**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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**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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| TravelContentProvider, and it is backed by an SQL database with two tables, one for Journals and one for Posts |

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

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| It talks to the Random.org API |

**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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| N/A, we used an AsyncTask to fill the requirement. We used HttpURLConnection to pull a random number on-demand from the online Random.org HTTP API, documentation for which can be found at <https://www.random.org/clients/http/>. |

**What loaders/adapters are used?**

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| CursorLoaders are used in the PostsFragment and JournalsFragment. They each have a custom loader called JournalAdapter and PostsAdapter, respectively |

**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 JournalsFragment and PostsFragment, we maintained the position in the list that the user was currently viewing. In CreatePostFragment, we maintained the text entered into the text box, and the image from the "pick an image" box. |

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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| We implemented ShareActionProvider in the DetailActivity in order to allow us to easily share a post to social media, or to any other service that supports a text format. We set the data type to "text/plain", then put the relevant text in "Intent.EXTRA\_TEXT", and the URI to the image file in "Intent.EXTRA\_STREAM" |

**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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| N/A |