoginActivity.this, "Login Failed", Toast.LENGTH_LONG).show();
                }
            }
        }
        LoginUser loginUser = new LoginUser();
        loginUser.execute();
    }


    void forgotPasswordDialog(){
        dialogforgotpass = new Dialog(this,
android.R.style.Theme_DeviceDefault_Light_Dialog_NoActionBar_MinWidth);//Theme_DeviceDefault_Dialog_NoActionBar
        dialogforgotpass.setContentView(R.layout.forgot_password);
        dialogforgotpass.getWindow().setBackgroundDrawableResource(android.R.color.transparent);
        final EditText edemail = dialogforgotpass.findViewById(R.id.edtEmail);
        Button btnsendemail = dialogforgotpass.findViewById(R.id.btnsendemail);
        btnsendemail.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String forgotemail =  edemail.getText().toString();
                sendPassword(forgotemail);
            }
        });
        dialogforgotpass.show();

    }

    private void sendPassword(final String forgotemail) {
        class SendPassword extends AsyncTask<Void,String,String>{

            @Override
            protected String doInBackground(Void... voids) {
                HashMap<String,String> hashMap = new HashMap();
                hashMap.put("email",forgotemail);
                RequestHandler rh = new RequestHandler();
                String s =
rh.sendPostRequest("http://srmobileapp.000webhostapp.com/php/verify_email.php",hashMap);
```

```
                return s;
            }
            @Override
            protected void onPostExecute(String s) {
                super.onPostExecute(s);
                if (s.equalsIgnoreCase("success")){
                    Toast.makeText(LoginActivity.this, "Success. Check your email", Toast.LENGTH_LONG).show();
                    dialogforgotpass.dismiss();
                }else{
                    Toast.makeText(LoginActivity.this, "Failed", Toast.LENGTH_SHORT).show();
                }
            }
        }
        SendPassword sendPassword = new SendPassword();
        sendPassword.execute();
    }
}
```

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Register.java

```
package com.example.srmobileapp;

import android.app.AlertDialog;
import android.app.ProgressDialog;
import android.content.Context;
import android.content.ContextWrapper;
import android.content.DialogInterface;
import android.content.Intent;
import android.graphics.Bitmap;
import android.graphics.BitmapFactory;
import android.media.ThumbnailUtils;
import android.os.AsyncTask;
import android.os.Bundle;
import android.provider.MediaStore;
import android.support.v7.app.AppCompatActivity;
import android.util.Base64;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.Spinner;
import android.widget.TextView;
import android.widget.Toast;

import java.io.ByteArrayOutputStream;
import java.io.File;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.io.IOException;
import java.util.HashMap;

public class RegisterActivity extends AppCompatActivity {
Spinner sploc;
EditText edEmail,edPass,edPhone,edName;
Button btnReg;
TextView tvlogin;
ImageView imgprofile;
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);
            }
        });
        imgprofile.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                dialogTakePicture();
            }
        });
    }

    private void dialogTakePicture() {
        AlertDialog.Builder alertDialogBuilder = new AlertDialog.Builder(this);
        alertDialogBuilder.setTitle(this.getResources().getString(R.string.dialogtakepicture));

        alertDialogBuilder
                .setMessage(this.getResources().getString(R.string.dialogtakepicturea))
                .setCancelable(false)
                .setPositiveButton(this.getResources().getString(R.string.yesbutton),new
DialogInterface.OnClickListener() {
                    public void onClick(DialogInterface dialog,int id) {
                        Intent takePictureIntent = new Intent(MediaStore.ACTION_IMAGE_CAPTURE);
                        if (takePictureIntent.resolveActivity(getPackageManager()) != null) {
                            startActivityForResult(takePictureIntent, 1);
```

```
                        }
                    }
                })
                .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();
    }

    @Override
    protected void onActivityResult(int requestCode, int resultCode, Intent data) {

        if (requestCode == 1 && resultCode == RESULT_OK) {
            Bundle extras = data.getExtras();
            Bitmap imageBitmap = (Bitmap) extras.get("data");
            imageBitmap = ThumbnailUtils.extractThumbnail(imageBitmap,400,500);
            imgprofile.setImageBitmap(imageBitmap);
            imgprofile.buildDrawingCache();
            ContextWrapper cw = new ContextWrapper(this);
            File pictureFileDir = cw.getDir("basic", Context.MODE_PRIVATE);
            if (!pictureFileDir.exists()) {
                pictureFileDir.mkdir();
            }
            Log.e("FILE NAME", "" + pictureFileDir.toString());
            if (!pictureFileDir.exists() && !pictureFileDir.mkdirs()) {
                return;
            }
            FileOutputStream outStream = null;
            String photoFile = "profile.jpg";
            File outFile = new File(pictureFileDir, photoFile);
            try {
                outStream = new FileOutputStream(outFile);
                imageBitmap.compress(Bitmap.CompressFormat.JPEG, 100, outStream);
                outStream.flush();
                outStream.close();
                //hasimage = true;
            } catch (FileNotFoundException e) {
                e.printStackTrace();
            } catch (IOException e) {
                e.printStackTrace();
            }
        }
    }

    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://srmobileapp.000webhostapp.com/php/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();
                        new Encode_image().execute(getDir(),user.phone+".jpg");
                        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();
    }

    public String getDir(){
        ContextWrapper cw = new ContextWrapper(this);
        File pictureFileDir = cw.getDir("basic", Context.MODE_PRIVATE);
        if (!pictureFileDir.exists()) {
            pictureFileDir.mkdir();
        }
        Log.d("GETDIR",pictureFileDir.getAbsolutePath());
        return pictureFileDir.getAbsolutePath()+"/profile.jpg";
    }

    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);
        imgprofile = findViewById(R.id.imageView);
    }

    public class Encode_image extends AsyncTask<String,String,Void> {
        private String encoded_string, image_name;
```

```
        Bitmap bitmap;

        @Override
        protected Void doInBackground(String... args) {
            String filname = args[0];
            image name = args[1];
            bitmap = BitmapFactory.decodeFile(filname);
            ByteArrayOutputStream stream = new ByteArrayOutputStream();
            bitmap.compress(Bitmap.CompressFormat.JPEG, 90, stream);
            byte[] array = stream.toByteArray();
            encoded_string = Base64.encodeToString(array, 0);
            return null;
        }

        @Override
        protected void onPostExecute(Void avoid) {
            makeRequest(encoded string, image name);
        }

        private void makeRequest(final String encoded_string, final String image_name) {
            class UploadAll extends AsyncTask<Void, Void, String> {
                @Override
                protected void onPreExecute() {
                    super.onPreExecute();
                }

                @Override
                protected String doInBackground(Void... params) {
                    HashMap<String, String> map = new HashMap<>();
                    map.put("encoded_string", encoded_string);
                    map.put("image_name", image_name);
                    RequestHandler rh = new RequestHandler();//request server connection
                    String s = rh.sendPostRequest("https://srmobileapp.000webhostapp.com/php/upload_image.php",
map);
                    return s;
                }

                @Override
                protected void onPostExecute(String s) {
                    super.onPostExecute(s);
                    if (s.equalsIgnoreCase("Success")) {
                        insertData();
                        // Toast.makeText(RegisterActivity.this, "Success Upload Image",
Toast.LENGTH SHORT).show();
                    }else{
                        Toast.makeText(RegisterActivity.this, "Failed Registration",
Toast.LENGTH_SHORT).show();
                    }
                }
            }
            UploadAll uploadall = new UploadAll();
            uploadall.execute();
        }
    }
}
```

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MainActivity.java

```
package com.example.srmobileapp;

import android.app.AlertDialog;
import android.app.Dialog;
import android.content.DialogInterface;
import android.content.Intent;
import android.os.AsyncTask;
import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.util.Log;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.AdapterView;
import android.widget.Button;
import android.widget.ListAdapter;
import android.widget.ListView;
import android.widget.SimpleAdapter;
import android.widget.Spinner;
import android.widget.TextView;
import android.widget.Toast;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.util.ArrayList;
import java.util.HashMap;

public class MainActivity extends AppCompatActivity {
    ListView lvarea;
    ArrayList<HashMap<String, String>> arealist;
    Spinner sploc;
    String userid,name,phone;
    Dialog myDialogCart,myDialogHistory;
    ArrayList<HashMap<String, String>> cartlist;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        lvarea = findViewById(R.id.listviewArea);
        sploc = findViewById(R.id.spinner);
        //user
        Intent intent = getIntent();
        Bundle bundle = intent.getExtras();
        userid = bundle.getString("userid");
        name = bundle.getString("name");
        phone = bundle.getString("phone");
        loadArea(sploc.getSelectedItem().toString());
        lvarea.setOnItemClickListener(new AdapterView.OnItemClickListener() {
            @Override
            public void onItemClick(AdapterView<?> parent, View view, int position, long id) {

                Intent intent = new Intent(MainActivity.this, AreaActivity.class);
                Bundle bundle = new Bundle();
                bundle.putString("area",arealist.get(position).get("area"));
                bundle.putString("name",arealist.get(position).get("name"));
                bundle.putString("phone",arealist.get(position).get("phone"));
                bundle.putString("address",arealist.get(position).get("address"));
                bundle.putString("location",arealist.get(position).get("location"));
                bundle.putString("userid",userid);
                bundle.putString("userphone",phone);
                intent.putExtras(bundle);
                startActivity(intent);
            }
        });

        sploc.setSelection(0,false);
        sploc.setOnItemSelectedListener(new AdapterView.OnItemSelectedListener() {
            @Override
            public void onItemSelected(AdapterView<?> parent, View view, int position, long id) {
                loadArea(sploc.getSelectedItem().toString());
            }

            @Override
            public void onNothingSelected(AdapterView<?> parent) {

            }
        });
```

```
    }

    private void loadArea(final String loc) {
        class loadArea 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();
                arealist = new ArrayList<>();
                String s = rh.sendPostRequest
                        ("https://srmobileapp.000webhostapp.com/php/load_area.php",hashMap);
                return s;
            }

            @Override
            protected void onPostExecute(String s) {
                super.onPostExecute(s);
                //Toast.makeText(MainActivity.this, s, Toast.LENGTH_LONG).show();
                arealist.clear();
                    try{
                        JSONObject jsonObject = new JSONObject(s);
                        JSONArray areaarray = jsonObject.getJSONArray("area");
                        Log.e("RANDY",jsonObject.toString());
                        for (int i=0;i<areaarray.length();i++){
                            JSONObject c = areaarray.getJSONObject(i);
                            String rid = c.getString("area");
                            String rname = c.getString("name");
                            String rphone = c.getString("phone");
                            String raddress = c.getString("address");
                            String rlocation = c.getString("location");
                            HashMap<String,String> arealisthash = new HashMap<>();
                            arealisthash.put("area",rid);
                            arealisthash.put("name",rname);
                            arealisthash.put("phone",rphone);
                            arealisthash.put("address",raddress);
                            arealisthash.put("location",rlocation);
                            arealist.add(arealisthash);
                        }
                    }catch (final JSONException e){
                        Log.e("JSONERROR",e.toString());
                    }

                    ListAdapter adapter = new SimpleAdapter(
                            MainActivity.this, arealist,
                            R.layout.cust_list_area, new String[]
                            {"name","phone","address","location"}, new int[]
                            {R.id.textView,R.id.textView2,R.id.textView3,R.id.textView4});
                    lvarea.setAdapter(adapter);
                }

        }
        loadArea loadArea = new loadArea();
        loadArea.execute();
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar if it is present.
        getMenuInflater().inflate(R.menu.main_menu, menu);
        return true;
    }

    public boolean onOptionsItemSelected(MenuItem item) {
        // Handle item selection
        switch (item.getItemId()) {
            case R.id.mycart:
                loadCartWindow();
                return true;
            case R.id.myprofile:
                Intent intent = new Intent(MainActivity.this,ProfileActivity.class);
                startActivity(intent);
                return true;
            case R.id.logout:
                intent = new Intent(MainActivity.this, LoginActivity.class);
                startActivity(intent);
                return true;
            case R.id.about:
                intent = new Intent(MainActivity.this, AboutActivity.class);
```

```
                startActivity(intent);
                return true;
            default:
                return super.onOptionsItemSelected(item);
        }
    }

    //cart
    private void loadCartWindow() {
        myDialogCart = new Dialog(this,
android.R.style.Theme_DeviceDefault_Light_Dialog_NoActionBar_MinWidth);//Theme_DeviceDefault_Dialog_NoActionBar
        myDialogCart.setContentView(R.layout.cart_window);
        myDialogCart.getWindow().setBackgroundDrawableResource(android.R.color.transparent);
        ListView lvcart = myDialogCart.findViewById(R.id.lvmycart);
        TextView tvorderid = myDialogCart.findViewById(R.id.textOrderId);
        Log.e("RANDY","SIZE:"+cartlist.size());
        lvcart.setOnItemLongClickListener(new AdapterView.OnItemLongClickListener() {
            @Override
            public boolean onItemLongClick(AdapterView<?> parent, View view, int position, long id) {
                dialogDeleteFood(position);
                return false;
            }
        });
        tvorderid.setText(cartlist.get(1).get("orderid"));
        myDialogCart.show();

    }

    private void dialogDeleteFood(final int position) {
        AlertDialog.Builder alertDialogBuilder = new AlertDialog.Builder(this);
        alertDialogBuilder.setTitle("Delete Song "+cartlist.get(position).get("songtitle")+"?");
        alertDialogBuilder
                .setMessage("Are you sure")
                .setCancelable(false)
                .setPositiveButton("Yes", new DialogInterface.OnClickListener() {
                    public void onClick(DialogInterface dialog, int id) {

                        // Toast.makeText(MainActivity.this, cartlist.get(position).get("songtitle"),
Toast.LENGTH_SHORT).show();
                        deleteCartFood(position);
                    }
                })
                .setNegativeButton("No", new DialogInterface.OnClickListener() {
                    public void onClick(DialogInterface dialog, int id) {
                        dialog.cancel();
                    }
                });
        AlertDialog alertDialog = alertDialogBuilder.create();
        alertDialog.show();
    }

    private void deleteCartFood(final int position) {
        class DeleteCartFood extends AsyncTask<Void,Void,String>{

            @Override
            protected String doInBackground(Void... voids) {
                String songid = cartlist.get(position).get("songid");
                HashMap<String,String> hashMap = new HashMap<>();
                hashMap.put("songid",songid);
                hashMap.put("userid",userid);
                RequestHandler requestHandler = new RequestHandler();
                String s =
requestHandler.sendPostRequest("http://srmobileapp.000webhostapp.com/php/delete_cart.php",hashMap);
                return s;
            }
            @Override
            protected void onPostExecute(String s) {
                super.onPostExecute(s);
                if (s.equalsIgnoreCase("success")){
                    myDialogCart.dismiss();
                    loadCartData();
                    Toast.makeText(MainActivity.this, "Success", Toast.LENGTH_SHORT).show();
                }else{
                    Toast.makeText(MainActivity.this, "Failed", Toast.LENGTH_SHORT).show();
                }
            }
        }
        DeleteCartFood deleteCartFood = new DeleteCartFood();
        deleteCartFood.execute();
    }
```

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```
    private void loadCartData() {
        class LoadCartData extends AsyncTask<Void,Void,String>{

            @Override
            protected String doInBackground(Void... voids) {
                HashMap<String,String> hashMap = new HashMap<>();
                hashMap.put("userid",userid);
                RequestHandler rh = new RequestHandler();
                String s =
rh.sendPostRequest("http://srmobileapp.000webhostapp.com/php/load_cart.php",hashMap);
                return s;
            }

            @Override
            protected void onPostExecute(String s) {
                cartlist.clear();
                try{
                    JSONObject jsonObject = new JSONObject(s);
                    JSONArray cartarray = jsonObject.getJSONArray("cart");

                    for (int i=0;i<cartarray .length();i++) {
                        JSONObject c = cartarray .getJSONObject(i);
                        String jfid = c.getString("songid");
                        String jfn = c.getString("songtitle");
                        String jst = c.getString("status");
                        String joid = c.getString("orderid");
                        HashMap<String,String> cartlisthash = new HashMap<>();
                        cartlisthash .put("songid",jfid);
                        cartlisthash .put("songtitle",jfn);
                        cartlisthash .put("status",jst);
                        cartlisthash .put("orderid",joid);
                        cartlist.add(cartlisthash);

                    }
                }catch (JSONException e){}
                super.onPostExecute(s);
                loadCartWindow();


            }
        }
        LoadCartData loadCartData = new LoadCartData();
        loadCartData.execute();
    }
}
```

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AreaActivity.java

```
package com.example.srmobileapp;

import android.app.AlertDialog;
import android.app.Dialog;
import android.content.DialogInterface;
import android.content.Intent;
import android.hardware.Camera;
import android.os.AsyncTask;
import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.view.MenuItem;
import android.view.View;
import android.widget.AdapterView;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.ListAdapter;
import android.widget.ListView;
import android.widget.SimpleAdapter;
import android.widget.Spinner;
import android.widget.TextView;
import android.widget.Toast;

import com.squareup.picasso.MemoryPolicy;
import com.squareup.picasso.NetworkPolicy;
import com.squareup.picasso.Picasso;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.util.ArrayList;
import java.util.HashMap;
import java.util.List;

public class AreaActivity extends AppCompatActivity {
TextView tvrname,tvrphone,tvraddress,tvrloc;
ImageView imgArea;
ListView lvsong;
ArrayList<HashMap<String, String>> songlist;


    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_area);
        Intent intent = getIntent();
        Bundle bundle = intent.getExtras();
        String areaid = bundle.getString("area");
        String rname = bundle.getString("name");
        String rphone = bundle.getString("phone");
        String raddress = bundle.getString("address");
        String rlocation = bundle.getString("location");
        initView();
        tvrname.setText(rname);
        tvraddress.setText(raddress);
        tvrphone.setText(rphone);
        tvrloc.setText(rlocation);
        getSupportActionBar().setDisplayHomeAsUpEnabled(true);
        Picasso.with(this).load("https://srmobileapp.000webhostapp.com/images/"+areaid+".jpg")
                .memoryPolicy(MemoryPolicy.NO_CACHE).networkPolicy(NetworkPolicy.NO_CACHE)
                .fit().into(imgArea);

        lvsong.setOnItemClickListener(new AdapterView.OnItemClickListener() {
            @Override
            public void onItemClick(AdapterView<?> parent, View view, int position, long id) {

                showSongDetail(position);
            }
        });
        loadSongs(areaid);

    }

    private void showSongDetail(int p) {
            final Dialog myDialogWindow = new Dialog(this,
android.R.style.Theme_DeviceDefault_Light_Dialog_NoActionBar_MinWidth);//Theme_DeviceDefault_Dialog_NoActionBar
            myDialogWindow.setContentView(R.layout.dialog_window);
            myDialogWindow.getWindow().setBackgroundDrawableResource(android.R.color.transparent);
```

```
            TextView tvfname;
            ImageView imgsong = myDialogWindow.findViewById(R.id.imageViewSong);
            Button btnrequest = myDialogWindow.findViewById(R.id.button2);
            tvfname= myDialogWindow.findViewById(R.id.textView12);
            tvfname.setText(songlist.get(p).get("songtitle"));
            String songid =(songlist.get(p).get("songid"));
            final String songtitle = songlist.get(p).get("songtitle");
            btnrequest.setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    dialogRequest(songtitle,"available");

                }
            });

//            List<String> list = new ArrayList<String>();
//            ArrayAdapter<String> dataAdapter = new ArrayAdapter<String>(this,
//                android.R.layout.simple_spinner_item, list);
//            dataAdapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
//            spquan.setAdapter(dataAdapter);
//
            Picasso.with(this).load("https://srmobileapp.000webhostapp.com/songimages/"+songid+".jpg")
                .memoryPolicy(MemoryPolicy.NO_CACHE).networkPolicy(NetworkPolicy.NO_CACHE)
                .fit().into(imgsong);
            myDialogWindow.show();
    }

    private void dialogRequest(final String fn, final String q) {
        AlertDialog.Builder alertDialogBuilder = new AlertDialog.Builder(this);
        alertDialogBuilder.setTitle("Request "+fn+ " with status "+q);

        alertDialogBuilder
                .setMessage("Are you sure")
                .setCancelable(false)
                .setPositiveButton("Yes", new DialogInterface.OnClickListener() {
                    public void onClick(DialogInterface dialog, int id) {
                        Toast.makeText(AreaActivity.this, "You have requested this song and wait for the song
to be played", Toast.LENGTH_LONG).show();

                    }
                })
                .setNegativeButton("No", new DialogInterface.OnClickListener() {
                    public void onClick(DialogInterface dialog, int id) {
                        dialog.cancel();
                    }
                });
        AlertDialog alertDialog = alertDialogBuilder.create();
        alertDialog.show();
    }

    private void loadSongs(final String areaid) {
        class loadSong extends AsyncTask<Void,Void,String>{

            @Override
            protected String doInBackground(Void... voids) {
                HashMap<String,String> hashMap = new HashMap<>();
                hashMap.put("areaid",areaid);
                RequestHandler requestHandler = new RequestHandler();
                String s =
requestHandler.sendPostRequest("https://srmobileapp.000webhostapp.com/php/load_song.php",hashMap);
                return s;
            }
            @Override
            protected void onPostExecute(String s) {
                super.onPostExecute(s);
                songlist.clear();
                try {
                    JSONObject jsonObject = new JSONObject(s);
                    JSONArray songarray = jsonObject.getJSONArray("song");
                    for (int i = 0; i < songarray.length(); i++) {
                        JSONObject c = songarray.getJSONObject(i);
                        String jsid = c.getString("songid");
                        String jstitle = c.getString("songtitle");
                        HashMap<String,String> songlisthash = new HashMap<>();
                        songlisthash.put("songid",jsid);
                        songlisthash.put("songtitle",jstitle);
                        songlist.add(songlisthash);
                    }
                }catch(JSONException e){}
                ListAdapter adapter = new SimpleAdapter(
                        AreaActivity.this, songlist,
```

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```
                        R.layout.song_list, new String[]
                        {"songtitle","songprice","songstatus"}, new int[]
                        {R.id.textView,R.id.textView2,R.id.textView3});
                lvsong.setAdapter(adapter);

            }
        }
        loadSong loadSong = new loadSong();
        loadSong.execute();
    }

    private void initView() {
        imgArea = findViewById(R.id.imageView3);
        tvrname = findViewById(R.id.textView6);
        tvrphone = findViewById(R.id.textView7);
        tvraddress = findViewById(R.id.textView8);
        tvrloc = findViewById(R.id.textView9);
        lvsong = findViewById(R.id.listviewsong);
        songlist = new ArrayList<>();
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        switch (item.getItemId()) {
            case android.R.id.home:
                Intent intent = new Intent(AreaActivity.this,MainActivity.class);
                intent.setFlags(Intent.FLAG_ACTIVITY_NO_HISTORY);
                startActivity(intent);
                this.finish();
                return true;
            default:
                return super.onOptionsItemSelected(item);
        }
    }
}
```

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ProfileActivity.java

```
package com.example.srmobileapp;


import android.app.AlertDialog;
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.MenuItem;
import android.view.View;
import android.view.WindowManager;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageButton;
import android.widget.ImageView;
import android.widget.Spinner;
import android.widget.TextView;
import android.widget.Toast;

import com.squareup.picasso.Picasso;

import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;

import java.util.HashMap;

public class ProfileActivity extends AppCompatActivity {
    String userid, name, phone, location;
    Spinner sploc;
    TextView tvphone,tvlocation;
    EditText tvuserid, tvname, edoldpass, ednewpass;
    ImageView imgprofile;
    Button btnUpdate;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_profile);
        Intent intent = getIntent();
        Bundle bundle = intent.getExtras();
        tvuserid = findViewById(R.id.txtemail);
        tvname = findViewById(R.id.txtUsername);
        tvphone = findViewById(R.id.txtphone);
        edoldpass = findViewById(R.id.txtoldpassword);
        ednewpass = findViewById(R.id.txtnewpassword);
        sploc = findViewById(R.id.spinLoc);
        btnUpdate = findViewById(R.id.button5);
        userid = bundle.getString("userid");//email
        name = bundle.getString("username");  //full name
        phone = bundle.getString("phone"); //phone

        tvphone.setText(phone);
        String image_url = "http://srmobileapp.000webhostapp.com/profileimages/" + phone + ".jpg";
        Picasso.with(this).load(image_url)
                .resize(400, 400).into(imgprofile);
        getSupportActionBar().setDisplayHomeAsUpEnabled(true);
        loadUserProfile();
        btnUpdate.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String newemail = tvuserid.getText().toString();
                String newname = tvname.getText().toString();
                String oldpass = edoldpass.getText().toString();
                String newpass = ednewpass.getText().toString();
                String newloc = sploc.getSelectedItem().toString();
                dialogUpdate(newemail, newname, newloc, oldpass, newpass);

            }
        });
        this.getWindow().setSoftInputMode(WindowManager.LayoutParams.SOFT_INPUT_STATE_ALWAYS_HIDDEN);

    }


    public boolean onOptionsItemSelected(MenuItem item) {
        switch (item.getItemId()) {
            case android.R.id.home:
```

```
                Intent intent = new Intent(ProfileActivity.this, MainActivity.class);
                Bundle bundle = new Bundle();
                bundle.putString("userid", userid);
                bundle.putString("name", name);
                bundle.putString("phone", phone);
                intent.putExtras(bundle);
                intent.setFlags(Intent.FLAG_ACTIVITY_NO_HISTORY);
                startActivity(intent);
                this.finish();
                return true;
            default:
                return super.onOptionsItemSelected(item);
        }
    }

    void loadUserProfile() {
        class LoadUserProfile extends AsyncTask<Void, Void, String> {

            @Override
            protected String doInBackground(Void... voids) {
                HashMap<String, String> hashMap = new HashMap<>();
                hashMap.put("userid", phone);
                RequestHandler rh = new RequestHandler();
                String s = rh.sendPostRequest("http://srmobileapp.000webhostapp.com/php/load_user.php",
hashMap);
                return s;
            }

            @Override
            protected void onPostExecute(String s) {
                super.onPostExecute(s);
                //Toast.makeText(ProfileActivity.this, s, Toast.LENGTH_SHORT).show();
                try {
                    JSONObject jsonObject = new JSONObject(s);
                    JSONArray restarray = jsonObject.getJSONArray("user");
                    JSONObject c = restarray.getJSONObject(0);
                    name = c.getString("name");
                    userid = c.getString("email");
                    location = c.getString("location");
                } catch (JSONException e) {

                }
                //Log.e("LOC",location);
                for (int i = 0; i < sploc.getCount(); i++) {
                    if (sploc.getItemAtPosition(i).toString().equalsIgnoreCase(location)) {
                        sploc.setSelection(i);
                    }
                }
                tvuserid.setText(userid);
                tvname.setText(name);

            }
        }
        LoadUserProfile loadUserProfile = new LoadUserProfile();
        loadUserProfile.execute();
    }

    void updateProfile(final String newemail, final String newname, final String newloc, final String oldpass,
final String newpass) {
        class UpdateProfile extends AsyncTask<Void, Void, String> {

            @Override
            protected String doInBackground(Void... voids) {
                HashMap<String, String> hashMap = new HashMap<>();
                hashMap.put("email", newemail);
                hashMap.put("name", newname);
                hashMap.put("phone", phone);
                hashMap.put("opassword", oldpass);
                hashMap.put("npassword", newpass);
                hashMap.put("newloc", newloc);
                RequestHandler rh = new RequestHandler();
                String s = rh.sendPostRequest("http://srmobileapp.000webhostapp.com/php/update_profile.php",
hashMap);
                return s;
            }

            @Override
            protected void onPostExecute(String s) {
                super.onPostExecute(s);
                if (s.equalsIgnoreCase("success")) {
                    Toast.makeText(ProfileActivity.this, "Success", Toast.LENGTH_SHORT).show();
```

```
                    Intent intent = new Intent(ProfileActivity.this, MainActivity.class);
                    Bundle bundle = new Bundle();
                    bundle.putString("userid", userid);
                    bundle.putString("name", name);
                    bundle.putString("phone", phone);
                    intent.putExtras(bundle);
                    intent.setFlags(Intent.FLAG_ACTIVITY_NO_HISTORY);
                    startActivity(intent);
                } else {
                    Toast.makeText(ProfileActivity.this, "Failed", Toast.LENGTH_SHORT).show();
                }
            }
        }
        UpdateProfile updateProfile = new UpdateProfile();
        updateProfile.execute();
    }

    private void dialogUpdate(final String newemail, final String newname, final String newloc, final String
oldpass, final String newpass) {
        AlertDialog.Builder alertDialogBuilder = new AlertDialog.Builder(this);
        alertDialogBuilder.setTitle("Profile");

        alertDialogBuilder
                .setMessage("Update this profile")
                .setCancelable(false)
                .setPositiveButton("Yes",new DialogInterface.OnClickListener() {
                    public void onClick(DialogInterface dialog,int id) {
                        updateProfile(newemail, newname, newloc, oldpass, newpass);
                    }
                })
                .setNegativeButton("No",new DialogInterface.OnClickListener() {
                    public void onClick(DialogInterface dialog,int id) {
                        dialog.cancel();
                    }
                });
        AlertDialog alertDialog = alertDialogBuilder.create();
        alertDialog.show();
    }
}
```

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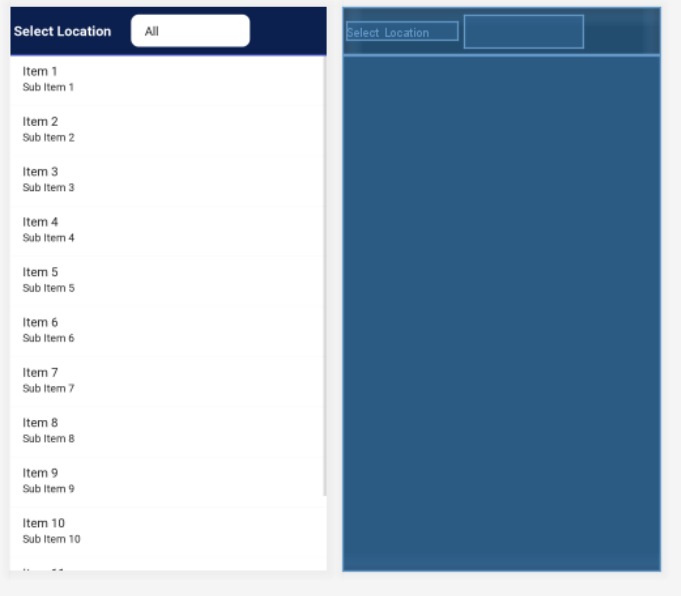
activity_main.xml & layout blueprint



Code:

```
<?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:background="@color/colorPrimary"
    android:orientation="vertical"
    tools:context=".MainActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        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="0.65"
            android:text="@string/selectlocation"
            android:textColor="@color/colorSub"
            android:textSize="18sp"
            android:textStyle="bold" />

        <Spinner
            android:id="@+id/spinner"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginLeft="10dp"
            android:layout_marginTop="10dp"
            android:layout_marginRight="100dp"
            android:layout_marginBottom="10dp"
            android:layout_weight="0.35"
            android:background="@drawable/edittextshape"
            android:entries="@array/location"
            android:padding="10dp" />

    </LinearLayout>
```

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```
    <View
        android:id="@+id/view"
        android:layout_width="match_parent"
        android:layout_height="2dp"
        android:background="@drawable/buttonsquare" />

    <ListView
        android:id="@+id/listviewRest"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:background="@color/colorSub" />

    <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" />
    </LinearLayout>
</LinearLayout>
```

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activity_area.xml & 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=".AreaActivity">

    <android.support.constraint.ConstraintLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content">

        <ImageView
            android:id="@+id/imageView3"
            android:layout_width="match_parent"
            android:layout_height="200dp"
            android:layout_marginStart="8dp"
            android:layout_marginTop="8dp"
            android:layout_marginEnd="8dp"
            android:layout_marginBottom="8dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.0"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="1.0" />

        <LinearLayout
            android:layout_width="135dp"
            android:layout_height="wrap_content"
            android:layout_marginStart="250dp"
            android:layout_marginTop="120dp"
            android:layout_marginEnd="4dp"
            android:layout_marginBottom="4dp"
            android:background="@drawable/buttonsquare"
            android:orientation="vertical"
            android:paddingLeft="5dp"
            android:paddingRight="2dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
```

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```
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent">

            <TextView
                android:id="@+id/textView6"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:text="TextView"
                android:textColor="@color/colorPrimary"
                android:textSize="18sp"
                android:textStyle="bold" />

            <TextView
                android:id="@+id/textView7"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:linksClickable="false"
                android:text="TextView"
                android:textColor="@color/colorPrimary"
                android:textColorLink="@color/colorSub" />

            <TextView
                android:id="@+id/textView8"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:text="TextView"
                android:textColor="@color/colorPrimary" />

            <TextView
                android:id="@+id/textView9"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:text="TextView"
                android:textColor="@color/colorPrimary" />
        </LinearLayout>
    </android.support.constraint.ConstraintLayout>

    <TextView
        android:id="@+id/textView10"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="5dp"
        android:background="@color/colorPrimaryDark"
        android:gravity="center"
        android:text="Song Request List"
        android:textColor="@color/colorSub"
        android:textStyle="bold" />

    <ListView
        android:id="@+id/listviewsong"
        android:layout_width="match_parent"
        android:layout_height="match_parent" />


</LinearLayout>
```

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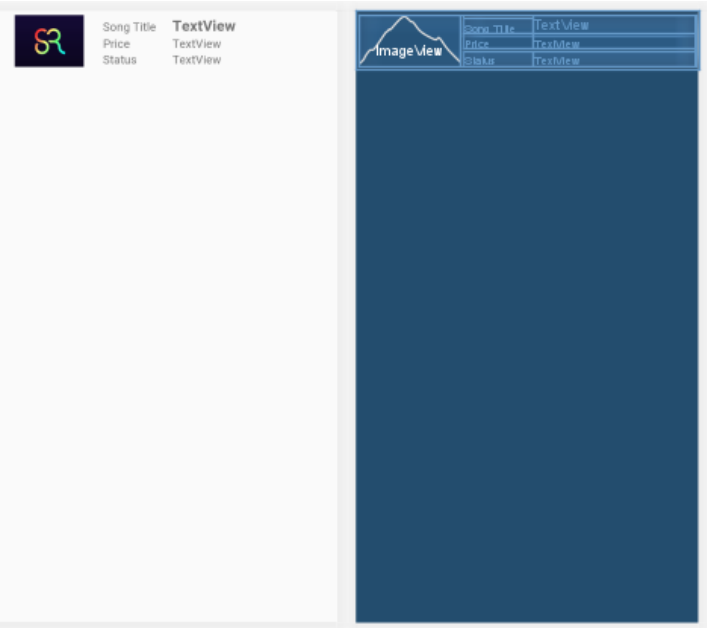
song_list.xml & layout blueprint




```
<?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="wrap_content"
    android:fillViewport="true"
    android:orientation="vertical">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="4dp"
        android:orientation="horizontal"
        android:weightSum="1">

        <ImageView
            android:id="@+id/imageView2"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_weight="0.7"
            app:srcCompat="@mipmap/srlogo" />

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="0.3"
            android:orientation="vertical"
            android:paddingLeft="4dp">

            <LinearLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:orientation="horizontal"
                android:weightSum="1">

                <TextView
                    android:id="@+id/textView11"
                    android:layout_width="match_parent"
```

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```
                    android:layout_height="wrap_content"
                    android:layout_weight="0.7"
                    android:text="Song Title" />

                <TextView
                    android:id="@+id/textView"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:layout_weight="0.3"
                    android:text="TextView"
                    android:textSize="18sp"
                    android:textStyle="bold" />

            </LinearLayout>

            <LinearLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:orientation="horizontal"
                android:weightSum="1">

                <TextView
                    android:id="@+id/textView15"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:layout_weight="0.7"
                    android:text="Price" />

                <TextView
                    android:id="@+id/textView2"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:layout_weight="0.3"
                    android:text="TextView" />
            </LinearLayout>

            <LinearLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:orientation="horizontal"
                android:weightSum="1">

                <TextView
                    android:id="@+id/textView16"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:layout_weight="0.7"
                    android:text="Status" />

                <TextView
                    android:id="@+id/textView3"
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:layout_weight="0.3"
                    android:text="TextView" />
            </LinearLayout>

        </LinearLayout>

    </LinearLayout>


</LinearLayout>
```

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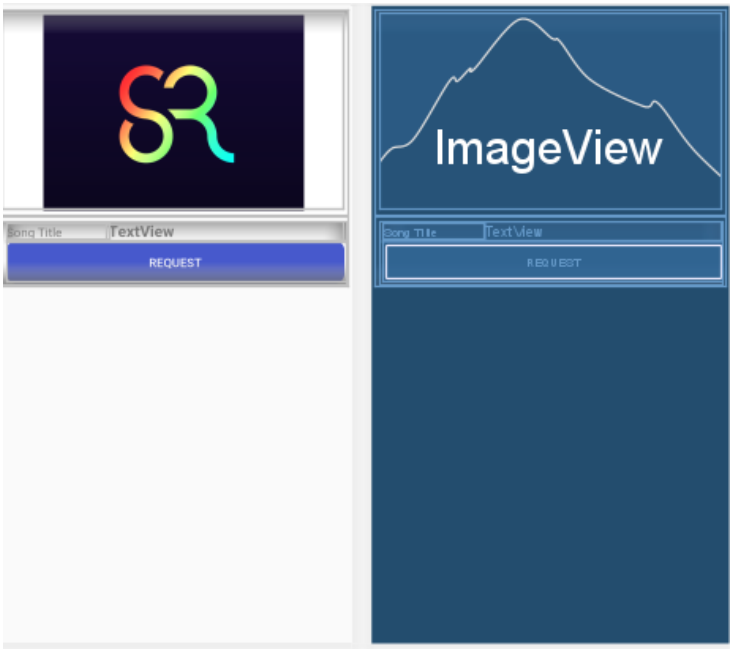
dialog_window.xml & layout blueprint




```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="5dp"
    android:background="@drawable/edittextshape"
    android:gravity="center"
    android:orientation="vertical">

    <ImageView
        android:id="@+id/imageViewSong"
        android:layout_width="match_parent"
        android:layout_height="225dp"
        android:layout_marginLeft="5dp"
        android:layout_marginTop="5dp"
        android:layout_marginRight="5dp"
        android:layout_marginBottom="5dp"
        android:src="@mipmap/srlogo" />

    <View
        android:id="@+id/view2"
        android:layout_width="match_parent"
        android:layout_height="2dp"
        android:background="@color/colorPrimaryDark" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_margin="4dp"
        android:layout_weight="0.3"
        android:orientation="vertical"
        android:paddingLeft="4dp">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="horizontal"
            android:weightSum="1">

            <TextView
                android:id="@+id/textView11"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="0.7"
```

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```
                android:text="Song Title" />

            <TextView
                android:id="@+id/textView12"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="0.3"
                android:text="TextView"
                android:textSize="18sp"
                android:textStyle="bold" />

        </LinearLayout>


        <Button
            android:id="@+id/button2"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:background="@drawable/buttonsquare"
            android:text="Request"
            android:textColor="@color/colorSub" />

    </LinearLayout>

</LinearLayout>
```

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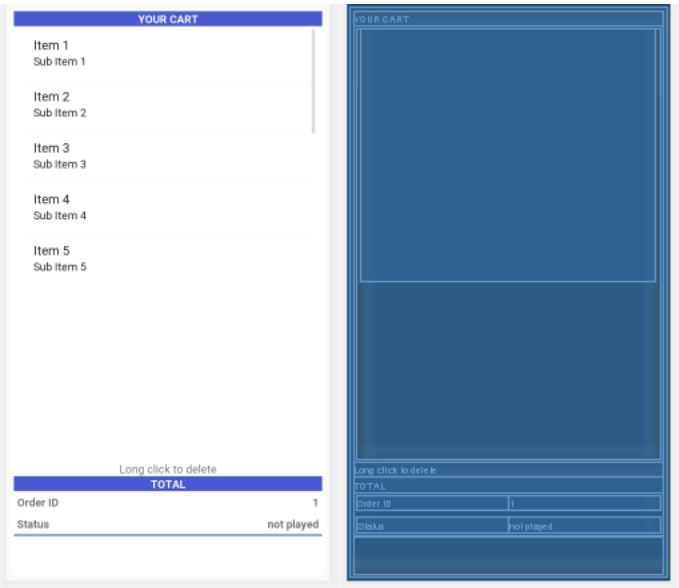
Cart_window.xml & layout blueprint




```
<?xml version="1.0" encoding="utf-8"?>
<ScrollView 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:layout_margin="5dp"
    android:fillViewport="true">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:background="@drawable/edittextshape"
        android:orientation="vertical"
        android:padding="4dp"
        android:weightSum="1">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_weight="0.2"
            android:orientation="vertical">

            <TextView
                android:id="@+id/textView17"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:background="@color/colorPrimaryDark"
                android:gravity="center"
                android:text="YOUR CART"
                android:textColor="@color/colorSub"
                android:textStyle="bold" />

            <LinearLayout
                android:layout_width="match_parent"
                android:layout_height="match_parent"
                android:layout_margin="4dp"
                android:orientation="horizontal"
                android:weightSum="1">

                <ImageView
                    android:id="@+id/imageView2"
                    android:layout_width="match_parent"
                    android:layout_height="70dp"
                    android:layout_weight="0.7"
                    app:srcCompat="@mipmap/srlogo" />

                <ListView
```

```
        android:id="@+id/lvmycart"
        android:layout_width="match_parent"
        android:layout_height="320dp"
        android:layout_marginLeft="5dp"
        android:layout_marginRight="5dp">

    </ListView>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_weight="0.3"
        android:orientation="vertical"
        android:paddingLeft="4dp">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="horizontal"
            android:weightSum="1">

            <TextView
                android:id="@+id/textView11"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="0.7"
                android:text="Song Title" />

            <TextView
                android:id="@+id/textView"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="0.3"
                android:text="Alan Walker - On My Way"
                android:textSize="18sp"
                android:textStyle="bold" />

        </LinearLayout>

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="horizontal"
            android:weightSum="1">

            <TextView
                android:id="@+id/textView15"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="0.7"
                android:text="Price" />

            <TextView
                android:id="@+id/textView2"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="0.3"
                android:text="-" />
        </LinearLayout>

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="horizontal"
            android:weightSum="1">

            <TextView
                android:id="@+id/textView16"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="0.7"
                android:text="Status" />

            <TextView
                android:id="@+id/textView3"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="0.3"
                android:text="not played" />
        </LinearLayout>

    </LinearLayout>
```

```
        </LinearLayout>

    </LinearLayout>

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_weight="0.8"
        android:orientation="vertical">

        <TextView
            android:id="@+id/textView21"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:gravity="center"
            android:text="Long click to delete" />

        <TextView
            android:id="@+id/textView18"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:background="@color/colorPrimaryDark"
            android:gravity="center"
            android:text="TOTAL"
            android:textColor="@color/colorSub"
            android:textStyle="bold" />

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_margin="4dp"
            android:layout_marginLeft="5dp"
            android:layout_marginRight="5dp"
            android:orientation="horizontal">

            <TextView
                android:id="@+id/textView19"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="1"
                android:text="Order ID"
                android:textSize="14sp"
                android:textStyle="bold" />

            <TextView
                android:id="@+id/textOrderId"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="1"
                android:gravity="right"
                android:text="1"
                android:textSize="14sp"
                android:textStyle="bold" />

        </LinearLayout>
        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_margin="4dp"
            android:layout_marginLeft="5dp"
            android:layout_marginRight="5dp"
            android:orientation="horizontal">

            <TextView
                android:id="@+id/textView22"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="1"
                android:text="Status"
                android:textSize="14sp"
                android:textStyle="bold" />

            <TextView
                android:id="@+id/textViewTotal"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="1"
                android:gravity="right"
                android:text="not played"
                android:textSize="14sp"
```

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```
                    android:textStyle="bold" />

            </LinearLayout>
            <View
                android:id="@+id/view3"
                android:layout_width="match_parent"
                android:layout_height="2dp"
                android:background="@color/colorPrimaryDark" />

        </LinearLayout>
    </LinearLayout>
</ScrollView>
```

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activity_profile.xml & layout blueprint

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollView 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:fillViewport="true"
    android:orientation="vertical"
    tools:context=".ProfileActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical"
        android:weightSum="1">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_weight="0.35"
            android:background="@color/colorSub"
            android:orientation="vertical">

            <TextView
                android:id="@+id/textView24"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:background="@color/colorPrimaryDark"
                android:gravity="center"
                android:text="MY PROFILE"
                android:textColor="@color/colorSub" />

            <ImageView
                android:id="@+id/imageView4"
                android:layout_width="match_parent"
                android:layout_height="200dp"
                android:layout_marginBottom="10dp"
                android:background="@drawable/buttonsquaredark"
                android:src="@mipmap/srlogo" />

        </LinearLayout>

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_marginLeft="10dp"
            android:layout_marginTop="10dp"
            android:layout_marginRight="10dp"
            android:layout_weight="0.2"
            android:orientation="vertical">
```

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```
<TextView
    android:id="@+id/textView33"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="0.7"
    android:background="@color/colorPrimaryDark"
    android:gravity="center"
    android:text="UPDATE PROFILE"
    android:textColor="@color/colorSub" />

<TextView
    android:id="@+id/textView25"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="0.7"
    android:text="Phone" />

<TextView
    android:id="@+id/txtphone"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginBottom="2dp"
    android:layout_weight="0.3"
    android:textSize="18sp"
    android:textStyle="bold" />

<TextView
    android:id="@+id/textView20"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="0.7"
    android:text="Email" />

<EditText
    android:id="@+id/txtemail"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="0.3"
    android:background="@drawable/edittextshapelogin"
    android:padding="4dp" />

<TextView
    android:id="@+id/textView22"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="0.7"
    android:text="Name" />

<EditText
    android:id="@+id/txtUsername"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="0.3"
    android:background="@drawable/edittextshapelogin"
    android:padding="4dp" />

<TextView
    android:id="@+id/textView28"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="0.7"
    android:text="Old Password" />

<EditText
    android:id="@+id/txtoldpassword"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="0.3"
    android:background="@drawable/edittextshapelogin"
    android:inputType="textPassword"
    android:padding="4dp" />

<TextView
    android:id="@+id/textView29"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="0.7"
    android:text="New Password" />

<EditText
    android:id="@+id/txtnewpassword"
```

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```
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="0.3"
                android:background="@drawable/edittextshapelogin"
                android:inputType="textPassword"
                android:padding="4dp" />

            <TextView
                android:id="@+id/textView26"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_weight="0.7"
                android:text="Location" />

            <Spinner
                android:id="@+id/spinLoc"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:layout_marginRight="2dp"
                android:layout_weight="0.5"
                android:background="@drawable/edittextshape"
                android:entries="@array/location"
                android:padding="4dp" />

        </LinearLayout>

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_weight="0.45"
            android:gravity="bottom"
            android:orientation="vertical">

            <Button
                android:id="@+id/button5"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:background="@color/colorPrimaryDark"
                android:text="UPDATE"
                android:textColor="@color/colorSub" />
        </LinearLayout>
    </LinearLayout>
</ScrollView>
```

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activity_about.xml & 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=".AboutActivity">

    <ImageView
        android:id="@+id/imageViewSong"
        android:layout_width="match_parent"
        android:layout_height="225dp"
        android:layout_marginLeft="5dp"
        android:layout_marginTop="5dp"
        android:layout_marginRight="5dp"
        android:layout_marginBottom="5dp"
        android:src="@mipmap/srlogo" />

    <View
        android:id="@+id/view2"
        android:layout_width="match_parent"
        android:layout_height="2dp"
        android:background="@color/colorPrimaryDark" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_margin="4dp"
        android:layout_weight="0.3"
        android:orientation="vertical"
        android:paddingLeft="4dp">

        <TextView
            android:id="@+id/textView13"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="SR Mobile or we can say as "Song Request Mobile" is a mobile application that focuses
on helping the user to request any song or music that they want to listen through the application. This
application is based on Android Operating System. This application is targeted to any people who'd like to
listen and want to request their favorite music through the application everywhere and it will be listed before
the song going to be played. The user will be asked to log in register first before they can request a song in
the SR application. " />
    </LinearLayout>

</LinearLayout>
```

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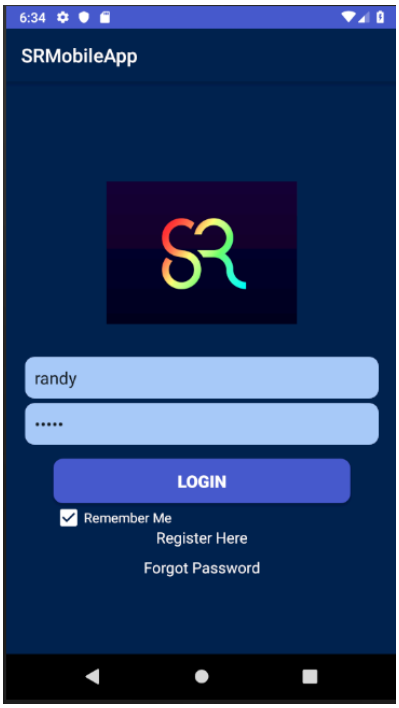
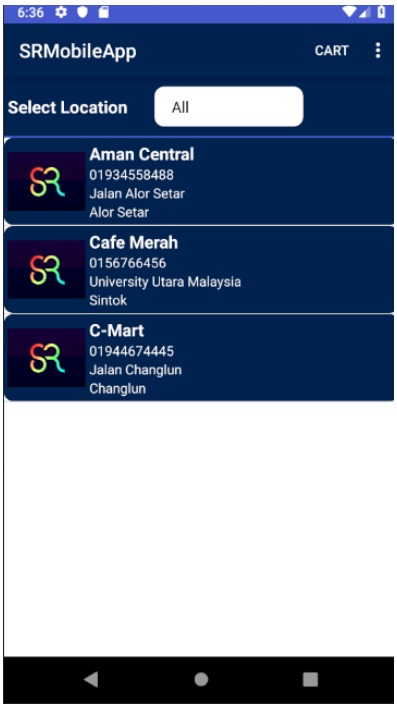
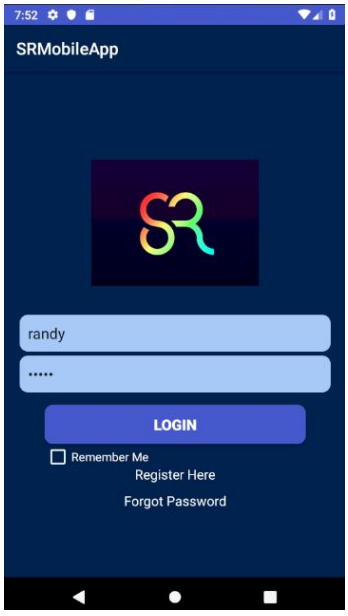
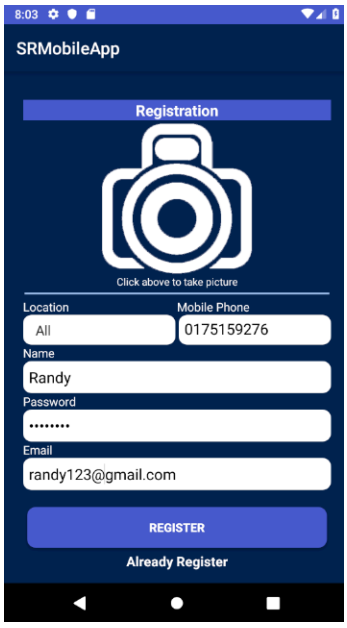
Interface Output flow (Splash – Login – Main Menu)





Interface Output flow (Splash – Login – Register)





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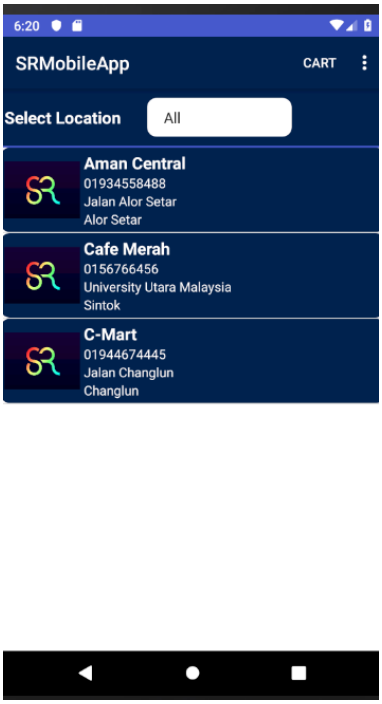
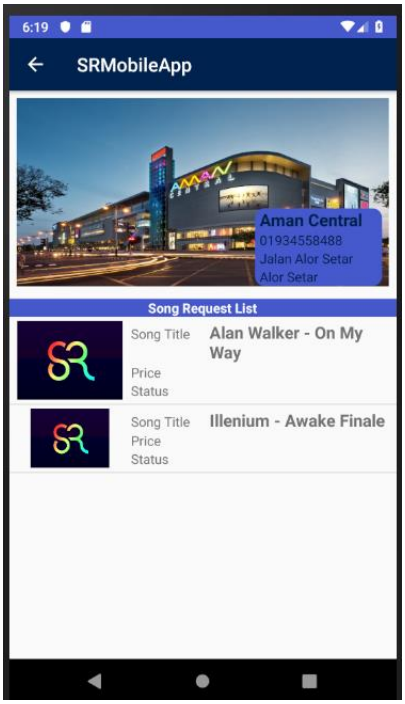
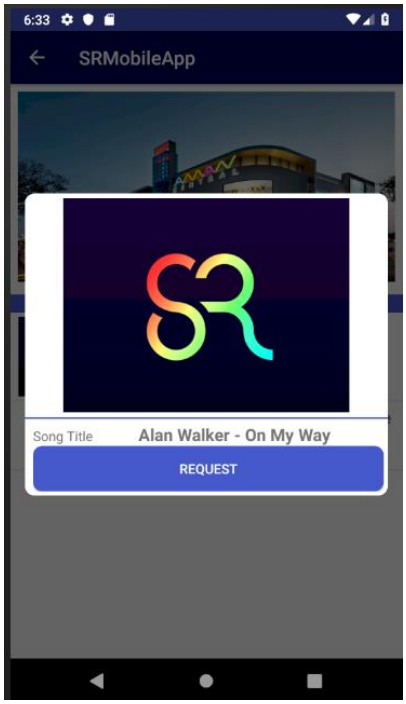
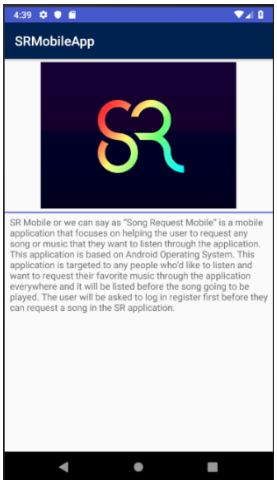
Interface Output flow (Main Menu – Area – Song)

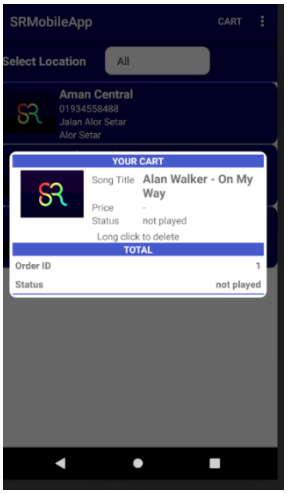






Interface Output flow (My Profile– About – Cart)





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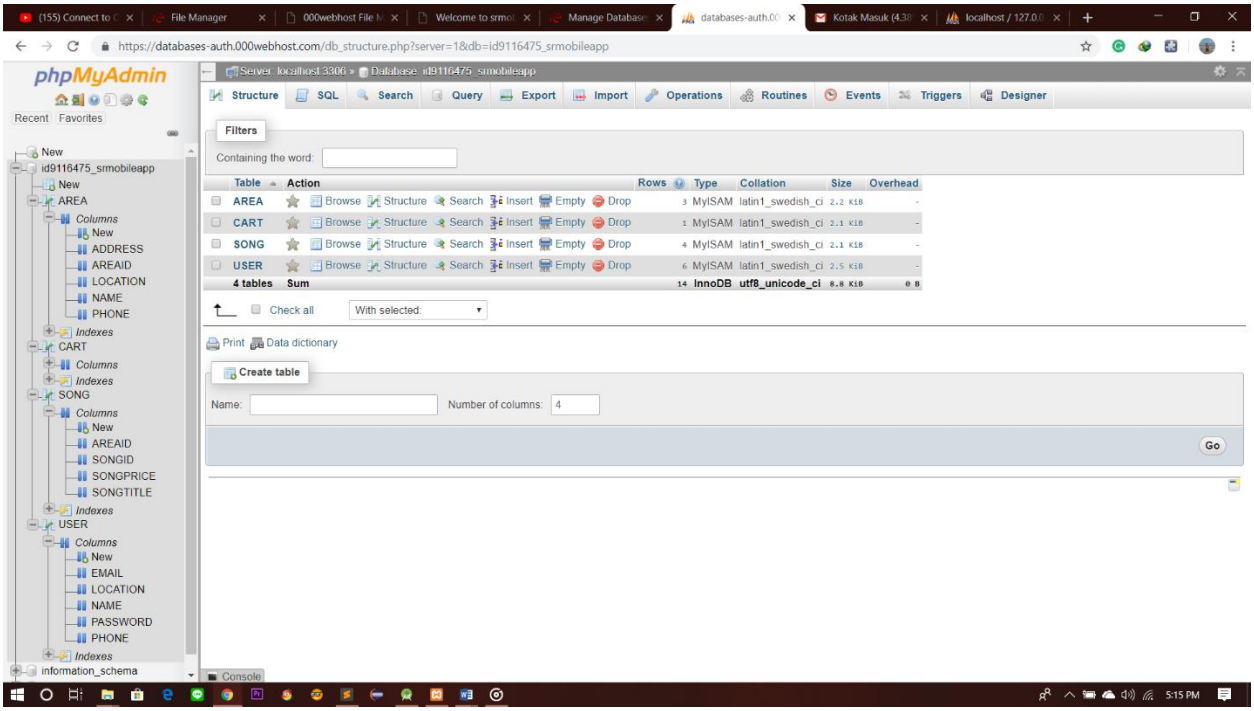
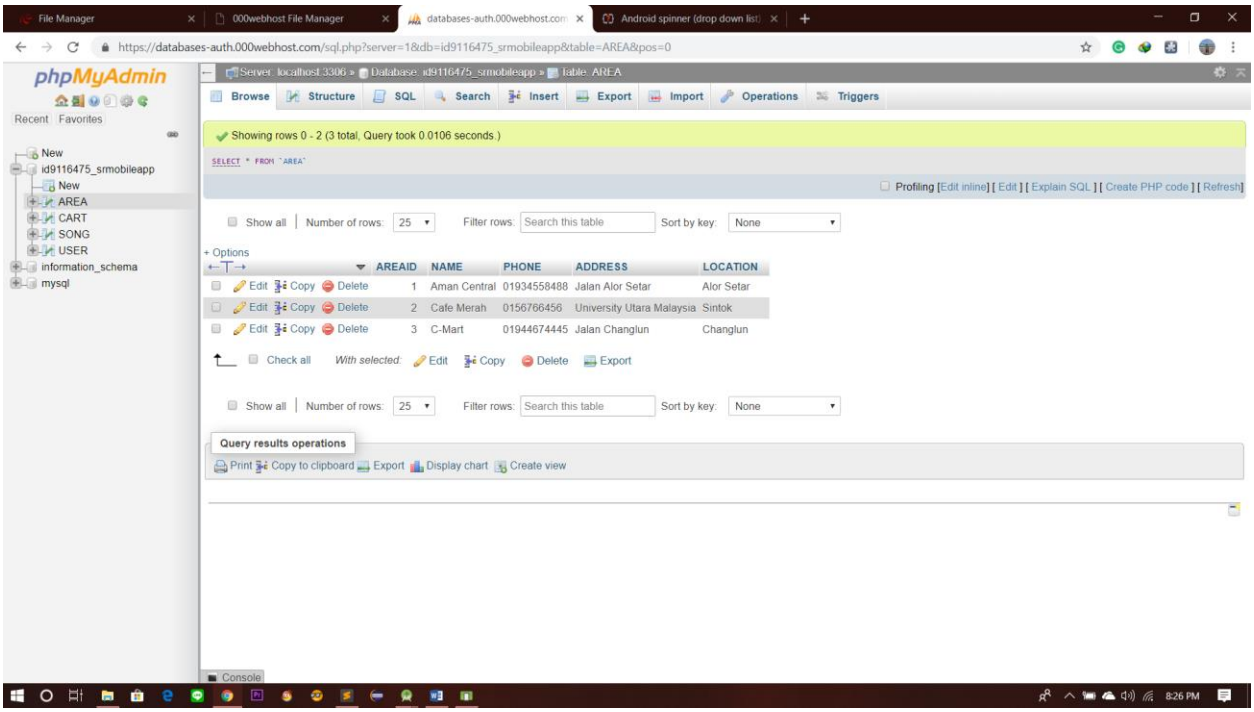
PHPMYADMIN (SRMobile)



AREA



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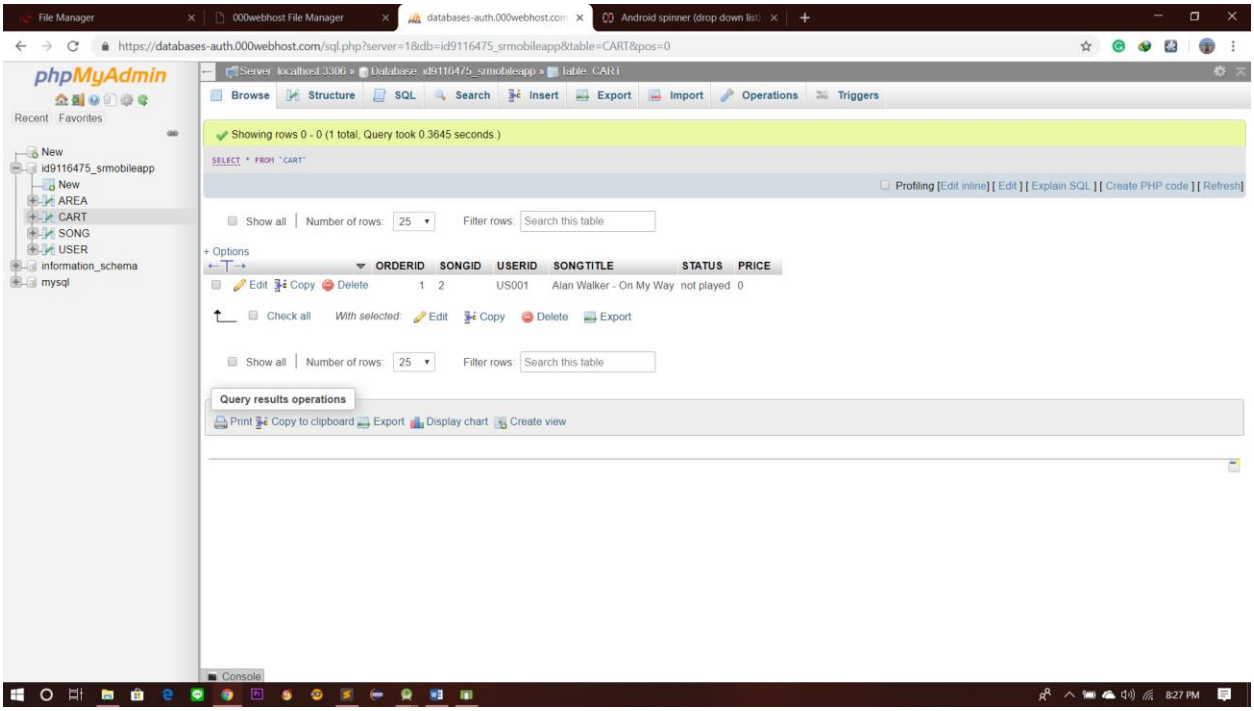
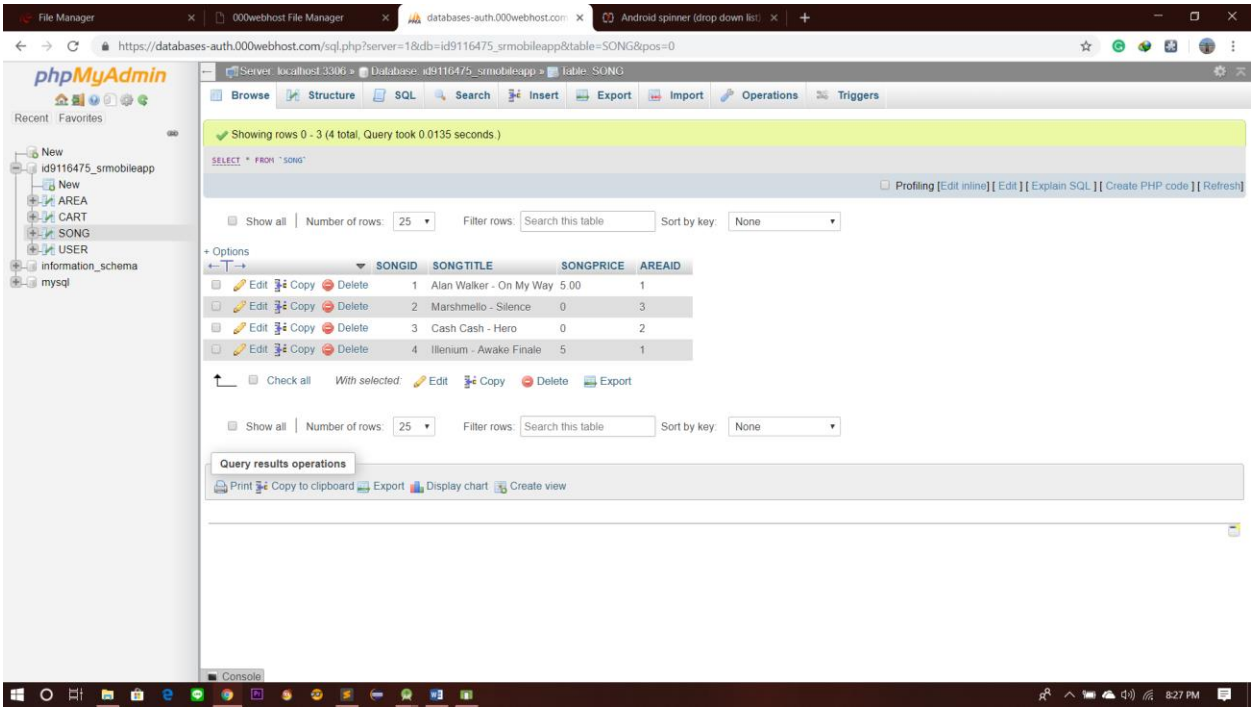
CART



SONG



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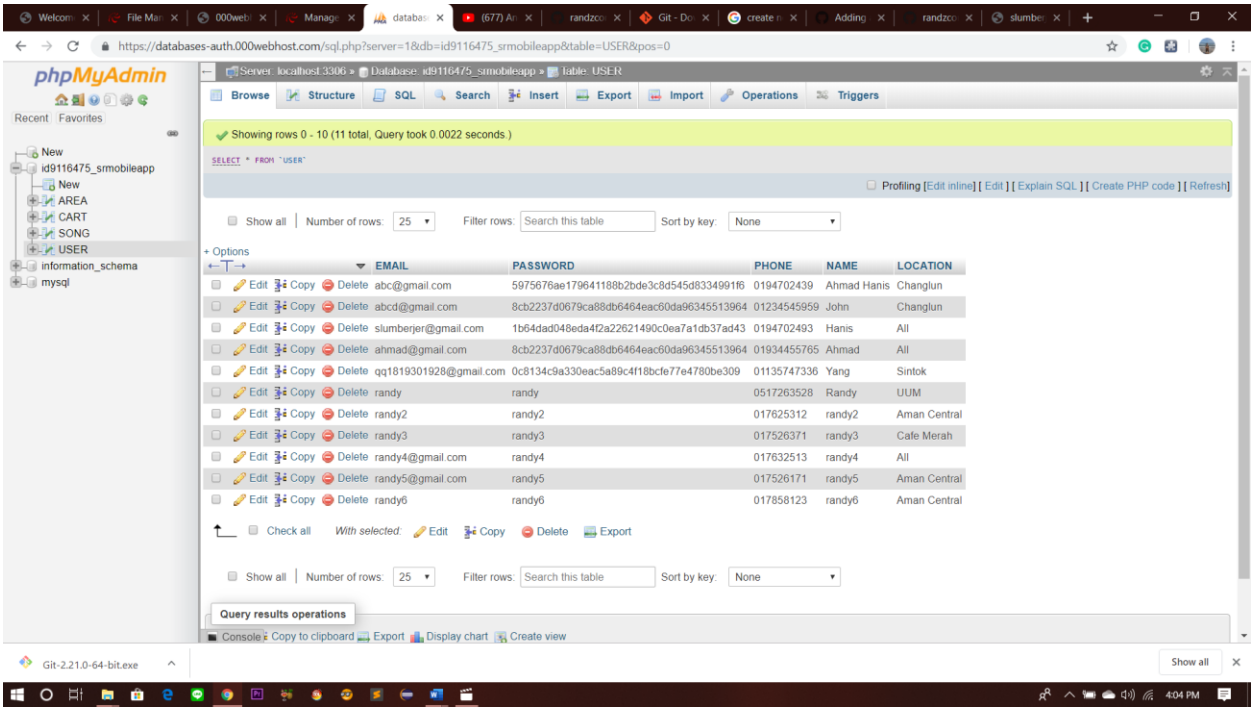
USER



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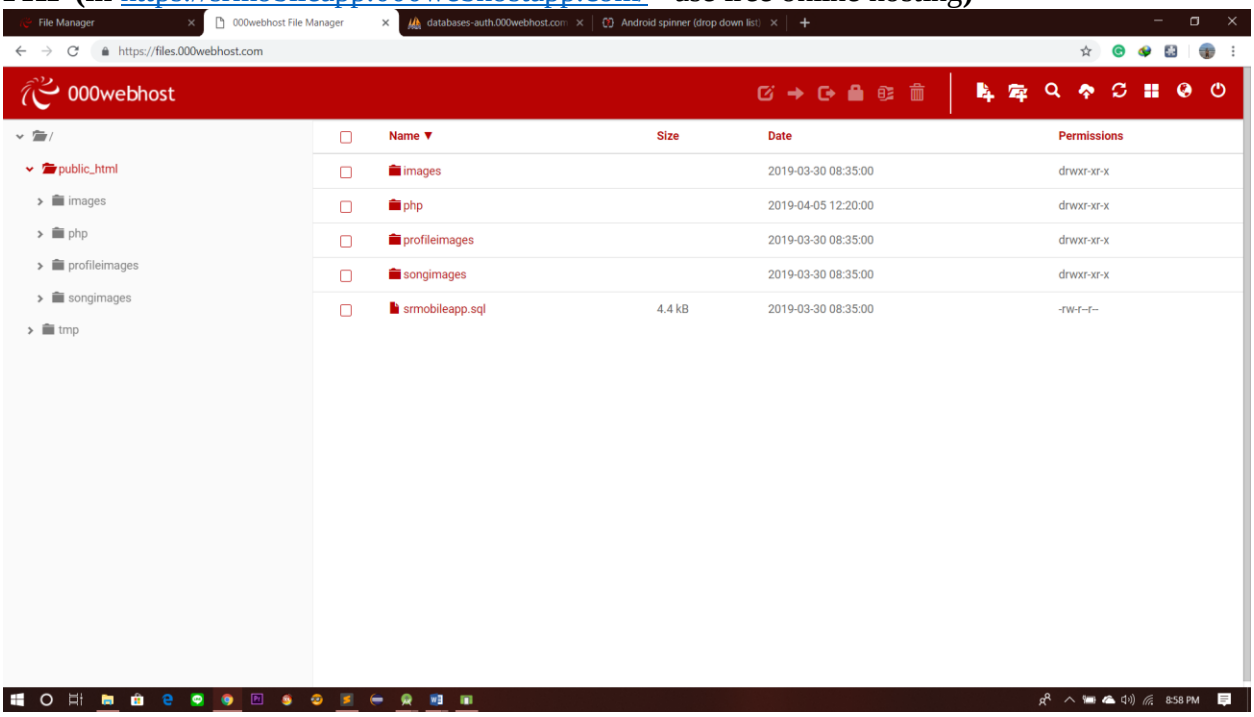
PHP (in https://srmobileapp.000webhostapp.com/ use free online hosting**)**



add_cart.php

/public_html/php/add_cart.php

```php
<?php
error_reporting(0);
include_once("dbconnect.php");
$songid = $_POST['songid'];
$userid = $_POST['userid'];
$songtitle = $_POST['songtitle'];
$status = "not complete";
$price = $_POST['price'];

    $sqlinsert = "INSERT INTO CART(SONGID,USERID,SONGTITLE,STATUS,PRICE) VALUES ('$songid','$userid','$songtitle'
        ,'$status','$price')";
    if ($conn->query($sqlinsert) === TRUE){
       echo "success";
    }else {
        echo "failed";
    }

?>
```

SAVE & CLOSE SAVE

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db_connect.php

/public_html/php/dbconnect.php

```php
<?php
$servername = "localhost";
$username   = "id9116475_srmobileapp";
$password   = "srmobile123";
$dbname     = "id9116475_srmobileapp";

$conn = new mysqli($servername, $username, $password, $dbname);
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
?>
```

SAVE & CLOSE SAVE

delete_cart.php

/public_html/php/delete_cart.php

```php
<?php
error_reporting(0);
include_once("dbconnect.php");
$userid = $_POST['userid'];
$songid = $_POST['songid'];
    $sqldelete = "DELETE FROM CART WHERE USERID = '$userid' AND SONGID='$songid'";
    if ($conn->query($sqldelete) === TRUE){
       echo "success";
    }else {
        echo "failed";
    }
?>
```

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insert_registration.php

/public_html/php/insert_registration.php

```php
<?php
error_reporting(0);
include_once("dbconnect.php");
$email = $_POST['email'];
$password = ($_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";
    }
}else{
    echo "nodata";
}

?>
```

SAVE & CLOSE SAVE

load_area.php

/public_html/php/load_area.php

```php
<?php
error_reporting(0);
include_once("dbconnect.php");
$location = $_POST['location'];
if (strcasecmp($location, "All") == 0){
    $sql = "SELECT * FROM AREA";
}else{
    $sql = "SELECT * FROM AREA WHERE LOCATION = '$location'";
}
$result = $conn->query($sql);
if ($result->num_rows > 0) {
    $response["area"] = array();
    while ($row = $result ->fetch_assoc()){
        $arealist = array();
        $arealist[area] = $row["AREAID"];
        $arealist[name] = $row["NAME"];
        $arealist[phone] = $row["PHONE"];
        $arealist[address] = $row["ADDRESS"];
        $arealist[location] = $row["LOCATION"];
        array_push($response["area"], $arealist);
    }
    echo json_encode($response);
}else{
    echo "nodata";
```

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load_song.php

/public_html/php/load_song.php

```php
<?php
error_reporting(0);
include_once("dbconnect.php");
$areaid = $_POST['areaid'];

$sql = "SELECT * FROM SONG WHERE AREAID = '$areaid'";
$result = $conn->query($sql);
if ($result->num_rows > 0) {
    $response["song"] = array();
    while ($row = $result ->fetch_assoc()){
        $songlist = array();
        $songlist[songid] = $row["SONGID"];
        $songlist[songtitle] = $row["SONGTITLE"];
        array_push($response["song"], $songlist);
    }
    echo json_encode($response);
}else{
    echo "nodata";
}
?>
```

SAVE & CLOSE SAVE

load_cart.php

/public_html/php/load_cart.php

```php
<?php
error_reporting(0);
include_once("dbconnect.php");
$userid = $_POST['userid'];

$sql = "SELECT * FROM CART WHERE USERID = '$userid' AND STATUS = 'not played'";
$result = $conn->query($sql);
if ($result->num_rows > 0) {
    $response["cart"] = array();
    while ($row = $result ->fetch_assoc()){
        $cartlist = array();
        $cartlist[songid] = $row["SONGID"];
        $cartlist[songtitle] = $row["SONGTITLE"];
        $cartlist[status] = $row["STATUS"];
        $cartlist[orderid] = $row["ORDERID"];
        array_push($response["cart"], $cartlist);
    }
    echo json_encode($response);
}else{
    echo "nodata";
}
?>
```

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load_user.php

/public_html/php/load_user.php

```php
<?php
error_reporting(0);
include_once("dbconnect.php");
$userid = $_POST['userid'];
$sql = "SELECT * FROM USER WHERE PHONE = '$userid'";
$result = $conn->query($sql);
if ($result->num_rows > 0) {
    $response["user"] = array();
    while ($row = $result ->fetch_assoc()){
        $userarray = array();
        $userarray[email] = $row["EMAIL"];
        $userarray[phone] = $row["PHONE"];
        $userarray[name] = $row["NAME"];
        $userarray[location] = $row["LOCATION"];
        array_push($response["user"], $userarray);
    }
    echo json_encode($response);
}

?>
```

SAVE & CLOSE SAVE

login.php

/public_html/php/login.php

```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) {
    echo "success";
}else{
    echo "failed";
}
?>
```

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update_profile.php

/public_html/php/update_profile.php

```php
<?php
error_reporting(0);
include_once("dbconnect.php");
$email = $_POST['email'];
$oldpassword = ($_POST['opassword']);
$newpassword = ($_POST['npassword']);
$phone = $_POST['phone'];
$name = $_POST['name'];
$location = $_POST['newloc'];


$sqlcheck = "SELECT * FROM USER WHERE PHONE = '$phone' AND password = '$oldpassword'";
$result = $conn->query($sqlcheck);
if ($result->num_rows > 0) {
 $sqlupdate = "UPDATE USER SET EMAIL = '$email', PASSWORD = '$newpassword', NAME = '$name', LOCATION = '$location'
     WHERE PHONE = '$phone' AND PASSWORD = '$oldpassword'";
  if ($conn->query($sqlupdate) === TRUE){
        echo 'success';
  }else{
      echo 'failed';
  }
}else{
    echo "failed";
}
```

SAVE & CLOSE SAVE

upload_image.php

/public_html/php/upload_image.php

```php
<?php
date_default_timezone_set('Asia/Kuala_Lumpur');
if (isset($_POST["encoded_string"])){
    $encoded_string= $_POST["encoded_string"];
    $image_name = $_POST["image_name"];
    $decoded_string = base64_decode($encoded_string);
    $path = '../profileimages/' .$image_name;
    $file = fopen($path,'wb');
    $is_written = fwrite($file, $decoded_string);
    fclose($file);
    if($is_written > 0){
        echo "Success";
    }else{
        echo "Failed";
    }
}
?>

```

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verify_email.php

/public_html/php/verify_email.php

```php
<?php
    //ini_set( 'display_errors', 1 );
    error_reporting(0);
    include_once("dbconnect.php");
    $email = $_POST['email'];
    $sql = "SELECT * FROM USER WHERE EMAIL = '$email'";
    $result = $conn->query($sql);
    if ($result->num_rows > 0) {
         while ($row = $result ->fetch_assoc()){
             $ran = $row["PASSWORD"];
         }
        $from = "noreply@srmobileapp.com";
        $to = $email;
        $subject = "From SR Mobile App. Reset your password";
        $message = "Use the following link to reset your password :"."\n http://srmobileapp.000webhostapp.com/php
            /reset_password.php?email=".$email."&key=".$ran;
        $headers = "From:" . $from;
        mail($email,$subject,$message, $headers);
        echo "success";
    }else{
        echo "failed";
    }


}
```

SAVE & CLOSE SAVE