## 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.**

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| * INTERNET   Allow app the connection to Internet for open network sockets, to communicate the app with the web server in python-django.   * ACCESS NETWORK STATE   The app can access information about the network.   * READ EXTERNAL STORAGE   Allow the read of file .txt of parkings in app.   * WRITE EXTERNAL STORAGE   Save the list of parkings in a file .txt for the app.   * ACCESS COARSE LOCATION   Allow the geolocation of the user by cell towers or Wifi for locate the nearest parkings.   * ACCESS FINE LOCATION   Allow the geolocation of the user by GPS, cell towers or Wifi for locate the nearest parkings. |

## 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.)**

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| The Content Provider is call ContentProvider backed by an SQLite database with the table parkings. |

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

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| Motoparking talk to web services in <http://www.motoparking.acktos.com.co/> for information on parkings created on the server. The server runs on Linux and the web application is created in python - django. |

**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.)**

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| Using AsyncTask and HttpPost to get information parking from a web server. |

**What loaders/adapters are used?**

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## 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)**

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| In the calification view and create parking view, the user text input is preserved on rotation. In some views, when the app is resumed after the device wakes from sleep (locked) state, the app returns the user to the exact state in which it was last used. |

# 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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## Google Maps Route

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| Through this option, the user can view the route to the parking from its current location. |

## ShareActionProvider

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

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| Through this intent, the user can share the parking information to other users, like direction and price in social networks or other apps can share. |

## Broadcast Events

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

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## Custom Views

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

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