

Bingr

Block Diagram

VB_5

Team Members:

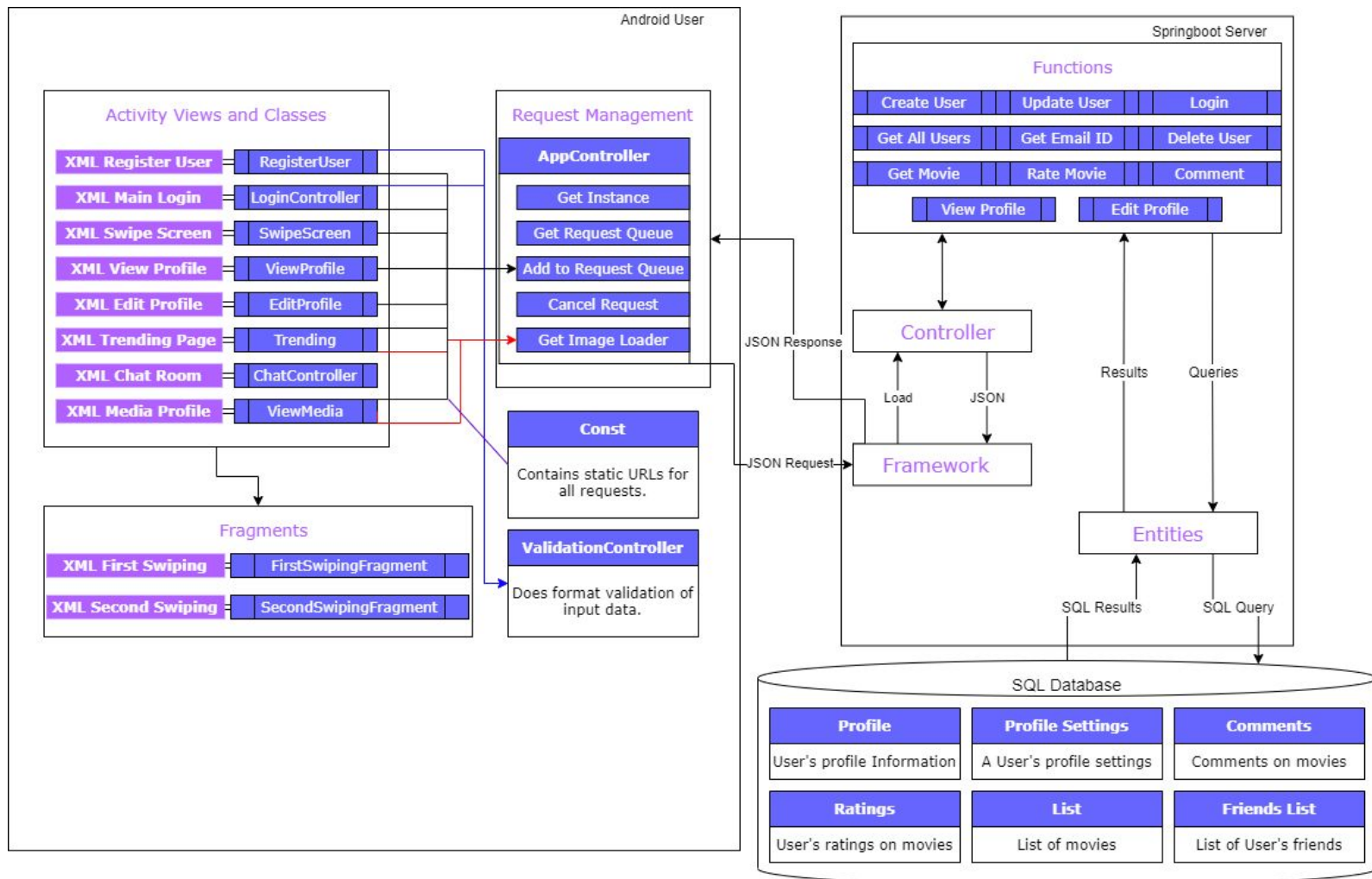
Evan Peterson

Andrew Frank

Kyle Riggs

Kyle Strozinsky

Block Diagram:



Design Description

The main focal point of our project is the movie swiping screen where a user is presented with movies and they can swipe right or left depending on if they are interested in the movie or not. The main UI element that accomplishes this is a combination of Android Studio and Volley for the front end. The back end utilizes Springboot and an API to get all of the movie information. The API we are using is called The Movie Database and allows us the ability to gather large amounts of information on any movie we want.

The backend is configured in a way that the front end creates requests for certain URLs that the backend has implemented. This is the essence of how the frontend and backend communicate to each other. The frontend makes a request which the backend then processes using Springboot. If the request needs to use the database then Hibernate is used and it automatically generates the proper SQL to get what the initial request needs.

Database tables:

