**Problem statement:** I want an easier way to store and find online recipes I’ve used before, share them with my family, and view them in an ad-free way.

**Product vision/solution:** A full stack app where the user can save recipes, search their collection by ingredient, and view recipes in a standard format in-app.

**Use cases:**

* Create/save recipes in a collection
* Retrieve/view recipes in the app / Search recipes
* Update/edit recipes in the app
* Delete recipes from a collection

Create/save recipes in a collection

* As a user, I must be able to input recipe data: recipe name, ingredients and steps
* As a user, I must be able to save the recipe data to the database
* As a user, I want to be able to logon to an account and see just my saved recipes
* As a user, I want to be able to enter a URL and automatically extract recipe data
* As a user, I want to be able to add tags to my recipes for sorting

Retrieve/view recipes in the app

* As a user, I must be able to view the recipes I saved to the database
* As a user, I want to be able to search the recipes I saved by keyword
* As a user, I want to be able to search for new recipes by keyword

Update/edit recipes

* As a user, I want to be able to edit the data in an individual recipe and update the database

Delete recipes

* As a user, I must be able to delete recipes I’ve added to the database

Red = the basic CRUD steps

API Endpoints:

GET /recipes/ – get all the recipes

GET /recipes/:id – get a single recipe

POST /recipes/ – create a new recipe

DELETE /recipes/:id – delete a single recipe

PATCH /recipes/:id – update a single recipe