| User Stories | Tasks | Description   | Dependency | Story Points | 1   | 2   | 3   | 4   | 5   |
|--------------|-------|---|------------|--------------|-----|-----|-----|-----|-----|
| 1            | 1.1   | Write our Tools Specifications that we will be using to build the platform. Documentation of technology we are using. (Sheet Team Plan) |            | 4            | R:2 | R:2 |     |     |     |
| 1            | 1.2   | Create Heroku project and server.   |            | 2            |     | B:2 |     |     |     |
| 1            | 1.3   | Set up Node.js backend on the Heroku server to show a simple web page containing HTML and CSS.  | 1.2        | 4            |     |     | B:2 | B:2 |     |
| 1            | 1.4   | Set up functionality to accept CSV files, by this we mean create the function that will handle the click request                        |            | 2            |     |     |     |     | B:2 |
|              |       |   |            |              |     |     |     |     |     |
| 2            | 2.1   | Setup intial layout of web application, which involves node libraries/gitignores and standard files                                     |            | 2            | D:2 |     |     |     |     |
| 2            | 2.2   | Create a simple HTML page with CSS styling (all with Bootstrap) which has a clickable upload button, with the X logo                    | 2.1        | 10           | C:2 | C:2 | C:2 | C:2 | C:2 |
| 2            | 2.3   | Create a simple HTML page with CSS styled (all with Bootstrap) with Login Page.   | 2.1        | 10           | A:2 | A:2 | A:2 | A:2 | A:2 |
| 2            | 2.4   | Create a simple HTML page with CSS styled (all with Bootstrap) with Create Account Page.  | 2.1        | 5            |     |     |     |     |     |
| 2            | 2.5   | Create a Navigation Bar Sticky Header at the top of the webpage   | 2.1        | 5            |     |     |     |     |     |
|              | 2.1   | Flesh out the System Design of the Database Schema  |            | 8            |     | D:2 | D:2 | D:2 | D:2 |
| 3            | 3.1   | riesh out the System Design of the Database Schema  |            | 0            |     | D.Z | D.Z | D.2 | D.2 |
| 3            | 3.2   | Code Insert Report EndPoint (Accepts JSON Objects) (No DB Needed)   |            | 2            | B:2 |     |     |     |     |
| 3            | 3.3   | Parse the json object element by element and insert it into the database  | 3.2        | 14           |     |     | R:2 | R:2 | R:2 |
| 3            | 3.4   | Use Axios to make a post request to the endpoints to send data.   | 3.2        | 8            |     |     |     |     |     |
| 3            | 3.5   | Read and parse data from an iCARE template, by using the npm package that converts csv to json  | 1.4        | 8            |     |     |     |     |     |
|              |       | PLAN SPRINT # 1   |            |              |     |     |     |     |     |

| User Stories | Tasks | Description   | Dependency | Story Points | 1   | 2   | 3   | 4   | 5   |  |                    |
|--------------|-------|---|------------|--------------|-----|-----|-----|-----|-----|--|--------------------|
| 1            | 1.1   | Write our Tools Specifications that we will be using to build the platform. Documentation of technology we are using. (Sheet Team Plan) |            | 4            | R:2 | R:2 |     |     |     |  |                    |
| 1            | 1.2   | Create Heroku project and server.   |            | 2            |     | B:2 |     |     |     |  |                    |
| 1            | 1.3   | Set up Node.js backend on the Heroku server to show a simple web page containing HTML and CSS.  | 1.2        | 4            |     |     | B:2 | B:2 |     |  |                    |
| 1            | 1.4   | Set up functionality to accept CSV files, by this we mean create the function that will handle the click request                        |            | 2            |     |     |     |     | B:0 | Byron did not have time t on his task on day 5                                   | o work             |
|              |       |   |            |              |     |     |     |     |     |  |                    |
| 2            | 2.1   | Setup intial layout of web application, which involves node libraries/gitignores and standard files                                     |            | 2            | D:2 |     |     |     |     |  |                    |
| 2            |       | Create a simple HTML page with CSS styling (all with Bootstrap) which has a clickable upload button, with the X logo                    | 2.1        | 10           | C:2 | C:2 | C:2 |     |     | D decided to work on 2.4 and finished it on the first                            |                    |
| 2            | 2.3   | Create a simple HTML page with CSS styled (all with Bootstrap) with Login Page.   | 2.1        | 10           | A:2 | A:2 | A:2 | A:2 | A:2 | hours so he worked on database schema on day                                     | n thé<br>ys 3 4 5, |
| 2            | 2.4   | Create a simple HTML page with CSS styled (all with Bootstrap) with Create Account Page.  | 2.1        | 5            |     | D:2 |     |     |     | and was able to finish it in<br>of 6 developer hours, he<br>finished 3.1 on itme |                    |
| 2            | 2.5   | Create a Navigation Bar Sticky Header at the top of the webpage   | 2.1        | 5            |     |     |     | C:2 | C:2 |  |                    |
|              |       |   |            |              |     |     |     |     |     |  |                    |
| 3            | 3.1   | Flesh out the System Design of the Database Schema  |            | 8            |     |     | D:2 | D:2 | D:2 | C finished his 2.2 task ea   |                    |
| 3            | 3.2   | Code Insert Report EndPoint (Accepts JSON Objects) (No DB Needed)   |            | 2            | B:2 |     |     |     |     | than expected, and so we the 2.5 task, but did not e                             |                    |
| 3            | 3.3   | Parse the json object element by element and insert it into the database  | 3.2        | 14           |     |     | R:2 | R:2 | R:2 | completing it  |                    |
| 3            |       | Use Axios to make a post request to the endpoints to send data.   | 3.2        | 8            |     |     |     |     |     |  |                    |
| 3            | 3.5   | Read and parse data from an iCARE template, by using the npm package that converts csv to json  | 1.4        | 10           |     |     |     |     |     |  |                    |
|              |       | EXECUTION SPRINT # 1  |            |              |     |     |     |     |     |  |                    |

| orovisial (in s                          | 46<br>46<br>story points                | 40<br>35<br>s) and Ac | tual (in stor  |                       | (           |
|--|---|-----------------------|----------------|-----------------------|-------------|
| Provisial (in s                          |   |                       |                | y points)             |             |
|  | story points                            | s) and Ac             | tual (in stor  |                       |             |
|  | story points                            | s) and Ac             | tual (in stor  |                       |             |
|  |   |                       |                | Provisial (in points) |             |
| 30                                       |   |                       |                | _ Actual (III St      | ory points) |
| 20 — — — — — — — — — — — — — — — — — — — |   |                       |                | _                     |             |
| 0  | 1 2                                     | 3                     | 4 5            | -                     |             |
|  | Da                                      | ys                    |                |                       |             |
|  | 30 ———————————————————————————————————— | 30                    | 30<br>20<br>10 | 30                    | 30          |

| User Stories | Tasks | Description   | Dependency | Story Points | 1   | 2   | 3   | 4   | 5   |
|--------------|-------|---|------------|--------------|-----|-----|-----|-----|-----|
| 1            | 1.4   | Set up functionality to accept CSV files, by this we mean create the function that will handle the click request (be able to upload)          |            | 2            | B:2 |     |     |     |     |
|              |       |   |            |              |     |     |     |     |     |
| 2            | 2.5   | Create a Navigation Bar Sticky Header at the top of the webpage   |            | 1            | C:1 |     |     |     |     |
| 2            | 2.6   | Create the landing page and hook it up to the navbar  |            | 3            | C:1 | C:2 |     |     |     |
| 2            | 2.7   | Create the about us page and hook it up to the navbar   |            | 4            | A:2 | A:2 |     |     |     |
| 2            | 2.8   | Create a page that contains history of events that the TEQ can see. Make the UI only. In future we will get the data from the database.       |            | 4            |     |     |     | C:2 | C:2 |
| 2            | 2.9   | Create a logout button for the page that the organization member goes to after they login, the local storage should reflect that they log out |            | 2            |     |     | C:2 |     |     |
| 2            | 2.10  | Create a Grid using an NPM Package for the list of people in the organization   |            | 6            |     |     | A:2 | A:2 | A:2 |
|              |       |   |            |              |     |     |     |     |     |
| 3            | 3.3   | Parse the json object element by element and insert it into the database  |            | 8            | R:0 | R:2 | R:2 | R:2 | R:2 |
| 3            | 3.4   | Read and parse data from an iCARE template, by using the npm package that converts csv to json  | 1.4        | 8            |     | B:2 | B:2 | B:2 | B:2 |
| 3            | 3.5   | Send Axios to make post request when logging into account with local storage setup  |            | 2            | D:2 |     |     |     |     |
| 3            | 3.6   | Send Axios to make post request when creating organization account  |            | 2            |     | D:2 |     |     |     |
| 3            | 3.7   | Send Axios to make post request when uploading file data  |            | 6            |     |     | D:2 | D:2 | D:2 |
|              |       |   |            |              |     |     |     |     |     |
|              |       | PLAN SPRINT # 2   |            |              |     |     |     |     |     |

| User Stories | Tasks | Description   | Dependency | Story Points | 1   | 2   | 3   | 4   | 5   |                            |
|--------------|-------|---|------------|--------------|-----|-----|-----|-----|-----|----------------------------|
| 1            | 1.4   | Set up functionality to accept CSV files, by this we mean create the function that will handle the click request (be able to upload)          |            | 2            |     |     | B:2 |     |     | C73 assignment, midterms   |
|              |       |   |            |              |     |     |     |     |     |                            |
| 2            | 2.5   | Create a Navigation Bar Sticky Header at the top of the webpage   |            | 1            | C:1 |     |     |     |     |                            |
| 2            | 2.6   | Create the landing page and hook it up to the navbar  |            | 3            | C:1 | C:1 |     |     |     |                            |
| 2            | 2.7   | Create the about us page and hook it up to the navbar   |            | 4            |     | C:1 |     |     |     |                            |
| 2            | 2.8   | Create a page that contains history of events that the TEQ can see. Make the UI only. In future we will get the data from the database.       |            | 4            |     |     |     | C:2 | C:2 |                            |
| 2            | 2.9   | Create a logout button for the page that the organization member goes to after they login, the local storage should reflect that they log out |            | 2            |     |     | C:2 |     |     |                            |
| 2            | 2.10  | Create a Grid using an NPM Package for the list of people in the organization   |            | 6            |     |     |     |     |     | Was not done, low priority |
|              |       |   |            |              |     |     |     |     |     |                            |
| 3            | 3.3   | Parse the json object element by element and insert it into the database  |            | 8            | R:0 | R:2 | R:2 | R:2 | R:2 |                            |
| 3            | 3.4   | Read and parse data from an iCARE template, by using the npm package that converts csv to json  | 1.4        | 8            |     |     |     | B:4 | B:4 |                            |
| 3            | 3.5   | Send Axios to make post request when logging into account with local storage setup  |            | 2            | D:2 |     |     |     |     |                            |
| 3            | 3.6   | Send Axios to make post request when creating organization account  |            | 2            |     | D:2 |     |     |     |                            |
| 3            | 3.7   | Send Axios to make post request when uploading file data  |            | 6            |     |     | D:2 | D:2 | D:2 |                            |
|              |       |   |            |              |     |     |     |     |     |                            |
|              |       | EXECUTION SPRINT # 2  |            |              |     |     |     |     |     |                            |

| Days                        | 0             | 1             | 2           | 3             | 4                                   | 5       |
|-----------------------------|---------------|---------------|-------------|---------------|-------------------------------------|---------|
| Provisial (in story points) | 50            | 45            | 36          | 34            | 34                                  | 2       |
| Actual (in story points)    | 50            | 47            | 38          | 34            | 34                                  | 8       |
| BURNDOWN SPRINT # 2         |               |               |             |               |                                     |         |
|                             | Provisial (in | story points) | ) and Actua | l (in story բ | ooints)  Provisial (in stor points) | у       |
|                             | 40 —          |               |             |               | - Actual (in story                  | points) |
|                             | 30            |               |             |               |                                     |         |
|                             | 20 —          |               |             |               |                                     |         |
|                             | 10            |               |             |               |                                     |         |
|                             | 0             | 1 2           | 3 4         | 5             |                                     |         |
|                             |               | Day           | S           |               |                                     |         |
|                             |               |               |             |               |                                     |         |

|   | React + SC  | JavaScript + CSS + HTML   |   |
|---|---|---|---|
| Aliza   | Styled Components   | CSS   |   |
| Bryon   | JavaScript Front-End  | Javascript  |   |
| Caleb   | Styled Components   | CSS   |   |
| Dharmik   | JavaScript Front-End  | JavaScript  |   |
| Ralph   | BackEnd + DataBase ( Node Express and NEDB/MongoDB)         |   |   |
|   | 3. /  | p 5.  |   |
|   |   |   |   |
| Sprint #1                                       | Sprint #2   |   |   |
| Wednesday - Sunday                              | Mon - Fri   |   |   |
|   |   |   |   |
|   |   |   |   |
|   |   |   |   |
| Git Tutorial                                    |   |   |   |
| Git Version Control                             | https://try.github.io/                                      |   |   |
| How to Build & Style a Web Page                 |   | Caleb and Aliza google how to format a PDF with CSS                           |   |
| BootStrap (CSS Styling)                         | https://getbootstrap.com/                                   |   |   |
| Using HTML and CSS, bootstrap                   | https://www.w3schools.com/html/html_css.asp                 |   |   |
| Jquery (Making Web Dev Faster)                  | https://jquery.com/   |   |   |
| How to talk to back-end from FrontEnd           |   |   |   |
| JSON OBJECTS (How data Goes over the web)       | https://www.json.org/                                       |   |   |
| Fetch or Axios Networking Libarary for Frontend | https://www.npmjs.com/package/axios                         |   |   |
| How backend receives information from Front End |   |   |   |
| <u>Node.js</u>                                  | https://nodejs.org/en/                                      |   |   |
| <b>-</b>  | hu // /   |   | This endpoint is what the front end people will hit. So LocalHost:/ |
| Express.js                                      | https://expressjs.com/                                      | app.get('/', (req, res) => res.send('Hello World!'))                          | will return Hello World when hit with a GET request                 |
| How to Store Data                               | hatta a Mariaha da a ara Nasari a ha a tai a Mara alla      |   |   |
| NEDB DataBase Technology                        | https://github.com/louischatriot/nedb                       |   |   |
| Where will our code be deployed                 |   | When you had a seed on your ill and you deter at the                          |   |
| Heroku it's like a Web Server                   | https://www.heroku.com/                                     | When you push to master you will see updates at the URL Dharmik's Website.com | Ralph should set up CD  |
|   |   |   |   |
| Packages  |   |   |   |
| Grid Package                                    | https://gijgo.com/grid/demos/bootstrap-4-table              | https://www.npmjs.com/package/jquery-grid                                     |   |
| Upload a CSV file, return a JavaScript Array    | https://www.npmjs.com/package/csvtojson                     | This converts CSV Files to JSON Objects that we can s                         | end to the Server Automatically since it's a JSON Object            |
|   | /** csv file  | Converts to JSON Object   |   |
|   | a,b,c   |   |   |
|   | 1,2,3   | * {a:"1", b:"2", c:"3"},  |   |
|   | 4,5,6   | * {a:"4", b:"5". c:"6"}   |   |
|   | */  | *7  |   |
| Holoful Links                                   | /   |   |   |
| Helpful Links                                   | https://otookovorflow.com/guagtions/4720242//               | tml in nada in  |   |
| Bryon's Task                                    | https://stackoverflow.com/questions/4720343/loading-basic-h | uni-in-node-js  |   |