

P1 Proposal: Subsgredient

Brief Project Description:

This app enables users to find ingredient substitutions for recipes based on the category and calorie counts of the ingredients. The app makes use of Red-Black Trees to efficiently search through the ingredients data and retrieve it in a sorted manner. The data is loaded from a local data file that the user specifies.

Representative Tasks Performed Using this Application:

1. Find an ingredient that is a good replacement for passion fruit.
2. Display statistics of the ingredient data set.

Dataset:

For this app you will work with [this ingredients dataset from kaggle](#).