

**Time Expectations:**

- Do not spend more than 2-4 total hours on this assignment. This isn't intended to be perfect, just something we can talk through with you.

**Primary Task:**

- Design/architect a recipe management system
  - Product requirements
    - Keep track of recipes for a kitchen. A recipe should consist of a list of ingredients, instructions to combine those ingredients, and yield information (how much food does the recipe produce)
    - Allow users to search for recipes
    - Display recipes in a way that is easy for someone working in a kitchen to see/understand
    - Allow users to edit or remove recipes
  - Architectural requirements
    - Needs to handle no more than 5,000 to 10,000 requests per day
    - Will store no more than 1,000 recipes
    - May have several dozen users across different (potentially competing) restaurants)
    - Don't worry about things like internationalization
- Skeleton out the system (backend and frontend)
  - You can skeleton out authentication, but this doesn't need to be implemented
  - More concerned with seeing how you structure and test your code
  - Consider error conditions and border cases, but stay within the time window!

**Deliverables:**

- Design/architecture document in your choice (markdown is perfectly fine)
- Considerations or any interesting decisions that went into your design choices (for example, maintainability, cost, language, etc)
- Sending a github link (or repo/source) and any screenshots