

PROJECT STATUS REPORT

Project Name Recycle Smart

Blurb

My project intends to focus on the enforcing and strengthen our current understanding of sustainability by recycling materials responsibly. This project focuses on the United Nations Sustainability Goal: Responsible Consumption and Production. This project focuses on the sub goals: 12.5: By 2030, substantially reduce waste generation through prevention, reduction, recycling, and reuse. 12.8: By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature. The community orientation focuses on content system where knowledge is accessible by the user to find information about certain waste materials they wish to recycle and where locally they can dispose of them.

For Week Ending

March 8, 2021

Project Status

Green

Status Description

[Provide an overview of the project's current status. If the status is yellow or red, indicate:
* The reason(s) that the status is yellow or red.
* The planned action(s) that will bring the project back to a green status.]
Currently, I am on track of finishing MVP 1. I have made my base of user interface and added the search functionality. I have used the Waste Wizard API together with Postman to see what JSON data I can extract and collect to display to the user.

Activities—During the Past Week

[List all activities that the team members worked on during the past week of the project. Show code and/or demo what you got]

Reversed engineered the Waste Wizards API calls. Using Postman to find all the base URLs I need to gather the information I need.

Made the base setup for the application. The user interface is based on a 3-tab format where the functionality of the application is reflected on the mid/high fidelity prototypes.

Created a search bar and started to implement to display the information.

Activities—Planned for Next Week

Add the caching functionality for previously searched materials for ease of access for the user. Setting up a database to store previously searched material IDs.

Add some styling and to the user interface to make it look better.

Project Issues

To reduce repeated calls to the API, I have added a debounce that will slow down gathering of data. In my application it takes a while for the information to load and display.

Project Changes

Changes made: Color for the user interface is being turned for a more suitable color (dark mode).

Reflection

[Do you feel "on track"?

What progress do you particularly feel good (great) about?

What barriers (if any) do you feel is/are a current impediment to success?

What help (if any) do you require to move positively forward?

What questions or concerns do you have (if any)?]

I do feel on track since I have completed the bases of my user interface and have also added functionality.

I feel good about being able to add the functionality of searching material and being able to grab the data from the Waste Wizard API.

The barriers that are currently impeding my success is the functionality of the searching as it is not fast to gather information and display. I do not want to make repeated calls to the API.

For now, I do not need any help to move positively forward.

The only concern I have is for my MVP for using Adobe Aero as it will be my first time using it.
