

Beta Release Features

User Accounts

Users can create an account on Lattice and from then on sign in with that account. Accounts have kitchen settings like number of stove burners and ovens. A user can change these settings when logged in to their account.

Upload Recipes

Users can upload their own recipes using the recipe upload form accessible from the “Upload” tab near the top of the page.

Search for Recipes

Users, logged in or not, can use the search page, accessible from the “Search” tab near the top of the page, to search the recipe database by recipe title or recipe tags. They can view the details of specific recipes by clicking on them from the search page, and can add recipes to their meal either from the search results page or the recipe details page. Once recipes have been added to a user’s meal, they are visible in the “meal” section of the sidebar.

Combine N Recipes

Users, once they have added recipes to their meal, can use the “View Meal” button in the sidebar to view the recipes currently in their meal and remove recipes from the meal if desired. The “Combine!” button on that page runs the recipe combination algorithm and displays the result to the user. Any number of recipes can be combined into a single meal.

Beta Release Non-Features

Secret Recipes

All recipes are public and can be searched for and used by anyone, including anonymous users.

Saving/Printing Generated Meal

Generated meals cannot be printed or saved, and once the user navigates away from the page display it, it is gone.

Generated Meal Visualization

Generated meals are displayed as a list of steps with their associated start times, but are not visualized in any way. A planned but unimplemented feature is to visualize the combined meal with some kind of bar chart.

Combine Recipes with Multiple Cooks

The back-end is capable of generating a meal that expects multiple cooks to be performing steps simultaneously, but the UI does not yet expose this functionality.

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Scaling Recipes

Recipes cannot be scaled to arbitrary numbers of servings. This is a stretch feature that may never be implemented.

Preventing Oven Use After Preheating

The recipe combination algorithm currently does not know that an oven is in use after being preheated. This can lead to incorrect recipe combinations in cases where the oven is used at multiple different temperatures.