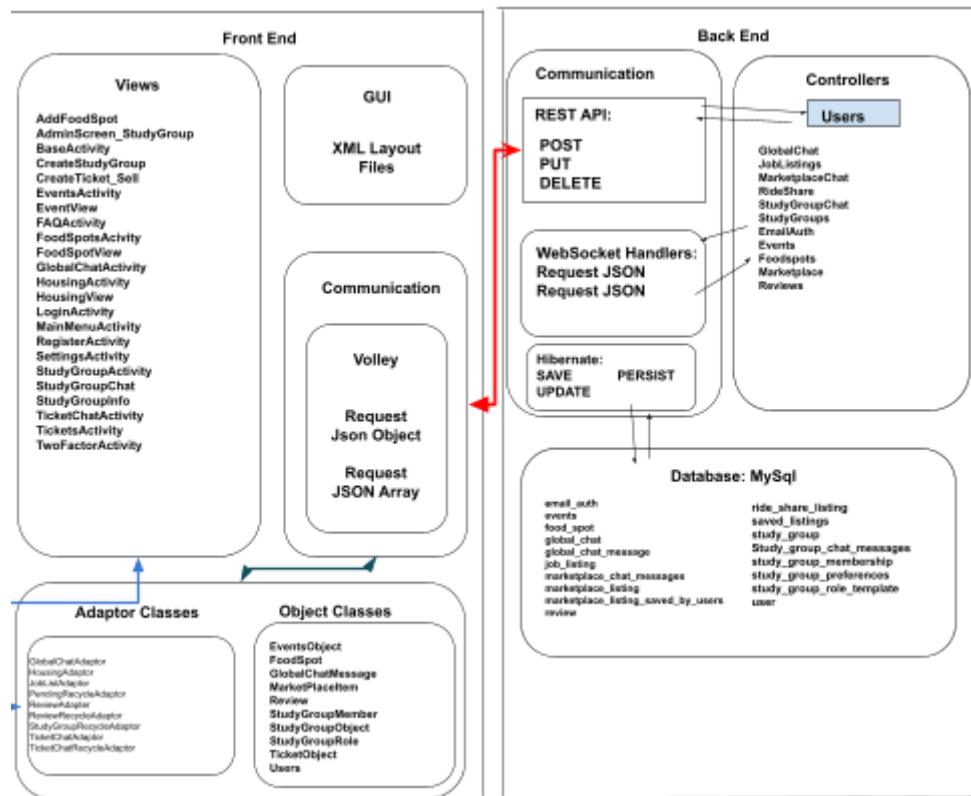


For this project, me and three others created an app for Iowa State students that would allow them to find roommates, form study groups, find popular food spots, and much more. When building this app, we took some inspiration from the popular Iowa State made app called MyState but took the opportunity to add all the helpful features that students wish it had. It has a simple and interactive interface along with a list of all the different pages and features that they have access to. I personally worked on the backend of this app along with one other student. To create the backend, we used an application creation tool called Springboot. This was a really tricky tool to get the hang of and it called for a lot of stressful debugging to get everything working correctly. But, after using it for a bit, I got the hang of it and was able to quickly debug any issues I was having. The features that I worked on in this project included a food spot finder, global chat, apartment and roommate finder, and an events tab. This was all done in java and definitely reinforced my coding skills by providing me with an entirely new challenge. I also got the opportunity to get some experience setting up the MySQL database and connecting relationships like one-to-many, many-to-one, and many-to-many. I also believe that this project provided for a great teamwork filled environment that challenged us to all work together so the pieces would eventually connect into one unified application. The final outcome of this project was a huge success and we were able to incorporate all the features we desired.



Block diagram overview of the finalized application