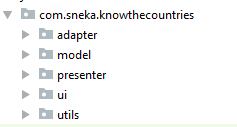
**Architecture:**

The architecture used for development is MVP model.



The decision to implement the MVP model was based for the following reasons:

1. Clear separation of responsibilities between components. This separation allows for an easier understanding and maintenance of the code base.
2. Modularity. Modularity allows you to e.g. switch to a different implementation of view component in order to completely change application's UI, while all other components remain intact.

**Design decisions taken:**

Using a recycler view over a ListView

Having search option in the menu so that the search could be performed

**Androidx** libraries were used for various widgets

ReactiveX/RxAndroid for API calls using Retrofit

Picasso library for loading images into ImageView

Future Improvements:

1. Have a filter functionality where the user will be able to filter the countries by region
2. Sharing feature in the country details page where the user could share the details to the contacts through gmail, whatsapp

Known issues:

The drawable images are sourced from the internet and hence other formats corresponding to hdpi, mdpi are not available.