**Recipe Share MVP**

**Overview**

Recipe Share web application. Users can read, download, print recipes, and share their own! Build a recipe community.

**Features**

Landing page:

* Five most viewed (or highest average rating) recipes
* Random recipe (and “I feel lucky’ button to refresh)
* Search Recipe database:  
  1) Text prompt (semantic search) – vector search using titles, descriptions, and tags  
  2) Search by tags  
  Titles, #views and/or average rating  
  Limit number of results  
  Ordered by views and/or “likes”/favorited
* Recipe Writer link
* User login/registration (or can be “guest”)
* Edit Profile (if registered)

Recipe “Card”:

* Title
* Ingredients
* Steps
* Description
* Photo
* Tags
* Contributor link to profile (or “guest”)
* Printable version link
* Generate grocery list? link

Recipe Writer:

* Editable fields for above
* Description LLM generation (for those with writer’s block)
* Preview
* Save Recipe to database
* Can registered users also reopen and edit their recipes?
* Registered users can fork other’s recipes and create variations?

User Profile:

* Name
* About
* Photo (optional)
* Email Address (optional)
* Favorite Recipes
* Recipe Contributions

Help Page?

**Back End**

* MongoDB No-SQL database (Prepopulated with sample recipe’s from <https://www.kaggle.com/datasets/pes12017000148/food-ingredients-and-recipe-dataset-with-images>, and descriptions generated using ChatGPT)  
  Collections: recipes, user profiles
* Structured DB for users, favorites
* Flask REST API
* User registration/login/