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**Title:** Ingredient Tracker

**Description:** An application that can recommend recipes based on what ingredients a user already has. Can also list ingredients needed to make a given recipe.

**Actors:** user

**Functionality:**

* User can sign up
* User can log in
* User can add ingredients and amounts to digital pantry
* User can adjust amounts of ingredients in pantry
* User can remove ingredients from pantry
* User can search for recipes that only use ingredients already in pantry
* User can sort recipes by number of ingredients not in pantry needed
* User can auto adjust ingredient amounts down by the amount used in a recipe
* User can list all ingredients needed for any recipe
* User can add custom recipe
* User can define substitutions, allowing some ingredient to count as any other chosen ingredient when searching or sorting recipes
* User can blacklist chosen ingredients, hiding recipes from search and sort
* User can save recipes
* User can browse his/her recipe history

**Stretch Functionality:**

* Track cooking devices owned and needed
* Build substitutions into recipes