

Project Proposal: Three Wise Desserts

Three Wise Desserts will be your go to database for desserts. It will allow you to query by name, ingredients and general cooking information.

1. List of data sources

Our plan is to utilize Allrecipes.com dessert landing page. Where we will be able to scrape the name and URL for each recipe listed. Utilizing the URL we will build code to loop through each URL to scrape the remainder of the data needed.

<https://www.allrecipes.com/recipes/79/desserts/>

2. Inspiration!

Our inspiration has been taken from our childhoods where we grew up learning how to bake from our parents. We have taken inspiration from other websites and how they allow users to sort and search for different recipes. Different website are slightly different and we plan to get the best of both worlds.

3. Project Structure

Our project will produce three different tables with will consist of both primary and foreign keys. These three tables will combine into a junction table.

- Table one will include an index number, recipe name, URL and rating.
- Table two will be an ingredient lookup table.
- Table three will consist of ingredient measurements.
- Table four will include general recipe information such as prep time, cook time, total time and servings

4. Breakdown of roles

Proposal – Ericka

Database Diagrams & code – Kidist

Main page scraping – Kelli, Ericka, Kidist

Recipe page scraping – Kelli, Ericka, Kidist

Data cleaning - Kelli

Write-up - Ericka