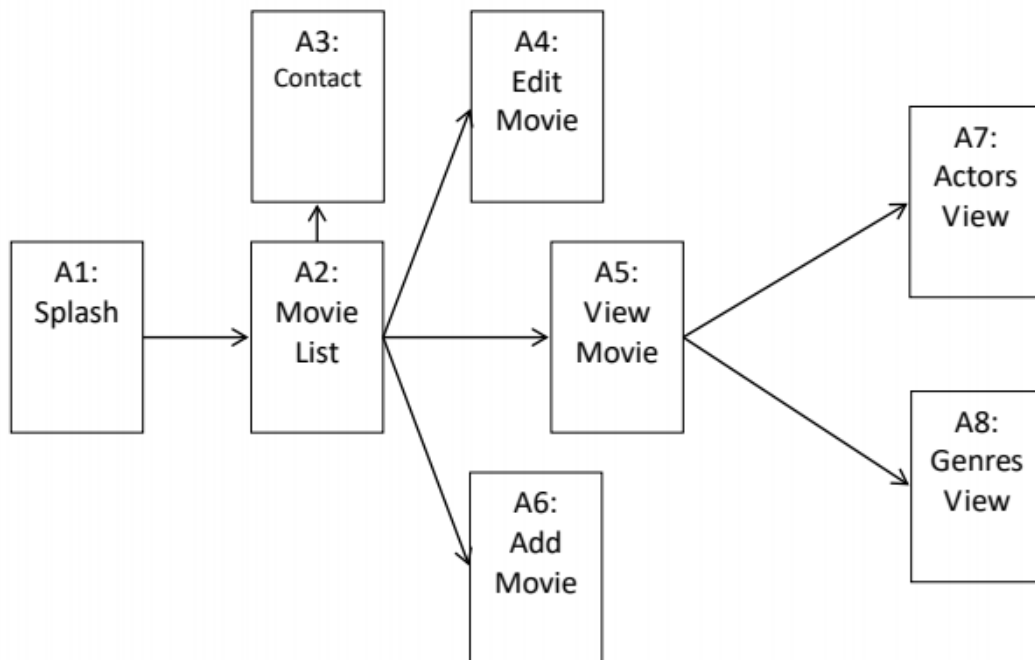# Individual assessment: MovieApp v2

Project Structure

As shown on the app, the Edit Movie activity can be accessed by long pressing any movie in the list.

Features

- Offline app usage, as it uses Android Shared Preferences to cache API data between app launches.
- Splash screen that hides the initial download
- Movie list with FAB and great design
- Contact activity
- Edit movie activity with prefilled details and actor and genre spinner.
- View movie activity with the movie details, movie poster and writer field obtained through third party API.
- Add movie activity with fields and actor and genre spinner.
- Actors activity that use cached film data.

- Genres activity that use cached film data.
- Logic transitions, button placement is consistent, etc.
- Data caching, internet connection is needed on the splash screen and to get movie posters. Once downloaded the main JSONs they are stored on objects so any activity can use them without downloading again.
- Data from other sources, the OMDb API is used to get posters and the Writer of each film.
- Sleek design, colorful and consistent among buttons, text and activities.
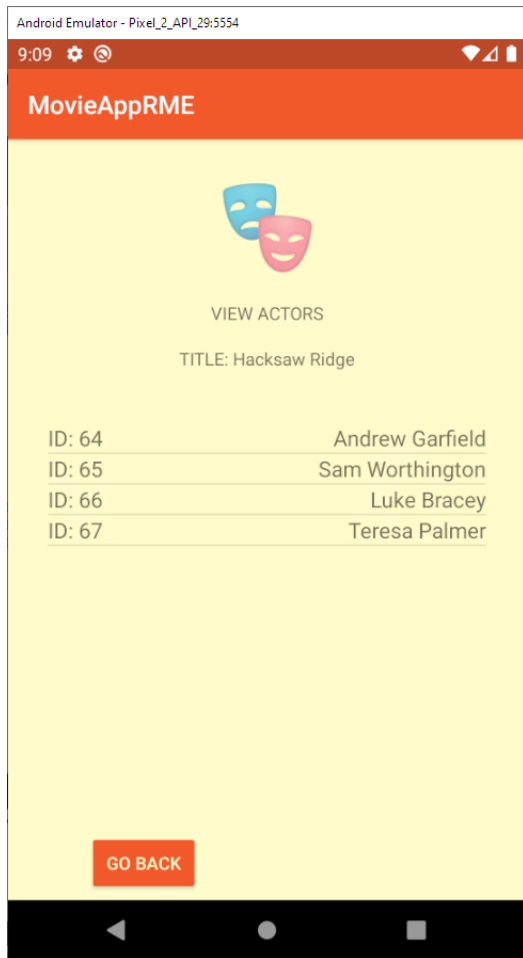- Custom app icon and splash logos.

Screenshots
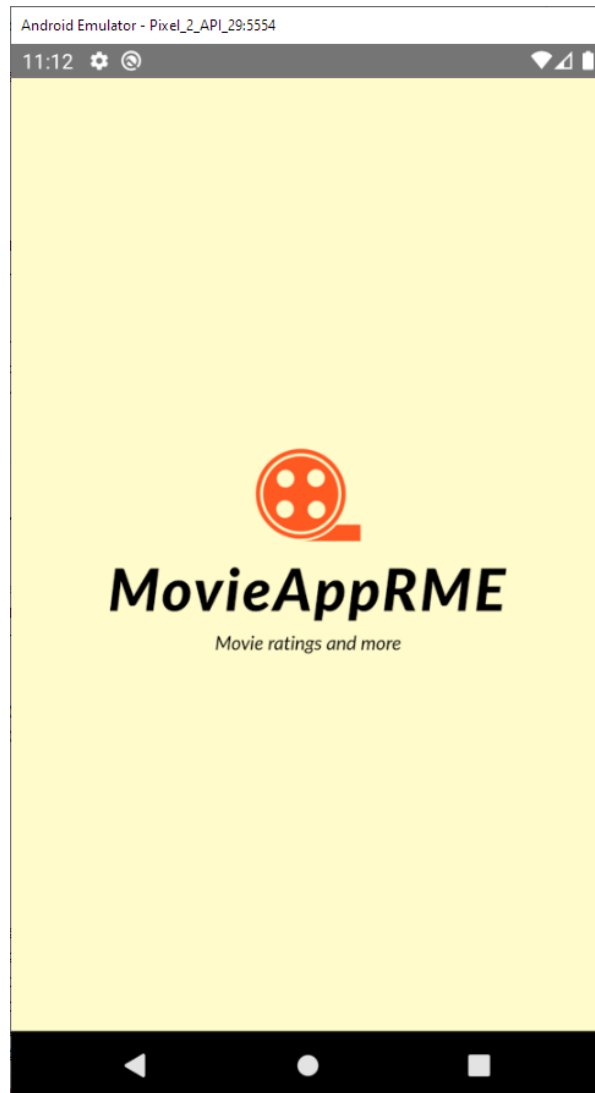
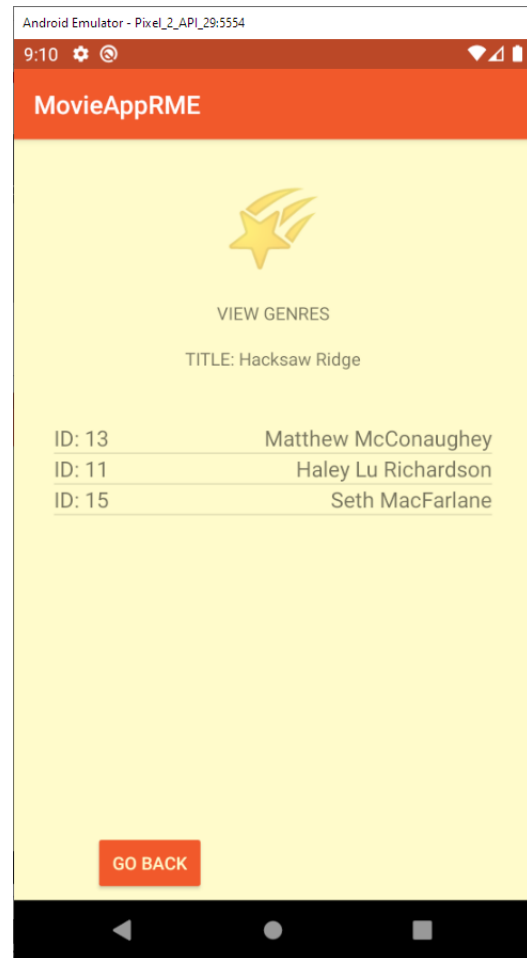

Splash Activity with custom logo and design
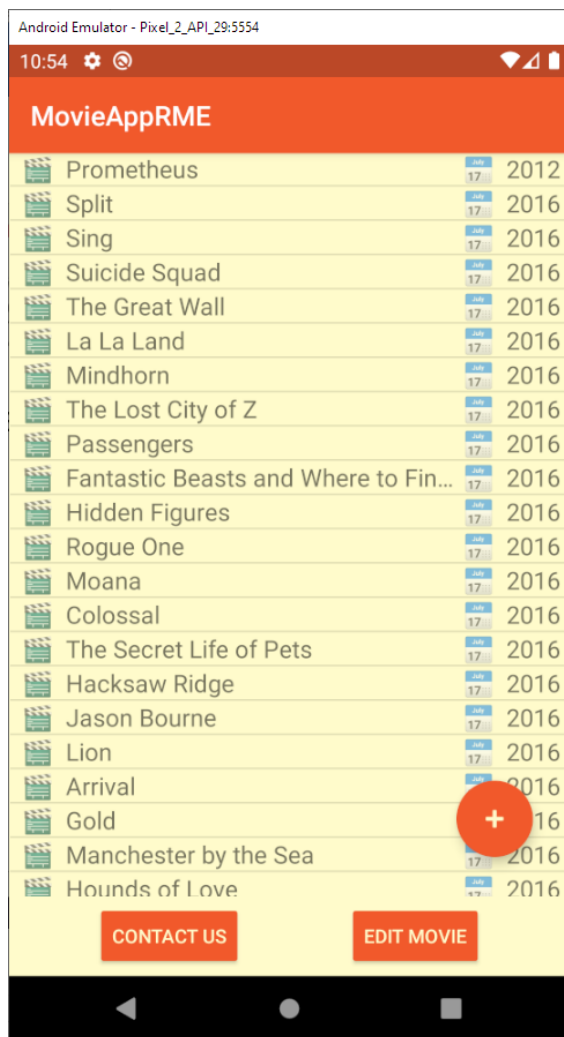
Main Activity with colorful design

View Movie Activity with great posters

View Actors Activity with simple design

View Genres Activity with simple design

Edit Movie Activity with each field and named spinners
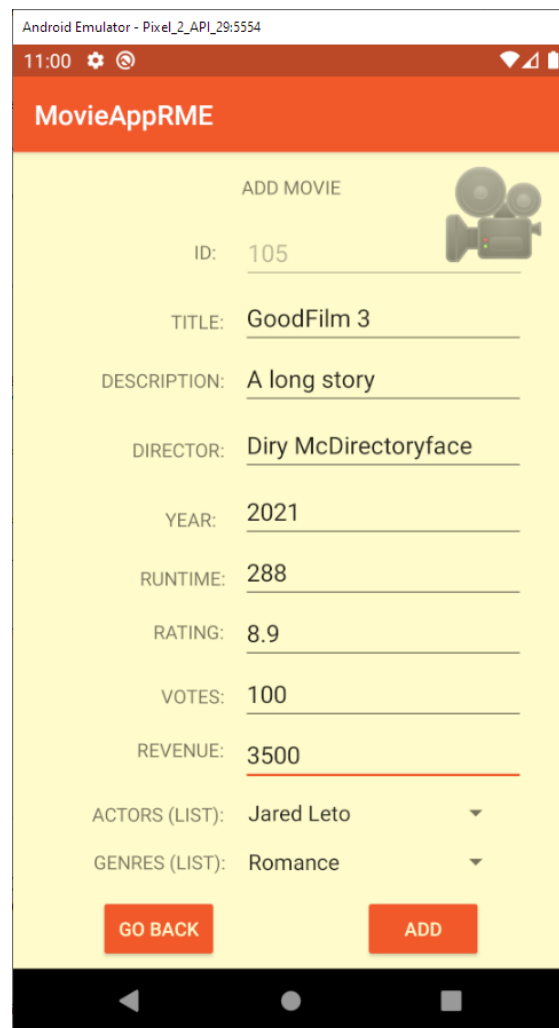
Contact Activity with intents

Add Movie Activity with each field and named spinners

Other Considerations

- The application was designed for the Pixel 2 virtual device resolution, use that aspect ratio for best experience.

- A web server with the main movie data has to be running at 10.0.2.2

- The API server and parameters can be changed on the class _Config

- Internal code quality can definitely be improved, but external quality and features were prioritized to comply with the deadline.

- Code history is available on Github, https://github.com/jjhernandez-usj/alu.91593/tree/MovieAppRME