

## **Week 3: Project Research**

**Idea 1:** Web application where users can input recipes and receive a list of coupons/deals for the needed ingredients; Or depending on APIs available, linking to the ingredients automatically on Amazon (Fresh)

### **Features:**

**MVP** - Login functionality - database for storing login credentials, user profile with saved recipes - database for storing recipes, pulling data from API and displaying it (ingredients deals), Designed HTML page

**2.0** - Include a map with stores to buy the ingredients, Account registration

**3.0 and beyond** - Ability to share processed recipes in community forum

### **Possible APIs:**

- Amazon API
- Google Maps API
- Groupon API

### **Database:**

Login credentials, stored processed recipes by user

**Idea 2:** Use the Yelp API to allow users to find stores near them based on an item they are looking for by retrieving data from Yelp reviews. Allow users to record whether they were successful in retrieving the item to assist other users looking for the same item.

### **Features:**

**MVP** - Login functionality - database for storing login credentials, pulling data from API and displaying it (recommend stores), Designed HTML page

**2.0** - Map of suggested locations, User profile with saved searches - database for storing searches, Display percentage of success, Account registration

**3.0 and beyond** - Ability to view other user's profiles

**Possible APIs:**

- Yelp API
- Google Maps API

**Database:**

Login credentials, stored reviews by user