
Green & Healthy Schools

Sprint 3

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Agenda

01 Introduction

02 Team

03 Data Results

04 What's next

05 Web Visualizations

06 Performance Overview

07 Closing

01 Introduction

- Developed a user-friendly web interface for educators to manage school environmental data and initiatives.
- Centralizes information on energy consumption, waste management, water usage, carbon emissions, and environmental projects.
- Facilitates collaboration and knowledge-sharing among schools.
- Clients: Brenda McDaniel & Jenna Mobley from Gwinnett County Public Schools



02 Team

Nhat

Data Analyzer
Project Documentation



Shantel

Data Modeler
Client Liaison



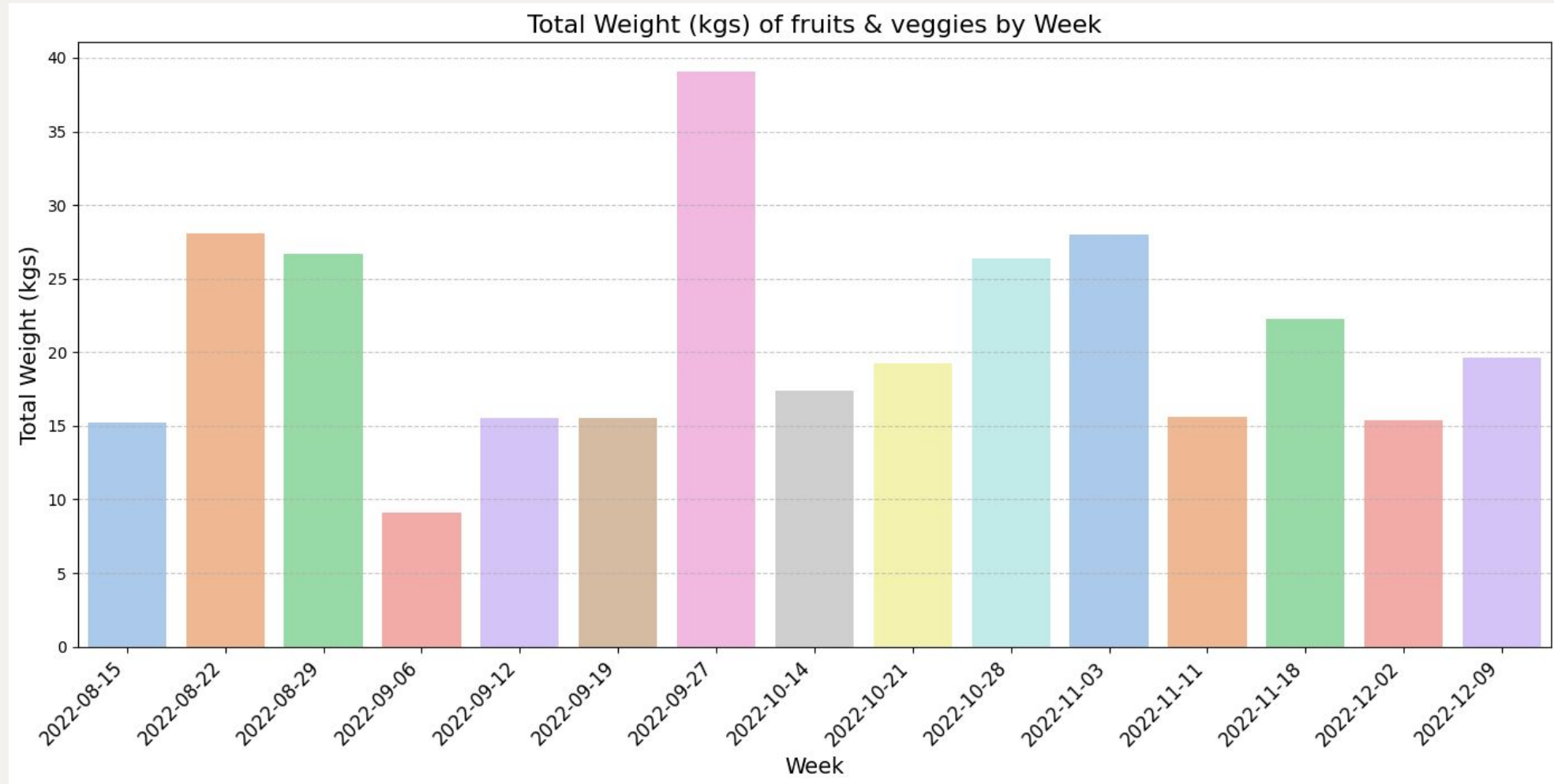
Janett

Visualizations
Team Manager

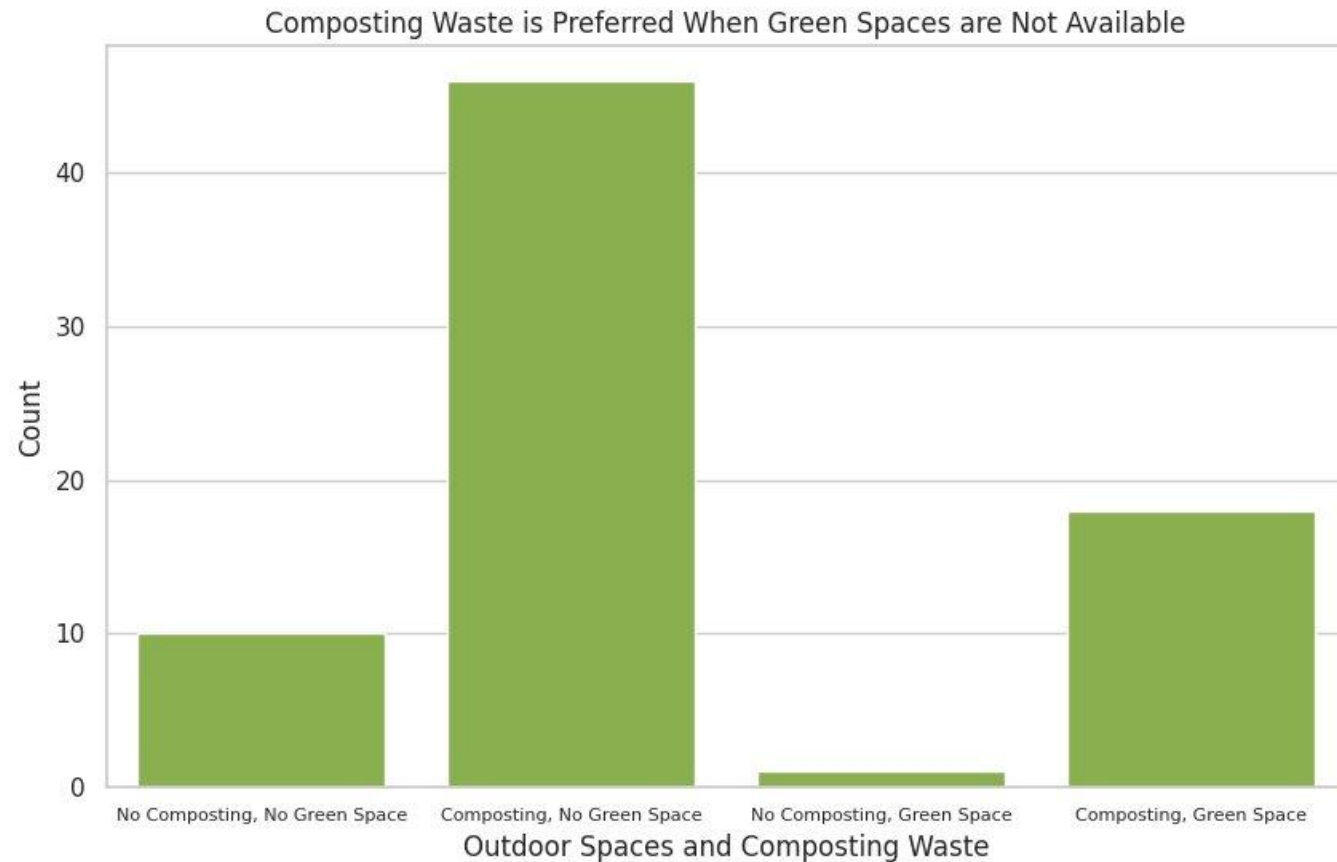


03 Data Results

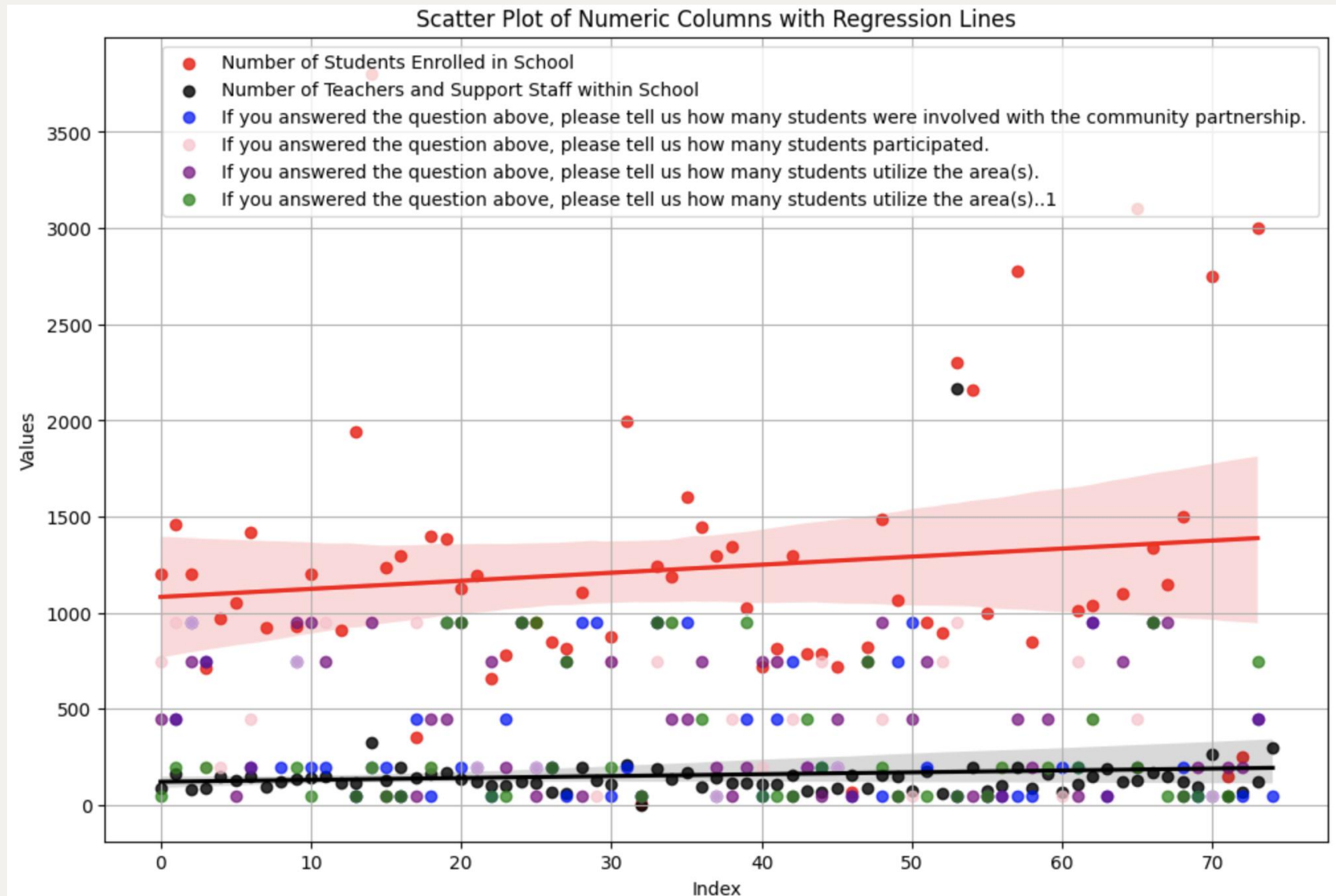
Total Weight Composted Each week



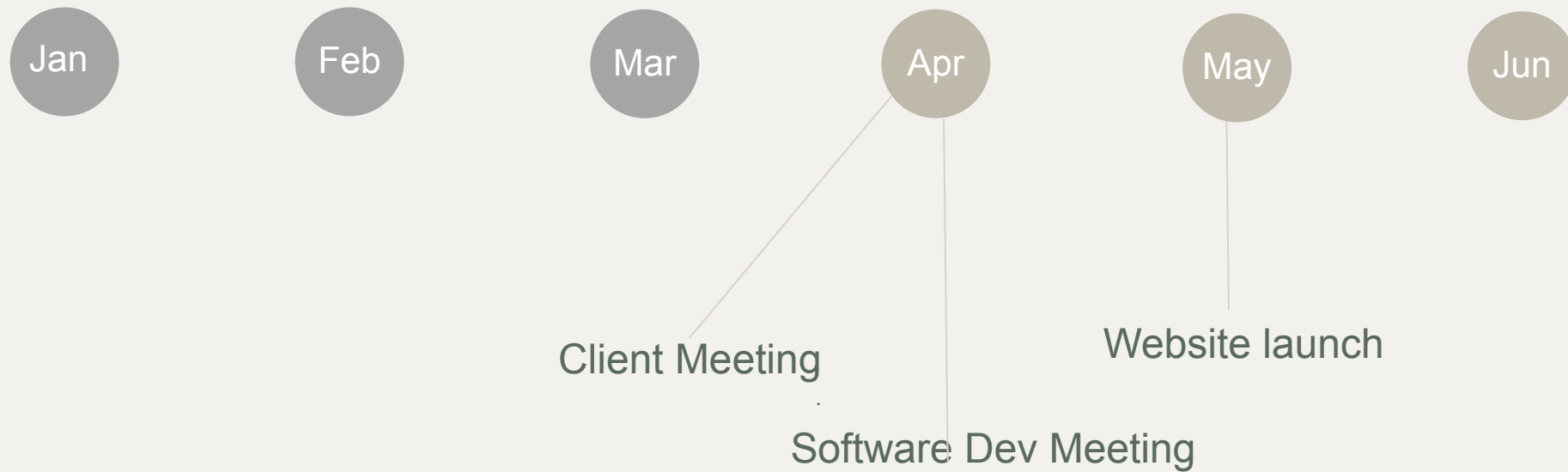
Composting & Green Spaces



Student Participation



Sprint 3 timeline



04 What's next



Features Implemented

1. User-Friendly Web Interface
2. Comprehensive Database
3. Real-Time Data Updates
4. Dynamic Dashboard
5. Automated Statistics Updates
6. Google Sheet Integration

Future Features



1. Expand Database for Additional Inputs
2. Incorporate Media File Submission
3. Organize Media Files by Project Category
4. Expand Dashboard with Additional Filters

Web Visualizations

[TEACHERS](#) [PARTNERS](#) [PROJECTS](#) [ABOUT](#)

project-submission works!

GHS Environmental Profile Questions

Welcome to our profile form for Green and Healthy Schools Program. Please provide the required information below to share your school's progress.

* Indicates required field.

Your Form has been submitted successfully

* School Name:

* Name of GHS Teacher Representative:

* Email of GHS Teacher Representative:

* Number of Students Enrolled in Class:

* Number of Teachers and Support Staff within School:

* Select your school level:

* What classes/subjects you are teaching? (separate by comma):

Section 1: Student Environmental Projects

Describe a student project that addressed real-world environmental issues:

1) Who did the project (grade level, class, club, etc):

2) Project description:

3) What was this project's outcome/impact:

Submission Form

project-submission works!

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* Indicates required field.

Your Form has been submitted successfully

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* Number of Students Enrolled in Class:

* Number of Teachers and Support Staff within School:

* Select your school level:

* What classes/subjects you are teaching? (separate by comma):

Section 1: Student Environmental Projects

Section 2: Community Partners

Section 3: Food Waste

Section 4: Composting

Section 5: School Gardens And Outdoor Learning Spaces

Section 6: Indoor Growing System

Section 7: Grants and Funding for Environmental Projects

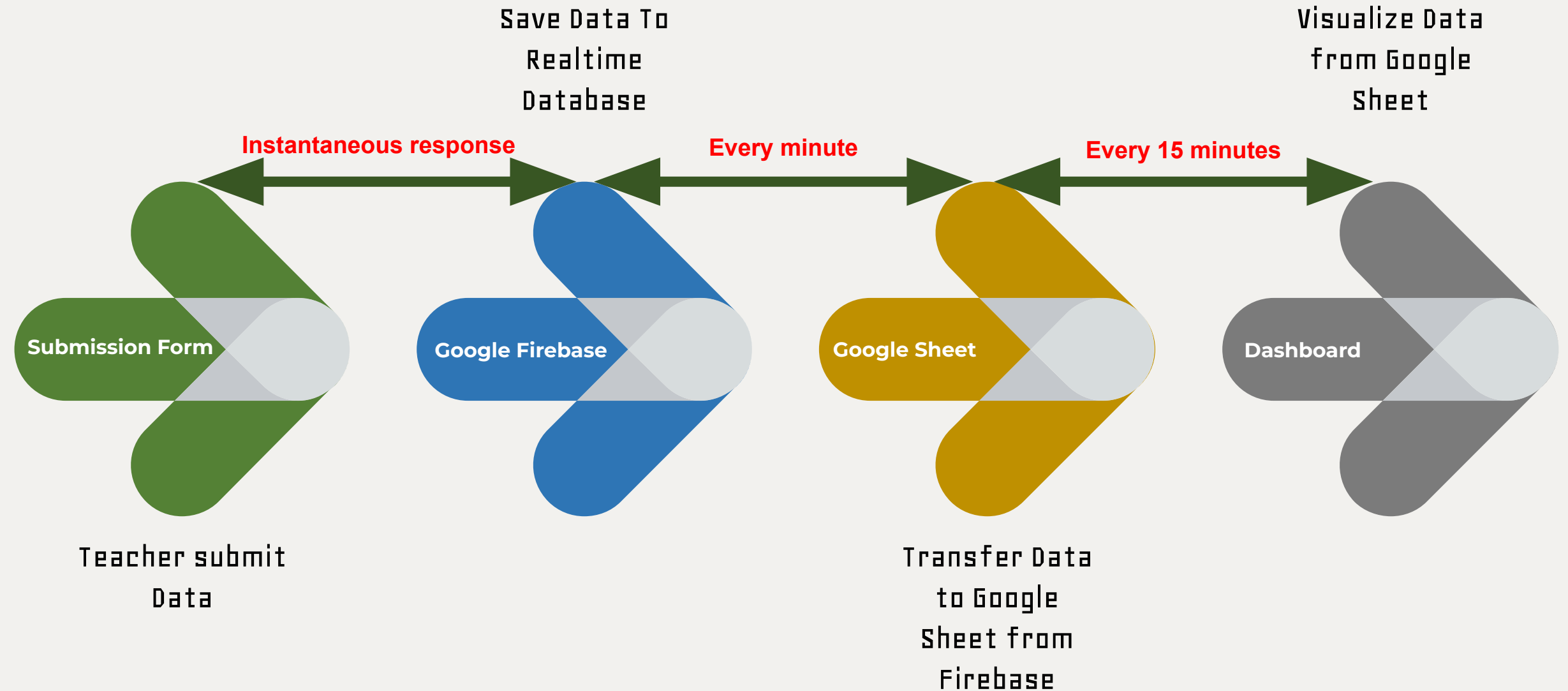
Section 8: Recycling

Section 9: Water Education

Section 10: Project Images

Submission Date and Time (ex: 04/23/2024, 03:38:25 PM EST):

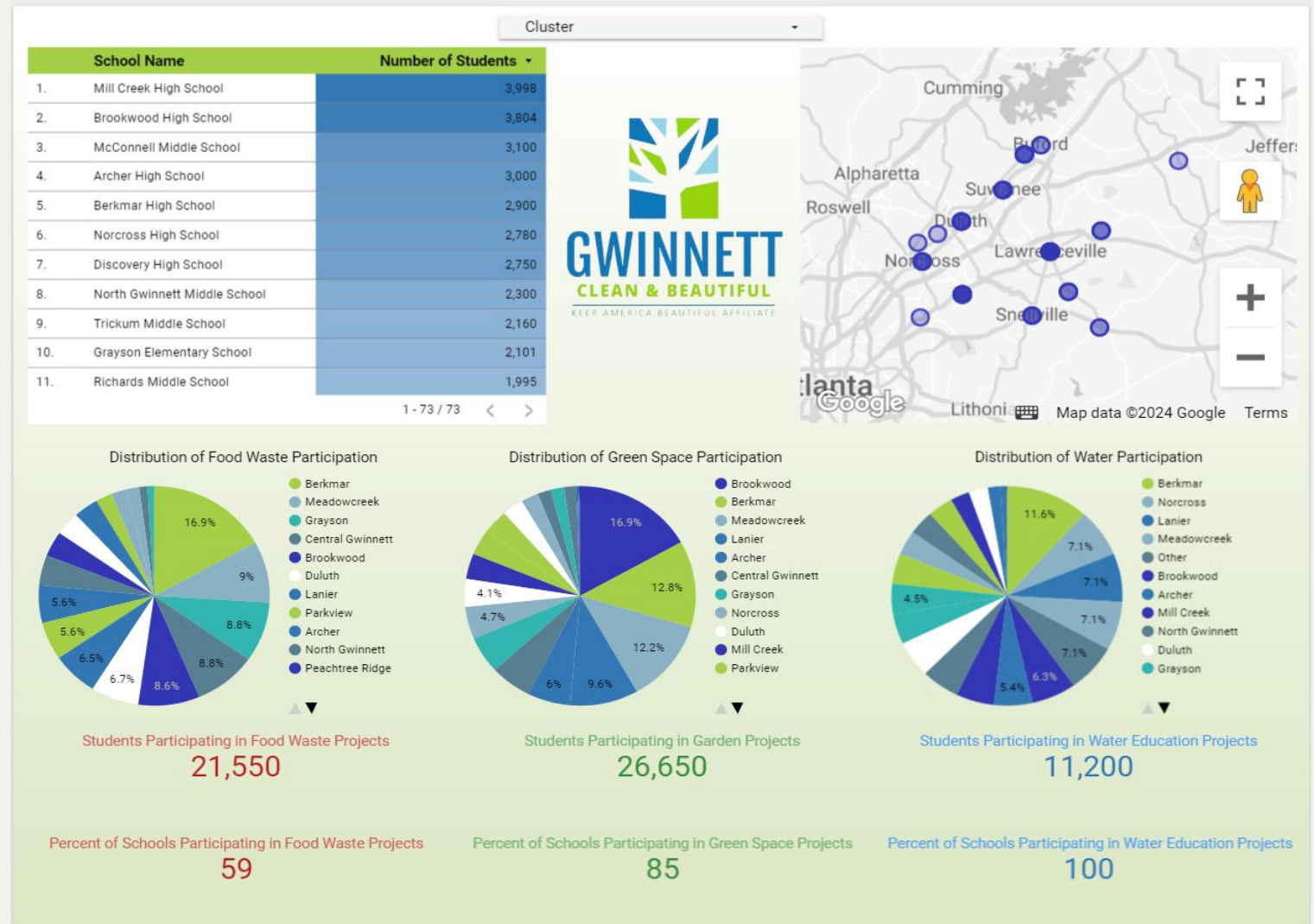
DATA FLOW



Dashboard

- Dashboard Features:
- Interactive Map: Displays schools in Gwinnett County relative to each other.
- Visual Data Representation:
- Pie Charts: Illustrate key metrics with clear visuals.
- Color-Coordinated Labels: Enhance data readability and understanding.
- Dropdown Menu: Enables selection of specific schools to view detailed data.

[Dashboard Link](#)



06 Performance Overview

Team Collaboration & Roles

Our team embraced collaboration by sharing ideas, skills, and responsibilities to achieve project goals effectively

User Feedback

We actively gathered feedback from end-users to validate and refine our deliverables, ensuring they met user needs and expectations

Compliance & Standards

Ensuring project activities and deliverables meet specified requirements

Adaptability

Emphasizing agile practices, we prioritized collaboration and iterative development

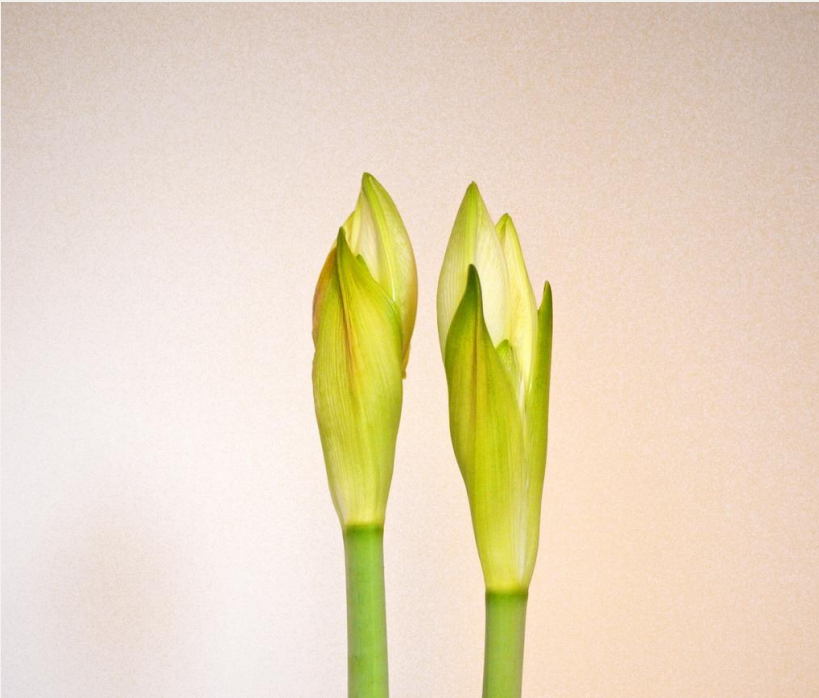
Emphasis on Delivering Value

Focusing efforts on delivering tangible and meaningful results

Continuous Improvement

Regularly seeking ways to optimize and refine project approaches

Goals for Sprint 1



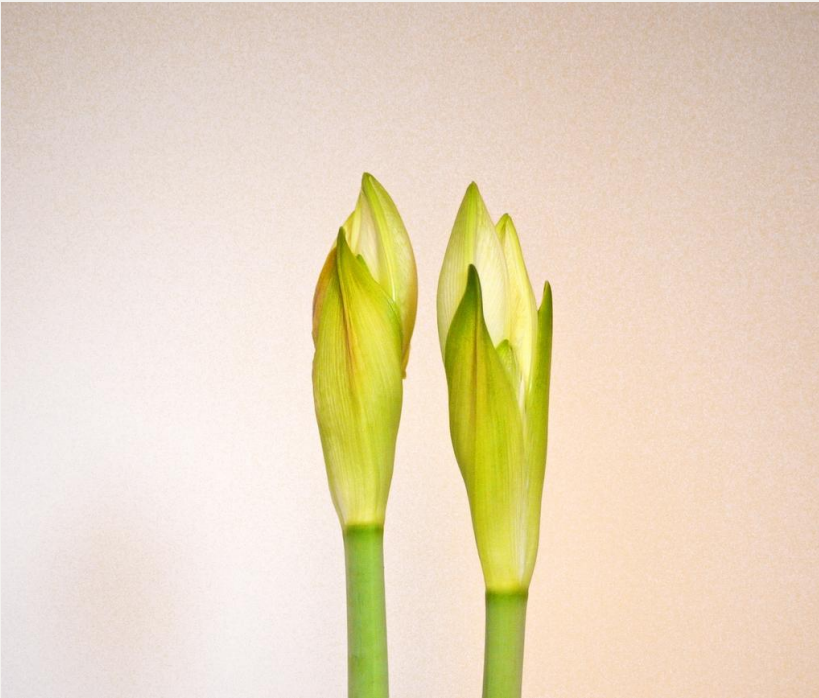
1. Collect project requirements from client
2. Project planning
3. Data collection and cleaning
4. Create draft of the web-based form
5. Research and configure a database

Goals for Sprint 2



1. Finalize Form
2. Edit code and database configuration
3. Meet with SD team
4. Merge our code with SD
5. Work on Web Design
6. Create Analyzing Tools

Goals for Sprint 3



1. Fix the collapsible sections
2. Use feedback to update the dashboard
3. Attach updated dashboard onto the website
4. Have a full functioning form connected to a database

07 Closing

We are currently collaborating with the software development team to integrate our dashboard into their website and consolidate our databases. The project is still a work in progress, and we aim to complete it by next week.

