

## Hot Sauce Database / Sommelier

This would be a web application that stores a database of different hot sauces. Sauces would have ingredients, heat level, reviews, and other information such as region of production, links to purchase, etc. This app would be for people like me, who love hot sauce but need recommendations of new sauces to try. As for what I believe to be the most interesting aspect of the project, I'm envisioning a "sommelier" feature, which would allow a user to input a food or list of ingredients or maybe even a menu of dishes and suggest hot sauces that would pair nicely.

I would like there to be functionality so that users can add new hot sauces to the database via a form so that the database can expand. I would also like users to be able to submit reviews for each sauce. Ideally, the database would be searchable by parameters such as main pepper, heat level, flavor profile, and user ratings.

Because there are so many hot sauces on the market, this tool would be useful to hot sauce aficionados who are looking for unique sauces to expand their palette, and newbies who are looking for an entry point and are overwhelmed with options.

I'll need to learn about how to use a database in order to complete this project, as I believe it will be very back-end heavy. Also, each sauce will need its own page, something I haven't really worked with yet. Because there are so many sauces, adding all of them to a database could be incredibly time consuming unless I can figure out a way to scrape other sites for information.

I'm leaning towards an object-oriented approach to coding this project, as each hot sauce could easily be stored as an object that has several properties, and I believe using a constructor that takes form inputs could be the easiest most effective way to build out a database. Not having much knowledge of databases currently, my first steps would be to do research on that subject and probably make an object-oriented attempt.