## Android Fundamentals Project Self-Evaluation

**Instructions:** Once you’ve completed your Final Project, please respond to the questions below. This is a chance for you to briefly explain to the grader your thought-process during development. Once you are done, include this with the source code and accompanying files you are submitting. Then, give yourself a pat on the back for making a great app!

# Questions about Required Components

## Permissions

**Please elaborate on why you chose the permissions in your app.**

|  |
| --- |
| <uses-permission android:name="android.permission.READ\_SMS"/>  <uses-permission android:name="android.permission.RECEIVE\_SMS"/>  <uses-permission android:name="android.permission.READ\_CONTACTS"/> |

## Content Provider

**What is the name of your Content Provider, and how is it backed? (For example, Sunshine’s Content Provider is named WeatherProvider backed by an SQLite database, with two tables: weather and location.)**

|  |
| --- |
| Je n’est pas creer de Content Provider dans mon application , mais j’ai utilizer un ContactsContract et Telephony avec la table contact qui genere le nom et numero de telephone d’un contact |

**What backend does it talk to? (For example, Sunshine talks to the OpenWeatherMap API.)**

|  |
| --- |
| Contacts.CONTENT\_URI  Telephony.SMS\_RECEIVED |

**If your app uses a SyncAdapter, what is it called? What mechanism is used to actually talk over the network? (For example, Sunshine uses HttpURLConnection to talk to the network, but your app may use a third-party library to do the talking.)**

|  |
| --- |
| private ServiceConnection mConnexion = new ServiceConnection(){  public void onServiceConnected(ComponentName className, IBinder service){  public void onServiceDisconnected(ComponentName className){ |

**What loaders/adapters are used?**

|  |
| --- |
| public void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.activity\_main);  Intent intentAssoc = new Intent(this, MonService.class);  if(bindService(intentAssoc, mConnexion, Context.BIND\_AUTO\_CREATE)){  btnDemarrer = (Button)findViewById(R.id.btnActiver);  btnStoper = (Button)findViewById(R.id.btnArreter);  edtPhrase = (EditText)findViewById(R.id.edtPhrase); |

## User/App State

**Please elaborate on how/where your app correctly preserves and restores user or app state. (See rubric for examples on this question)**

|  |
| --- |
|  |

# Questions about Optional Components

Answer the questions that are applicable to your final project

## Notifications

**Please elaborate on how/where you implemented Notifications in your app:**

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| --- |
|  |

## ShareActionProvider

**Please elaborate on how/where you implemented ShareActionProvider:**

|  |
| --- |
| private void chercherContacts(String pNumero){  // Methode servant a trouver le nom du contact qui envoie le message s'il existe dans notre repertoire  while (cInfosContacts.moveToNext()){  // Je boucle sur la collection de contacts et je r�cup�re l'id du contact, son nom et son  num�ro (s'ils existent)  // pour faire la correspondance.  if (Boolean.parseBoolean(phoneExist)){ |

## Broadcast Events

**Please elaborate on how/where you implemented Broadcast Events:**

|  |
| --- |
| public class MonService extends Service implements OnInitListener {  public class Receiver extends BroadcastReceiver {  public void onStart(Intent intent, int startId) {  public void lancerService(){  public void arreterService(){ |

## Custom Views

**Please elaborate on how/where you implemented Custom Views:**

|  |
| --- |
| public class MainActivity extends Activity implements OnClickListener {  setContentView(R.layout.activity\_main);  Intent intentAssoc = new Intent(this, MonService.class); |