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A document with exactly one paragraph per week, describing what was accomplished or attempted in that week. For full credit, your team must add a paragraph to this document every week (starting the week project goals are confirmed) as a git commit.

Week 11/15

During the first week, we defined our project goals and found relevant datasets for our project. In specific, we found a flavors graph dataset which provided ingredients and edge weights on each line. We spent some time thinking about different ideas we could implement like a minimum spanning tree of a given set of ingredients.

Week 11/22

Thanksgiving Break Week. We took a lighter load and decided to discuss more on the approach of the project. We lacked access to the data set that categorized the ingredients so we had to contact the research professors who created the data sets in order to get more access. This led to us having to wait a little longer but we discussed more about the methods we wanted to create. We realized we need to be able to find a specific vertex in order to find the correct location and the surrounding ingredients in our graph. We also realized that a minimum spanning tree may not make the most sense since there may be several similar ingredients adjacent to each other.

Week 11/29

We created the code to read the csv and tsv files. We also created the base graph based on the data given. The tsv files are read and stored into maps for access in future parts of the project. We discussed more on how we wanted to store values in order to make it easier for us to access the data. We initially decided to make a vector of tuples for each csv and tsv values but we realized for the categories it would be better to create a map so it's easier to access the relevant category for each ingredient.

After working on the project a little bit more, we thought it may be more intuitive to use the map of categories as a tool while traversing, as opposed to building it into the graph.