**PM Software- Google Docs**

**Minimum Features to Implement:**

* Login
  + Have a page to let our users login and verify their identity by comparing them to our database
  + The user will then be taken to our globe page so they can interactive
* Email verification
  + Send an automatic email as soon as the new users signs up for an account to verify that the user provided the correct email
  + The user will get a link to click on which will take them to the globe page
* Database
  + Set up a database to store user information and possibly other stuff later into the project
  + Use mysql for the structure of the database
* Three.js
  + We want to use Three.js to implement 3d graphics for cool visual experiences
  + This will be used to implement the globe feature
* Charities Page
  + We want to have links that take people to the corresponding charities if they want to donate to their cause
  + Provide Information
* Tech Page
  + Provide information about the various technologies that are helping to stop pollution
  + We also want to
* 3D spinning Globe
  + The globe will provide an overview of the current pollution issues that we face
  + A user will be able to zoom in and orbit around the globe.
  + It will also have predefined points that the users can click on that will move the camera to a given location on Earth
  + Maybe we will be able to change the texture of the earth for different times in history to show how much humans have altered the earth in the recent past
* Links to donation pages for charities
  + This will be a static web page to show links that users can click on.
  + The links will take them to different charities that they can donate too
* Real-Time pollution update webpage
  + Use web services and api’s to display accurate real time information for our users
* Other Pages

**First Sprint:**

3/1/2018 to 3/11/2018

**PROJECT PLAN 1ST SPRINT**

|  |  |  |
| --- | --- | --- |
| **NAME** | **TASK** | **FEATURES** |
| Thomas | Web Layout Design | Images and more Web Pages |
| Aaron | Web Pages | Web pages, Links |
| Mitch | Node.js/Three.js | Get texture onto globe |
| Kyle | Home Page | Adding images |
| Michael |  |  |
| Kevin |  |  |

**Next Sprint Duration:**

3/11/2018 to 3/25/2018

**PROJECT PLAN:**

|  |  |  |
| --- | --- | --- |
| **NAME** | **TASK** | **FEATURES** |
| Thomas | Background Images | Images and more Web Pages |
| Aaron | Web Pages | Web pages, Links |
| Mitch | Node.js/Three.js | Automatic orbit to specific countries using three.js |
| Kyle | Login Page and corresponding forms | Connecting login information to the database |
| Michael | Database | Creating the database |
| Kevin | CSS Style, Web Page | Real-Time Web Page |

**Future Sprint Duration:**

3/25/2018 to 4/8/2018

**PROJECT PLAN:**

|  |  |  |
| --- | --- | --- |
| **NAME** | **TASK** | **FEATURES** |
| Thomas | Web Page | Finishing touches for his web page |
| Aaron | Web Pages | Real-Time Page |
| Mitch | Node.js/Three.js | Popup html linked to the automatic orbiting |
| Kyle | About Us Page | Information |
| Michael | Database | Implementing Queries to authenticate the User |
| Kevin | CSS Style, Web Page | Real-Time Web Page |

**Future Sprint Duration:**

4/8/2018 to 4/22/2018

**PROJECT PLAN:**

|  |  |  |
| --- | --- | --- |
| **NAME** | **TASK** | **FEATURES** |
| Thomas | Finishing touches | Finishing touches for his web page |
| Aaron | Real-Time Web Page and Links Testing | Pages and all the links are working properly |
| Mitch | Globe Integration and final Three.js Testing | Finalize the links and html pop ups. |
| Kyle | Add new “users” to test functionality | Authentication check |
| Michael | Database | Email Verification for new User |
| Kevin | Finishing touches | Real-Time Web Page |

**Scrum Meeting**

Date: Sunday, March 11, 2018

Time: 1:20 PM

Attendees: Kyle, Mitch, Thomas, Aaron

Thomas Martinez:

**What have you done since the last meeting?** Worked on designing what the website will look like the and drew the websites out on paper since the last meeting.

**What are you going to complete before the next meeting?** For the next meeting he will complete the images for the backgrounds of the webpages.

**What challenges will you face completing your next task?** The challenges he will face being able to fit the designs he makes onto the background of the web pages and make them look nice.

Kyle Schultz:

**What have you done since the last meeting?** Created the home html page for the login or sign up feature and added some features and pictures to the charities webpage.

**What are you going to complete before the next meeting?** He is going to create the sign up and login form and link them to the home page. Also begin trying to link the information from the forms into our database.

**What challenges will you face completing your next task?** The challenges he will face are linking the information entered into the login and signup forms into the database.

Aaron Steiner:

**What have you done since the last meeting?** Created the charities and technologies web pages. Added in the corresponding information into these web pages such as the information about each charity and information about technologies. Included links to charity websites.

**What are you going to complete before the next meeting?** He will add imagesinto the technologies page and start the real time information page.

**What challenges will you face completing your next task?** The challenges he face are finding the time to complete these tasks.

Mitch Massey:

**What have you done since the last meeting?** He has completed and added the zoom in and orbit feature to the globe.

**What are you going to complete before the next meeting?** He will add some texture to the globe and add the automatic orbiting.

**What challenges will you face completing your next task?** The challenges he faces are finding the time to complete these tasks. Also figuring out the texture for the globe.

**Retrospective reaction**:

We thought this meeting very helpful and made us realize we need our full group to attend meetings. It is challenging to figure out what people have completed and are going to complete if they are not here.