Scope Document:

Needs:

* Definitions and Background
  + Abbey
* Resources/Requirements - High level
  + Jess
  + Jawad
  + Database - Kevin
* Scope and Boundaries
  + Rayyan
  + Dillon
* High Level Design Diagrams
  + DB Schema
  + UML Object Designs for scripts
* Schedule/Gant Chart
  + Workflow for project
  + # of sprints before prototype
* Database
  + Jawad
  + Jess
  + API/Data Structure/ Product
  + Similar websites

For the front-end side, we need to know what data is available to collect with the web scraper or parseAPI. If we are able to use parsehub to get the UPCs off of the retailers we will be able to do one to one comparisons and easily match products with the exact products from other retailers. But if we don’t have a matching data column for all retailers we will not be able to do exact product matching.

We can also use openAI API to collect the data from the product APIs or if we decide to use the parseHub. We can plug in the API key to the openAI and are able to extract the exact features we want from the data collection. in the future this will make it very easy to add the data needed for new features.

We use parsehub to collect the data from available retailers if they offer UPCs. But if we cant access the UPcs we wont have the feature of matching the prices on exact stores.

I can figure out the walmart I think I was able to get a free api key from them but if we have these api keys for the database we can all just sign up one month after the next and be able to plug in the api keys seperatly and that’s it. Or we can just see what other retailers youre able to get off parsehub. I want to also talk to the database people to see how theyre getting the data on. If we have a bunch of people on that we can easily get a database up and running and the rest is all adding features and more things to the database

So maybe we figure out 3-4 different retailers where we can access the upcs and we can create a very easily adjustable database