## 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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| It only uses INTERNET , READ\_SYNC\_SETTINGS, WRITE\_SYNC\_SETTINGS, and AUTHENTICATE\_ACCOUNTS permission to support core functionality. |

## 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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| WhatsOn Undip’s Content Provider is named EventProvider backed by an SQLite database with one table named “event”. |

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

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| WhatsOn Undip talks to the events API. This API uses Google Spreadsheet. Here's the spreadsheet link :  <https://docs.google.com/spreadsheets/d/1Yh6MxmVd0-pB_SmX2Y62TxnAPIZotEGHzrYT-6BDSqk/edit?usp=sharing>  that spreadsheet is represented with json format using a kind of spesific URL like this :  <https://spreadsheets.google.com/feeds/list/1Yh6MxmVd0-pB_SmX2Y62TxnAPIZotEGHzrYT-6BDSqk/od6/public/values?alt=json>  The yellow highlight is the spreadsheet key. It must be exactly same. |

**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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| Just like Sunshine, WhatsOn Undip also uses **HttpURLConnection** to talk to the network. |

**What loaders/adapters are used?**

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| WhatsOn Undip uses loader to display data from the database to the UI.  WhatsOn Undip also uses CursorAdapter that be implemented by EventAdapter to set the view of every list item. |

## 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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| WhatsOn Undip correctly preserves and restores user or app state, such as :   * When a list item is selected, it remains selected on rotation. * When an activity is displayed, the same activity appears on rotation.   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.  When the app is relaunched from Home or All Apps, the app restores the app state as closely as possible to the previous state. |

# 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:**

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| WhatsOn Undip uses ShareActionProvider to share “event detail” with an outside application. |

## 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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| WhatsOn Undip uses custom view. It sets blue color on ActionBar. It also has different view on Tablet. |