

Recipe App RecipeBook - Share your original recipes

Jana Micaela Gablan: c3gablan

Jennifer Leung: c4leungj

Romal Peccia: c4peccia

Dongshi Zhao: c4zhaodo

Description

RecipeBook is a recipe-sharing web application that allows users to discover and evaluate others' recipes and upload their own original recipes. The main actors who would be using this web app are those who design their own recipes, and those who try out the recipes and evaluate them. Any user of this web app may try any recipe and evaluate them, but everyone need not to have their own recipe to be a part of this food community. The web app attracts both food makers and those who are lurking for recipes to try.

How it works

RecipeBook is a recipe-sharing web application. Users who want to be a part of the recipe-sharing community must register on the website. They would have the option to upload a recipe or browse recipes; and rate and leave a comment on them. Users earn points for uploading a recipe, and the web app stores others' ratings for that user's recipe. Users who evaluate recipes on the other hand, earn up or down votes depending on the context of their comments. The recipe uploaders themselves may comment on their own recipes to interact with users who are evaluating them.

Challenges for RecipeBook

Culinary artists of any caliber will have a simple way of sharing, and requesting recipes with the help of RecipeBook! Certain information such as potential cost of ingredients and healthiness rating may be added when a user creates a recipe to share with others. This would help more users determine which recipe they would like to try out and then provide feedback. Users would also be able to post pictures of their creations on a certain recipe in the recipe's comments section.

Basic Features

- **User authentication:** Users will need to create an account in order to access RecipeBook. The only information that needs to be provided is a username that will be publicly viewable, and a password for their account.

- **User Profiling:** Each user's profile will include a list of all their recipes they provided, their comment history, and other basic information if they choose to provide it. Users will also have an overall rating based on the ratings of their submitted recipes.
- **Recipe Pages:** Users will be able to upload recipes. Each page will consist of images of the dish, tags that describe the dish, the list of ingredients, and the steps to create the finished product.
- **Social Networking:** Users will be able to comment on recipes.
- **Reputation System:** Users are allowed to rate any public recipe or comment on a recipe. Recipes will be allowed a 1-5 star rating and comments can only be up-voted or down-voted.
- **Searching:** Users will be able to search for recipes based on different criteria, such as meal (breakfast/lunch/dinner), rating, style, type, time.
- **Recommendations:** Users will be displayed recipes based on their search history.
- **Admin:** There will be several admin profiles for this app. Admins are allowed certain user account actions such as banning accounts or removing content if rule-breaking.

Additional Features^{*}

- **User interaction:** Users are allowed to create private groups within the app. Any recipe listed in the group will be private and only users within that group are able to access it. Users will be given a chatroom for the group viewable only if a member of that group. Users are also able to subscribe or follow another user's profile which will give them updates of any newly added recipes by the user they are following.
- **Email Authentication:** Users will have to register their email, and will then receive an email which confirms them and allows them to start an account.
- **Daily/Monthly/Yearly rankings:** The best recipe of the day, month, and year will be displayed on the home page of the app.
- **Searching on homepage with categories:** The home page will have a drop down menu that allows users to quickly search for recipes of a certain category (ex. Dessert, Soup, Pasta, etc.).
- **Ranking Search results:** Results for searches may be sorted in newest, highest rating, and popularity(number of comments and total times it has been rated).

^{*}Additional features will be implemented if we extra time left to work on after completing all basic features.