Retrospective: Carbon Footprint

Sprint Goal

ID	Name	Type	Creation Date	Description	Assigned to	Size	Estimated time to complete	Priority	Dependencies	Notes
US5	Reset	F	10/12/2021	As a user, I want to have the ability to reset the calculator so that I can put in another entry to be calculated.		Small	Short time	Medium	US1	
Task 5.1	Button to Reset				ABBY					
US15	Calculator Performance	NF	10/11/2021	As a user, I want the results of the calculator to come within seconds so that I am not waiting for my results.		Small	Short time	High	US2,US3,US4	
Task 15.1	Check Performance				All					
US17	Score feedback	F	10/12/2021	As a user, I want to get feedback on my total CO2 emissions so that I can reduce my total CO2 emissions.		Medium	Short time	Medium	US2,US3,US4	
Task 17.1	Give score feedback				Patttyyy					
US18	Units	F	10/12/2021	As a user, I want to be able to choose a unit of measurement so that it is easy for me to input my data and I don't have to convert it.		Small	Short time	Medium	US2,US3,US4	
Task 18.1	Have the app change units based on location, also a spinner to change the units manually				ABBY					
US19	Edit entered data	F	10/12/2021	As a user, I want to be able to edit the Transportation, Home Energy, and Waste data I enter so that I can put the correct information and get accurate results from the CO2 emissions calculator.		Medium	Short time	Medium	US2,US3,US4	
Task 19.1	Ability to edit entered data				Emmyy					
US20	Calculator Usability	NF	10/12/2021	As a user, I want the calculator to be easy to use and if I were to incorrectly input my data I would want to be able to change/adjust said data even after everything was calculated so that my data is more accurate.		Medium	Short time	High	US1, US13	
Task 20.1	Make calculator easy to use				All					
US21	Warning Message	F	10/12/2021	As a user, I want to be warned when performing opererations such as reset, so that I never lose my data.		Small	Short time	Medium	US5	
Task 21.1	Add warning message for some functions				ABBY				1	
US23	User experience	NF	10/12/2021	As a user, I want a user interface with colors, sounds and images so that the app is appealing to use.		Large	Short time	Medium		
Task 23.1	Deal with overall design and experience				All					
US24	Help	F	10/12/2021	As a user, I want to be able to use the help page when I don't understand a feature in the app so that I can get help where I need it.		Medium	Short time	Medium	US16,US17	
Task 24.1	Add help icon on toolbar				Patttyyy					
US25	Tips icon	F	10/12/2021	As a user, I want to have the option to see environmental tips so that I learn the ways I can reduce my CO2 emissions.		Medium	Short time	Low	US17	
Task 25.1	Add tips icon on toolbar				JohnnyBoy					
US26	Information page	F	10/12/2021	As a user, i want to be informed about what the app does, how it works, etc. So that I know what app i dowloaded		Medium	Short time	Medium	US17	
Task 26.1	add information page to explain app				JohnnyBoy					
US27	Storage of app	NF	10/12/2021	As a user, I want the app to not take too much space on my device so that I can save storage on my device.		Medium	Short time	Medium	The Device	
Task 27.1	Optimize app storage				All					

Number of stories planned versus implemented
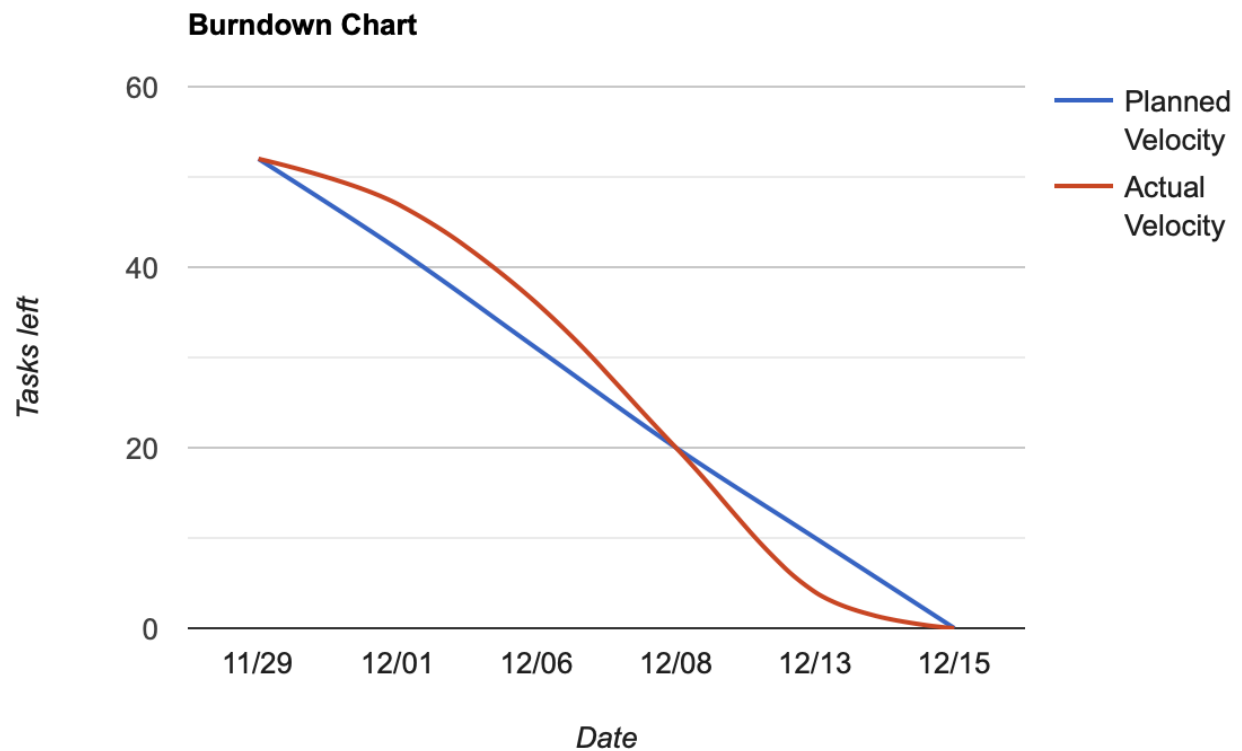
Number of stories planned: 14

Number of stories implemented: 14

Planned versus actual velocity

Planned velocity = 52

Implemented = 52

Some of the user stories were adjusted or merged.

Burndown Chart

Tasks left (y-axis): 0, 20, 40, 60

Date (x-axis): 11/29, 12/01, 12/06, 12/08, 12/13, 12/15

Legend:
- Planned Velocity
- Actual Velocity

Sprint Retrospective Written Summary

What should the team start doing?

> We figured the coding out. Now, we have to work on the final presentation and the poster.

What should the team stop doing?

> Delaying work until the end.

What should the team continue doing?

> We should continue to communicate.

Status of the evolution of the Product Backlog

We added a Data Visualization page that was unplanned and merged the help and tips user stories.

Statistics from Github

Sep 19, 2021 – Dec 15, 2021

Contributions: **Commits** ▼

Contributions to main, excluding merge commits and bot accounts

alotaibi123 #1
63 commits   106,295 ++   100,097 --

PatrickDwyer123 #2
40 commits   67,629 ++   75,685 --

JohnBeltran4 #3
17 commits   91,794 ++   30,544 --

ehiltsey3 #4
15 commits   17,214 ++   13,367 --