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|  | **Weekly Team Task Report** | 16 |

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| Team: S.A.R.C.I. | | | | | | **Date: 2/17/2022** | | |
| **Project Title: Site Weather and Power Recorder** | | | | | | | | |
|  | **Dylan**  Present  On-time |  | **Randy**  Present  On-time |  | **Vidal**  Present  On-time | |  | **Jabril**  Present  On-time |

### Recent Meetings:

* 2/2/2022 @ Discord
* 2/8/2022 @ Discord
* 2/15/2022 @ Zoom

### TASKS COMPLETED since last meeting:

|  |  |  |  |
| --- | --- | --- | --- |
| **Task Title:** Complete AWS Environment Setup | **Who(%):** Equal | **Orig. Due Date:** 1/15 | **Status:** IN-PROGRESS |
| **Who (%):** Dylan | | | |
| **Description: :**We will get our AWS Environment set up so we can continue to test functionality, need to resolve issues with client and permissions | | | |
| **Expected Outcome:** We will have a working AWS environment once we have permission issues sorted out | | | |

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| **Task Title:** Software Design Document Final Draft | **Who(%):** Equal | **Orig. Due Date:** 2/7 | **Status:** IN-PROGRESS |
| **Who (%):** Equal Split | | | |
| **Description:** Complete Software Design Document final Draft | | | |
| **Expected Outcome:** Software Design Document Final Draft will be completed and we will know more clearly how it works. | | | |

### This Week’s Tasks: Work plan for coming week

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| --- | --- | --- | --- |
| **Task Title:** UGRADS Registration | **Who(%):** Equal | **Orig. Due Date:** 2/25 | **Status:** IN-PROGRESS |
| **Who (%):** Equal Split | | | |
| **Description:** Register for UGRADS | | | |
| **Expected Outcome:** UGRADS Registration will be completed. | | | |

### Upcoming Tasks: Planning

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| --- | --- | --- | --- |
| **Task Title:** Design Review II Presentation | **Who(%):** Equal | **Orig. Due Date:** 3/4 ? | **Status:** STARTING SOON |
| **Who (%):** Equal Split | | | |
| **Description:** Start and complete Design Review II presentation | | | |
| **Expected Outcome:** Design Review II presentation will be complete and we will practice our presentation with our mentor and within our group before presenting. | | | |

### Other Problems / Other Issues: N/A

**TASK LIST**

**Database (AWS) (Dylan) Due by 2/11/2022**

- Setup new instance of database \*complete

- Distribute new access information \*complete

- Setup port forwarding \*in-progress

- Setup SQS and learn how to send data to it \*complete

- Setup Lambda functions, how to get data from SQS, and create database entries \*complete

- Load the database with some data for testing purposes \*complete

**DataManager (Jabril) 2/11/2022**

- Need to create validateEntry() method which checks the entry data, assigns status

and if status is anything but green then it needs to create notification through the

addNotification() function in NotificationManager

- Need to create other methods that are shown in the uml diagram in section 4

**NotificationManager (Jabril) 2/11/2022**

- Need to create the NotificationManager class (refer to uml diagram in section 4)

- Need to create addNotification() method \*in progress

- Need to create displayNotifications() method \*in progress

- Need to create deleteNotification() method \*in progress

- Need to create deleteAllNotifications() method \*in progress

**Download (Jabril) 2/11/2022**

- Need to figure out how to create and download the .csv file in one click \*in progress

**ListView (Randy) 2/11/2022**

- Code needs to be put in it's own class \*upcoming

- Code needs to be generalized to be used in a method so that multiple graphs can be created \*complete

- The Page view needs to be modified to generate on page load \*upcoming

- The page view needs to call the class, retrieve a list of graphics, and display them \*complete

**MapView (Vidal) 2/11/2022**

- Needs to change to using free alternative \*complete

- openstreetmap, openlayers, or epsg.io were recommended \*in progress

Graphical user interface, chart

Description automatically generated

Chart, line chart

Description automatically generated