1. **Overview**: A brief description of the project. What is the problem you are trying to solve? What is your motivation to work on this?

I’m trying to solve the lack of a menu in restaurants, also sometimes the customers can ask about the nutritional values and other information about the dishes, so it’s where the Spoonacular API comes in place.

1. **Target Audience**: Who is the target audience for the application? Who will it serve?

Restaurants and customers

1. **Major Functions**: A list of the major functions of the application. What will it do? List these in as much detail as you can. At least 8 major functions with their descriptions are required.

getRecipes(query) – get recipes through type (“pasta”, “apple”…) return a list of objects

[https://api.spoonacular.com/recipes/complexSearch?apiKey={22dfsdfds...}&query=pie](https://api.spoonacular.com/recipes/complexSearch?apiKey=%7b22dfsdfds...%7d&query=pie)

getInstructions(RecipeID) – Get the instructions for the recipe

[https://api.spoonacular.com/recipes/650946/analyzedInstructions?apiKey={22dfsdfds...}](https://api.spoonacular.com/recipes/650946/analyzedInstructions?apiKey=%7b22dfsdfds...%7d)

getSimilarRecipes(RecipeID) – get similar recipes based on the given recipe

[https://api.spoonacular.com/recipes/715538/similar?apiKey={22dfsdfds...}](https://api.spoonacular.com/recipes/715538/similar?apiKey=%7b22dfsdfds...%7d)

getRecipeInfo(recipeID) – get info from a recipe (ingredients, image…)

[https://api.spoonacular.com/recipes/650946/information?apiKey={22dfsdfds...}](https://api.spoonacular.com/recipes/650946/information?apiKey=%7b22dfsdfds...%7d)

getIngredientInfo(ingredientID) – get info from an ingredient (image, percentProtein…)

[https://api.spoonacular.com/food/ingredients/9266/information?amount=1?apiKey={22dfsdfds...}](https://api.spoonacular.com/food/ingredients/9266/information?amount=1?apiKey=%7b22dfsdfds...%7d)

renderRecipe(recipe) – Render the recipe given as object

listRecipes(recipes) – Render a list of recipes using a list of recipe’s objects ()

renderHeaderFooter() – Render the header and footer for the pages

1. **Wireframes**: Wireframes of the major views, mobile and desktop.

A screenshot of a recipe

AI-generated content may be incorrect. A screenshot of a recipe

AI-generated content may be incorrect.

A screenshot of a recipe

AI-generated content may be incorrect. A screenshot of a recipe

AI-generated content may be incorrect.

1. **External Data**: What external API data source(s) will you use? What data will you need to store?

[spoonacular API](https://spoonacular.com/food-api)

unsplashAPI (https://api.unsplash.com/search/photos?query=${searchQuery}&page=1&client\_id=MY-ACESS-KEY)

1. **Module List**: A list of the modules you will need to build. What are the major components of the application?

API Module- Handles the communication with the APIs

Recipe Module – Handles the rendering of the card, listing of cards and details

Igredients module – Handles the rendering of the card, listing of cards and details of the Ingredients

1. **Graphic Identity**: List the color scheme, typography, and other specific element styling details. Include a design or description for an application icon.

Primary: #D94A38

Secondary: #F4E7D3

Accent: #6C9A8B

Background: #FAFAFA

Text: #333333

Fonts: Playfair Display and Open Sans



1. **Timeline**: A schedule of the work you are planning to complete for weeks 5 through 7 of the term. Include specific deliverables of each week.

**Week 05:**

Build partials (header, footer, receipe card, etc) and basic Styling for the 3 pages (Home page, search results page and favorite pages)

**Week 06:**generate the cards dynamically and create the modules for searching functionality

**Week 07:**

Add favorites (just like cart) and polish UI

1. **Project Planning**: A link to a Trello board with all the tasks you can think of at this point defined as cards. Again be as detailed as possible here.

<https://trello.com/b/lcbNfr8I/recipe-book-project>

1. **Challenges**: What do you anticipate being the biggest challenges in building this application?

I’m anticipating that it might be some errors when I try to search the image in the unsplashAPI for the igredients names in the [spoonacular API](https://spoonacular.com/food-api), but I’m sure I’ll figure it out