



Project Status report

Name:	Michael Osachoff
Community (UN SD goal):	Responsible Home Cooks – 12. Responsible Consumption and Production, 13. Climate Action
MVP #	1
Sprint cycle dates:	Oct. 17, 2023 – Nov.3, 2023

Project Name	ConsciousCart: Shopping & Cooking for Waste Reduction
Blurb	As part of the United Nation's 17 Sustainable Goals, individual consumers are asked to reduce their waste, and be thoughtful of what they buy and to choose sustainable options whenever possible. This includes reducing, reusing, and recycling waste created by food whenever possible, and to utilize composting and proper disposal of organic waste whenever possible. There lacks an easy-to-use application for tracking and reducing a home cook's waste based upon the recipes that they create.
For Week Ending	Oct. 31, 2023
Project Status	Yellow
Status Description	There are only 5/7 of the packages completed as defined in the Activity-based schedule. The major details for recipe creation such as name and the waste scores are missing. Sending of the completed recipe to the backend is also incomplete. Completion of these missing features will move the project back into the green.

Activities—During the past sprint cycle

Completed activities:

- MongoDB database creation.
- API with request to find products.
- Basic Flutter project with tabs created and ability to start a recipe.
- Search for products with API.
- Add and remove a selected product from search result to recipe.

Project Issues

- Searches are not "smart", returning too many results that may not be related, and it can be hard to determine the difference between products.
- Products can be added multiple times (not checking for product id before updating list)
- Searches are staying after product added / recipe created.

Project Changes

Switching from a MERN stack to a MEFN stack. From what I could tell, Flutter has better cross-platform capabilities for stand-alone applications compared to react, and I have more experience in flutter application development compared to React application development.

Activities—Planned for Next Week



Finish activities in MVP 1. This includes the “Show and add details to the recipe (recipe name, waste scores)”, and “Send completed recipe to the backend”. Then move onto improving the recipe creation tab by adding ingredient amounts or serving sizes and thumbnails for improved searching capability.

Reflection

Do you feel "on track"? I feel slightly behind, I think my database might be a poor tool to use in its current state and might be missing quite a few products that I may even have within my home that I would want to add to it. I think the front-end is in an okay position but needs a bit of makeover to make it look better.

What progress do you particularly feel good (great) about? A lot of the skeleton is ready, the database can be expanded upon, if need be, but its ready and working, and the frontend is able to communicate with it at a good rate.

What barriers (if any) do you feel is/are a current impediment to success? Time, with Capstone project work and other class work creeping upon the horizon with no break as a bail out, I may run out of time to consistently add to this project. Products, as stated before there may be several products available in Canada or at my local grocery store that simply may not be available in my current database.

What help (if any) do you require to move positively forward? I don't think I need any specific help; I just need to keep plugging away at the tasks until it is complete.

What questions or concerns do you have (if any)? Does this need an official deployment of any sorts? Or can I just run the project as a local application throughout its entire lifecycle in this class and not worry about hosting the API and making the application available for others?
