WBPO Assignment

Mid/Senior Android Developer Assignment

Objective

Create a simple Android app that fetches and displays a list of popular movies using the TMDb API (https://developer.themoviedb.org/reference/movie-popular-list (https://developer.themoviedb.org/reference/movie-popular-list)). The application should contain at least four screens: a movie list, a movie detail screen, a settings screen, and an info screen. The completed assignment should be handed over using a link to a GitHub/GitLab repository.

Requirements

- **Kotlin**
- **Jetpack Compose** is preferred
- **Dependency Injection (DI)** using Dagger/Hilt
- Feel free to use any third-party libraries such as Retrofit, Picasso, Glide, etc.
- Responsive and aesthetically pleasing UX/UI design (support for both portrait and landscape modes)
- **Offline support**
- **Crash-free app** - ensure the app does not crash in edge cases
- Use at least App, Core, and Feature **modules** to showcase multi-module app development

Movie List

- Default screen when the app is launched
- Scrollable list of movies with the use of **Paging**
- Each movie should have at least a title, image, and Favorite icon
- Favorites should **survive relaunching the app**
- Clicking on a movie opens the Movie Detail screen

Movie Detail

- Contains data from the list plus additional data
- Option to add/remove from Favorites
- Navigation back to the movie list

Settings

- Simple screen with options to use Light, Dark, or system default theme

Info

- Simple screen with app version, developer info, and device info