

Team 101-4 Name: MergeSort();

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Idea: Grocery / calorie / budget – primarily a phone app / cloud hosted

Idea Name: Food Tinder (Subject to Change if we come up with something more clever!)

Application Description:

The plan for our meal planner is to target primarily college students, or those who are trying to stick to a budget while shopping for their groceries. This app will allow the user to select their weekly budget and daily calorie intake. Based on this, our app will create a list of possible recipes the user might be able to make along with a grocery list for that week. Once all the options are set in place, the app will move the user to a screen with photos and names of all the recipes they might like, similar to how the Tinder app works.

There will be many options for the users to choose from when sorting for the recipes they can make. There will be blacklists for certain allergies to block out things such as peanuts, and then they will also be able to say if they would like to have Italian food and whether or not that be vegan or vegetarian. Health factors with calories and diet along with budget will be the main user experience for this app, along with swiping to match each user with recipes they will love.

Vision Statement:

For college students or those trying to stick to a budget

Who are looking to plan meals and potentially stay healthy

The Food Tinder app is a Food and Beverage category

That plans your meals and allows the user to easily schedule out meal prepping

Unlike Meal Mate or Tender, our product will be more based on your requirements suited to you and a weekly budget



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JoshHiddenTrove

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SmallProjects

Just small projects that don't warrant a separate repository

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Development Method: Agile

Communication Plan:

We have a text group with everyone's numbers, as well as each other's emails. With this we meet up every week in our recitation. Our weekly meetings outside of class help us stay on topic and make sure no one is falling behind. Other than that, our only tool is GitHub.

Proposed Architecture Plan:

We will need web hosting servers, perhaps AWS. Python and SQL will be running for the data queries and backend, and ReactNative compiles out code into both Android and IOS. For the front end it will mostly be HTML5 but ReactNative will be for frontend as well.

Meeting Plan: Tuesday's 4-6 or Thursday's 4-6 @ Math Library - Josh will reserve study room. This will all be face to face meetings.