Block Diagram Description
(Please note: Block Diagram is hard to read on Gitlab Viewer, please download to see a better version.)

- View Thread:
  - These are the XML files that were created to represent the different screens and pages the User sees and interacts with in the ApartmentFinder app.
- Activity Classes:
  - These classes handle the user interacting with the application. This includes clicking buttons, inputting data, and scrolling.
- Helpers:
  - This helper class holds constants that are referenced throughout the app. This mostly helps for our communication between server and client.
- Communication (Android Volley):
  - These logic classes are called by the Activity classes when necessary. These classes take care of correctly making JSON requests and handling JSON responses from the server-side.
- Logic Actions(functions):
  - The functionalities handle client requests of data from the database. These mostly involve sorting, getting, and setting data within the database.
- User Controller:
  - The User Controller translates client's requests into user functionalities within the server. The results of the server functionalities are packaged here and sent back to the client via JSON response.
- Apartment Controller
  - The Apartment Controller translates client's requests into apartment functionalities within the server. The results of the server functionalities are packaged here and sent back to the client via JSON response.
- Users Tables:
  - This table holds all information we collect about users. This information is mostly centered around being able to login.
- Apartments Table:
  - This table holds all the information we collect about apartments. This information is mostly centered around renting information, such as rent, number of bedrooms, and location.