## 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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| --- |
| I chose minimal set of permissions needed for my app according to http://developer.android.com/. |

## 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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| ORMLite is being used instead of Content Provider. Mapping to SQLite database is in three classes Noun, Verb and Adjektive in com.olyv.wortschatz.lesson.items package |

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

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| My app is using <https://glosbe.com/gapi> to help users to translate words while adding new words |

**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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| No SyncAdapter is being used because my app talks to backend only on demand. And it uses OkHttpClient to talk over the network |

**What loaders/adapters are used?**

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| BaseAdapter is being used in com.olyv.wortschatz.ui.manager.ItemsListAdapter to display all the words existing in SQLite database |

## 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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| When user takes a lesson app stores answered words and properly handles screen rotation.  When user adds a new word fragments stores its state when user rotates device. |

# 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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| Notifications are implemented in com.olyv.wortschatz.ui.settings.SettingsActivity class using AlarmManager. It reminds user to take a lesson at specific time |

## ShareActionProvider

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

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## 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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| com.olyv.wortschatz.ui.settings.TimePickerDialog is custom View. It extends DialogPreference and narrows specific diapason of numbers |