

# Six for Six - Milestone 3

Team Number: 101-6

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During our meeting with Carl in recitation before spring break, we discussed our home page and general front end, as well as how to go about connecting our front end to a postgres database, and that postgres database to an API. The demo went well, as the only concrete work we had completed was our home page, making things easy to discuss. From the home page, we were able to talk about where different features will be located, and how we intend for them to function. We then spoke with Carl about how we have struggled in understanding our back end and how to integrate an external API into our application. However, due to time constraints, we were not able to discuss in a lot of detail how to approach the rest of the project. However, Carl did recommend not waiting on one functioning piece to begin framework on other components, which is something our group has strived to start doing. In order to get further help from Carl, we scheduled another meeting with him on Monday 3/23.

In our second meeting with Carl, we were able to get more clarification on the functionality of API's as well as how to go about creating our back end and its linkage to our front end. Carl walked us through how to approach using API's, and some of the advantages and drawbacks of using direct links in our back end. We discussed potentially using a "one-time" API call to populate initial postgres tables, and then having all front to back end interaction occur using get requests that operate on only our postgres data. Connecting our back end this way would insure that if any changes were made to our external API, our application will retain its functionality. Also, this would allow us to update our table that stores data from the API to add more recipe options through single use calls. Then, Carl walked us through a few general examples about API calls regarding a weather service, and he also introduced us to 'Stripe.'