|  | **Weekly Team Task Report** | 19 |
| --- | --- | --- |

| Team: S.A.R.C.I. | | | | | | **Date: 3/10/2022** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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:

* 3/2/2022 @ Zoom
* 3/8/2022 @ 1:00 Zoom

### TASKS COMPLETED since last meeting:

| **Task Title:** Design Review II Presentation | **Who(%):** Randy, Jabril. Vidal/Dylan later | **Orig. Due Date:** 3/4 | **Status:** IN PROGRESS |
| --- | --- | --- | --- |
| **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. | | | |

| **Task Title:** Design Review II Presentation  Practice | **Who(%):** Equal | **Orig. Due Date:** 3/4 | **Status:** IN-PROGRESS |
| --- | --- | --- | --- |
| **Who (%):** Equal Split | | | |
| **Description:** Practice Design Review II presentation | | | |
| **Expected Outcome:** Practice our presentation and record the video and audio | | | |

### 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:** Finalize Notifications | **Who(%): Vidal** | **Orig. Due Date:** 3/10 | **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 | | | |

### Upcoming Tasks: Planning

| **Task Title:** Software Testing Plan | **Who(%): Randy, Jabril** | **Orig. Due Date:** 3/24 | **Status:** IN-PROGRESS |
| --- | --- | --- | --- |
| **Who (%):** Equal Split | | | |
| **Description:** Finish Software Testing Plan | | | |
| **Expected Outcome:** Have complete unit tests and such for software testing plan | | | |

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

**TASK LIST**

**Jabril & Randy,** Software Testing Plan & Mini-Video(3/10-3/24):

**Vidal & Dylan**, Coding (Task List Coming Soon)

\* Optional refers to tasks that are not required but improve the system.

**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**

* Implement pagination for the 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





