What's-Sup?

Overview:

The What's Sup? web application will solve the age-old problem of "What's for dinner?" by giving thoughtful (or thoughtless) recommendations in a multitude of ways. Nearly everyone on Earth has spent evenings cooling their heels until something tasty to eat comes to mind. At one point on those evenings, many of those same people are willing to try just about anything new and doable. The results delivered to the user by What's Sup? can be absolutely random, calculated randomly based on selected criteria the recipe must meet, or precisely what a user searches to find. No one ever has to settle for that same thing they make every Wednesday again.

A user can make an account, enter cooking or food preparation skills they have, ingredients they possess, along with the working kitchen equipment available to them, and the amount of time from now till when they need to eat. Upon selecting the desired criteria and entering any information, the user will be met with a display of all the recipes within the database that meets said criteria. If a user runs out of a particular ingredient, they are able to click to swiftly remove it from their possessed ingredients and it will be added to a shopping list of items they are to get when they shop next, keeping them able to continue on to new recipes. Users can also add their own recipes along with a picture of their real, in-person finished product.

Features:
- **User login:** Users will be able to log in, either by creating accounts in the system, or by using a third-party authentication provider (e.g. Google Authentication). All access to the site will be restricted to logged-in users. **(not counted in final tally)**
- **Create and update kitchen:** Users will be able to create and update their Kitchen by entering in a mixture of required (ingredients and amount of ea. ingredient in oz., lbs., etc.).
- **Create and update skills and tools:** Users will be able to create and update their profile by entering in a mixture of required (tools eg. oven, stovetop, microwave, pots/pans, and skills eg. julienne, chop, sauté, etc.).
- **Create and update shopping list:** Users will be able to create and update a shopping list of ingredients and tools that they run out of.
- **View and search for recipes:** Users will be able to view a listing of recipes, and by clicking on a recipe, view details about that recipe. Users can also search for

recipes with a specific ingredient (eg. search for recipes with chicken, rice, broccoli, etc.).

- **Upload recipes:** Users will be able to upload their own recipes to the database and tag their different ingredients involved.
- **Filter recipes:** Users will be able to refine recipe results shown based on selected criteria (eg. ingredients, tools, and/or skills).

Technologies:

Back End- Will be completed by **Jacob & Jon**

- Java
- MySQL
- Spring Boot
- Hibernate
- Intellij
- Gradle

Front End- Will be completed by **Haley & Jarod**

- JavaScript
- TypeScript
- Angular
- Thymeleaf templates
- Bootstrap
- Visual Studio Code

What you'll have to learn:

For the feature pages, I'll have to learn to apply Bootstrap libraries and dependencies that I haven't used before. Also finding other CSS frameworks other than Bootstrap to incorporate into the application. We need to make sure the versions of tech match (Java, IntelliJ). We'll have to learn how to attach an API to the app, either using the HubSpot API or another free API.

Project Tracker:

Enable GitHub Issues: I've enabled GitHub issues on my repository.

Second Weekly Meeting time: Thursdays 5:30 p.m.