**Capstone One Project Proposal**

**IDEA #1: Recipe App**

**GOAL**

The app will be used to search for recipes based on ingredients. Users can also get random recipes.

**USER DEMOGRAPHIC**

The site can be used by anyone that is looking for recipes but want to narrow their search result based on certain key ingredients. They could also be able to search with difficulty level.

**API**

<https://spoonacular.com/food-api>

**APPLICATION OUTLINE**

* The user will need to have an account setup in order to use the site. The app will have a table that will store user name, email address and password. The app might have a functionality that could allow the user to save recipes. If this functionality is implemented, then there will be another table that would store user Id along with that user’s saved recipes.
* The application could encounter request limits. The free version only allows 1 request/second. Also, the free version does not have email support.
* The only sensitive information that is stored on the database is the user’s email account and their password.
* The main page will allow the user to log into their account. If the user doesn’t have an account, then they could use the create new account link to set up a profile. Once the user is logged in, they could search for recipes. The user can have the option to update their profile and also be able to delete their own account.
* The nav bar will have a logout link/button.

**IDEA #2: Movie Streaming Availability app**

**GOAL**

The app tells users which streaming service has their favorite movies

**USER DEMOGRAPHIC**

It’s for anyone that is searching for a specific movie and wants to know which streaming service has the movie.

**API**

<https://streaming-availability.p.rapidapi.com/v2/services>

**APPLICATION OUTLINE**

* The user will need to have an account setup in order to use the site. The app will have a table that will store user name, email address and password.
* The app will enable users to search for movies and find out which streaming service carries that movie.
* The application could encounter API request limits. The free version doesn’t provide global streaming data.
* The only sensitive information that is stored on the database is the user’s email account and their password.
* The page will have a login section for the user to login. If the user doesn’t have an account, he or she will need to create a new profile using the Create New Account link.
* Users will have access to their Profile page and will be able to add a picture and update their username.
* The app will have a logout functionality to properly logout the user from their account