## 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.**

|  |
| --- |
| I use the permission "android.permission.INTERNET" for accessing to the internet and getting the movie's information.  The permissions READ\_SYNC\_SETTINGS, WRITE\_SYNC\_SETTINGS and AUTHENTICATE\_ACCOUNTS are used by the SyncAdaper as shown in Sunshine. |

## 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.)**

|  |
| --- |
| The ContentProvider name is MovieProvider backed by a SQLite database, with the tables: movies, shows, theaters. |

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

|  |
| --- |
| CinemaApp talks to the www.cinema-city.co.il website. |

**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.)**

|  |
| --- |
| CinemApp is using SyncAdapter called CinemappSyncAdapter. It uses HttpURLConnection to talk to the network. |

**What loaders/adapters are used?**

|  |
| --- |
| CinemApp uses two adapters and two loaders.  It use the MovieAdapter adapter and the loader in MovieListFragment for loading the movie list inside the ListView at MovieListFragment activity.  It use the MovieShowsAdapter adapter and the loader at MovieDetailsFragment for loading the shows to the MovieDetailsFragment activity. Moreover this activity is using the loader to load the movie details. |

## 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)**

|  |
| --- |
| When the app is resumed after the device wakes from sleep 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 to the exact way it was it the previous state.  When rotating the device the app restore the previous state. (for example, selected list item remain selected).  When an activity is displayed, the same activity appears on rotation. |

# 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:**

|  |
| --- |
| In RemainderReceiver a notification is created to remain the user that a show he was interested in is about to begin. |

## ShareActionProvider

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

|  |
| --- |
| I implemented ShareActionProvider at the MovieDetailsFragment activity. The ShareActionProvider is sharing the movie name with an invitation as text. |

## Broadcast Events

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

|  |
| --- |
| When user clicks the "ADD REMAINDER" button at the movie detail fragment, a broadcast is register. The broadcast will call the RemainderReceiver 15 minutes before the show. RemainderReceiver will notify the user with notification that the show he was interested about is about to begin. |

## Custom Views

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

|  |
| --- |
|  |