## 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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| We only used two permissions. The first is the INTERNET permission, which we need to access the internet and access our Taxi and User APIs. The second permission we used is ACCESS\_FINE\_LOCATION, which is necessary for the geocoding segment of our app, which converts an address to a latitude and longitude. We chose to incorporate this permission as we wanted to increase user-friendliness and avoid requiring the user to input latitudes and longitudes. |

## 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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| --- |
| Tuber’s content provider is called PriceProvider, and is backed by an SQLite database with one table, which is Price. |

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

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| --- |
| Tuber talks to the TaxiFareFinder API as well as the Uber PriceEstimates 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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| We do not use a syncAdapter. Instead, we are using ASyncTask to query the two APIs that we need. |

**What loaders/adapters are used?**

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| Curser Loader and Customized Adapter. |

## 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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| We have created numerous views for our tablet, including a portrait and landscape view for android phones, and a general large/xlarge view for tablets. Furthermore, we have a list view in another activity. This list preserves data when rotated. The back button accurately navigates between our fragments, and we use intents to switch between activities. The app does not crash, and will prompt the user to change their input if they’ve included an invalid input. Overall, we have checked that each segment of the rubric is fulfilled in our app. |

# 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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| We did not include notifications. |

## ShareActionProvider

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

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| --- |
| We did not use a ShareActionProvider. |

## Broadcast Events

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

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| We did not broadcast events. |

## Custom Views

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

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| --- |
| We did not use custom views. |