## 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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| --- |
| android.permission.ACCESS\_NETWORK\_STATE – the application will only send requests if there is a network connection available on the device  android.permission.INTERNET – the application needs internet connection because the recipes are downloaded from the Internet |

## 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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| RecipeSearchRecentSuggestionsProvider – is a SearchRecentSuggestionsProvider and is used to give the user recent search suggestions |

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

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| --- |
| Yummly API (https://developer.yummly.com) |

**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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| --- |
| My application uses Volley for networking |

**What loaders/adapters are used?**

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| GroupingAdapter – is an ExpandableListAdapter for displaying the title, ingredients and link to the recipe  RecipeListAdapter – is a BaseAdapter used to display search results (paginated) and the favorite recipes |

## 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 order to prevent losing already introduced data, in FeedbackFragment state is saved/restored. |

# 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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| N/A |

## ShareActionProvider

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

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| RecipeDetailShareActionProvider is a singleton that holds a reference to a ShareActionProvider instance. It is used to share recipes using the user’s favorite application. |

## Broadcast Events

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

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| N/A |

## Custom Views

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

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| RootLayout is a FrameLayout which is used to implement the parallax list view container. The ParallaxScroll component is used for functionality. |

\*ormlite is used for persistence and caching