Weekly Team Task Report

Team: S.A.R.C.I.	Date: 4/14/2022
Project Title: Site Weather and Power Recorder	

	Dylan		Randy		Vidal		Jabril
	Present On-time		Present On-time		Present On-time		Present On-time

Recent Meetings:

- 4/7/2022 @ SICCS
- 4/12/2022 @ Discord/Zoom

TASKS COMPLETED since last meeting:

Task Title: DR3 Presentation	Who(%): Equal Split	Orig. Due Date: 4/15	Status: IN-PROGRESS
Who (%): Equal Split			
Description: Finish DR3 Presentation			
Expected Outcome: Have complete DR3 ready to present			

This Week's Tasks: Work plan for coming week

Task Title: Finalize Subsystems	Who(%): Equal	Orig. Due Date: 3/28	Status: IN-PROGRESS
Who (%): Equal Split			
Description: Practice Design Review II presentation			
Expected Outcome: Finish all Subsystems to full alpha prototype/ Get them all connected and working			

Task Title: Capstone Presentation(+ dry run)	Who(%): Equal Split	Orig. Due Date: 4/15	Status: IN-PROGRESS
Who (%): Equal Split			
Description: Complete our Capstone Presentation and Dry Run with Han			
Expected Outcome: Have complete capstone presentation ready to show to our client and mentor			

Upcoming Tasks: Planning

Task Title: Completed Team Website	Who(%): Equal Split	Orig. Due Date: 4/15	Status: PLANNING
Who (%): Equal Split			
Description: Complete our Team Website			
Expected Outcome: Have complete website ready to show to our client and mentor			

Other Problems / Other Issues: N/A

CURRENT TASK LIST

Vidal: historical view modifications
Dylan: UGRADs, finalize website
Randy: List view pagination(must do) **Complete* Dylan Helped, UGRADS**
Jabril/Randy: Testing Plan/find bugs with the website

Dylan, Vidal, (Others if they want) Website Completion (due Thursday 3/31)

AGO ONGOING TASK LIST

Simulator 04/22/2022
- Comment and refactor code
- Add the ability to stop the simulator within a script

Optional:
- Create a generation of SWAPR data based on the last generated entry
- Randomly create Invalid SWAPR data for entries

Reader 04/22/2022
- Comment and refactor code

Optional:
- Save data to text files locally
- Add the ability to stop the simulator within a script

Database 04/22/2022
- Comment and refactor code
- Move the identity database to our RDS
- Fully load the database prior to loading windows on website

Optional:
- Store the notifications in the database

Website 04/22/2022
- Comment and refactor code
- Host the website in an EC2 instance (still waiting on client permissions fix)

List View
Optional
- Add settings for showing pages or editing the number of widgets on the page
- Add ability to save an image/snapshot of the loaded list view

Map View
- Include historical view opening on a new page

Optional
- Add ability to save an image/snapshot of the loaded map view
- Cache the loaded information for the map view/periodically regenerating image
- Add customization settings for the site marker eg. color, shape, size)

Download

- Parameterize the filename so the user can specify the path

Notification
- Create/handle >1 notifications (currently can create and present 1 notification)
- Clear all notifications
- Finalize displaying multiple notifications and closing notifications

Identity
- Get database tables to working state in our database

Historical View
- Provide pre-built graphs that give a general view of the entries (set default graphs for Historical View page)
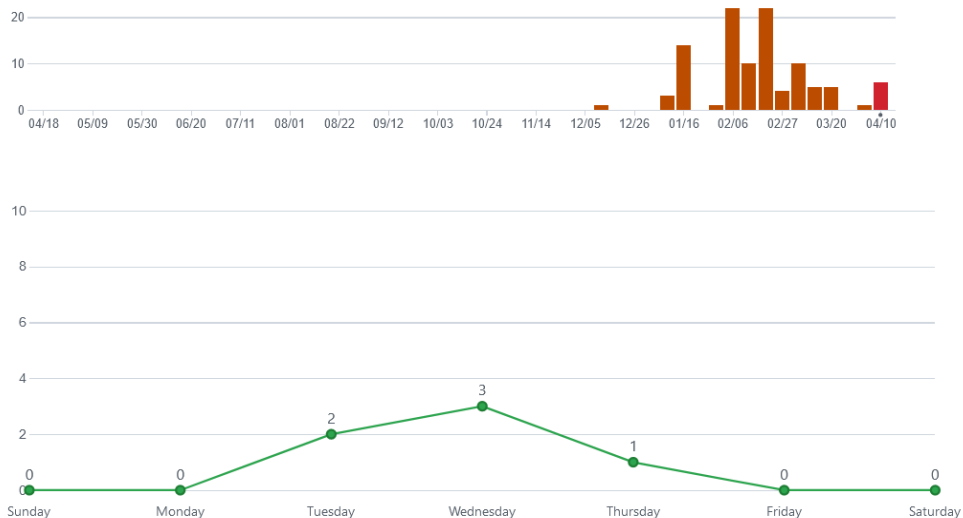
Optional
- Improve customization settings for graphs
- Give ability for user to save graphs they generated locally

Data Export: Optional
- Remove the formatting error we are currently facing

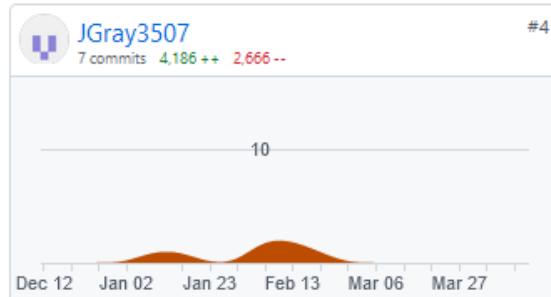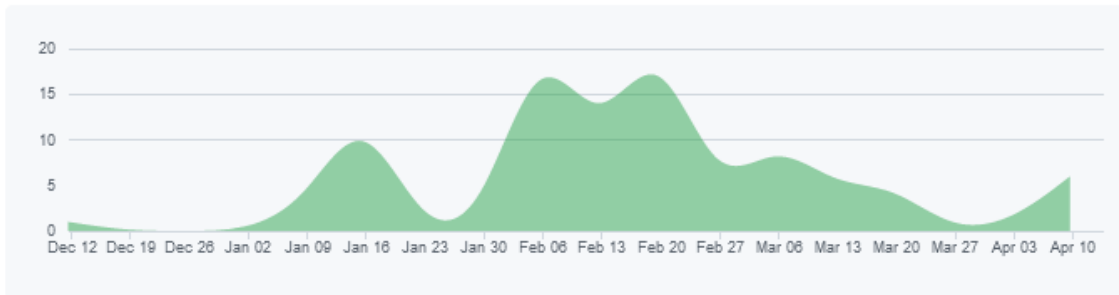## General, System-wide Additions 04/22/2022
- Add safe guards for:
  - Web parameters
  - Null values and bad inputs
  - Missing files/data
  - Leaked/leakable sensitive data
  - Handle any errors or malfunctioning function calls
- Overall, add/validate documentation for every function in our system
- Create pseudo code of the system for our client

Dec 12, 2021 – Apr 14, 2022

Contributions to main, excluding merge commits and bot accounts

Dylan-W1   #1
67 commits   204,405 ++   160,907 --

vidalrmartinez   #2
18 commits   173,778 ++   71,212 --

rduerinck   #3
12 commits   19,042 ++   5,398 --

JGray3507   #4
7 commits   4,186 ++   2,666 --

SARCI CS486 Gantt Chart

TASKS	JANUARY	FEBRUARY	MARCH	APRIL

Simulator - April 8

Reader - April 8

Database - April 15

Website Backend - April 8

Website Frontend April 8

Full Prototype March 18

Orchestra March 18

Alpha Testing/Refinement April 25

LEGEND: COMPLETE- ———
REFACTORING ———

Current