

Milestone 2

Project Management Tool	<p>The Project Management software we will be using is Trello. We chose Trello because it had the best organization and UI that we could find. We wanted a simple, yet effective source of tracking the progress of our project while being able to understand what the step was. The highlight of having a great UI was the fact that there was our tasks right in front of us labeled as To Do, Doing, and Done. There was also an option to add due dates on all these sections which is really helpful to remind us when things should be done. We found this the best feature of the UI and essentially Trello.</p> <p>Requirements</p> <p>Some of the must-have features for our website/application is being able to utilize the Google Maps API to present location information and show where the resources for our project are (Where the computers, printers, etc.). We would like to essentially have the user interact with the API instead of using just a picture to highlight the places our resource location. Another is have interaction with the computer cursor. We decided to implement this because we want the user to hover over the different locations while still being able to double-click the location from detailed information. The database is another important feature of the website/application we want to implement. We will be using SQL. We want to be able to use it to look up certain tags (computer, lab, etc.), buildings, and the proximity of different resources. An important feature that is essential to the database is password and login information to access the data of certain details that can't be found with the public UI. A challenge we would have to overcome is the encryption and decryption of the password to bring from the database.</p> <p>Project Plan</p> <p>The plan for our project has 5 sprints. Each sprint takes a closer look at the features/requirements that we need to include in our project. Sprint 1 is essentially taking care of the Google Maps Static API. During this we will also be collecting the necessary information that we need to include for our project to be the "resource hub" for different locations. We will also be designing and building our webpage with HTML/CSS. When we complete those features we will be in Sprint 2. We will be working on and completing most work done needed involving the database that stores user/password information. This will be difficult because we will be attempting to Encrypt the information in our database. Sprint 3 includes the combined integration of the front-end and back-end. We will be integrating the website with the SQL</p>
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	<p>database. This will be a big step in our project because we will need them to be running when the user needs/wants to use it without having random errors such as a misfire in the server with the encryption. We have all of our information accurate and complete with all resources needed in our system. We also want the user to have full interaction with the webpage without lag. Sprint 4 will be simple, yet complicated. It consists of polishing and debugging our website. It is rather complicated in the way that if an error is fixed, there will be another that arises. The final and 5th sprint is working on the final presentation and adding features that might be pretty cool to use in our project.</p> <p>In total we have 5 sprints which are heavily full of work and tasks.</p>
Plan Cycle within the Project Management Method	<p>Spring 1: Get the final color scheme and any other logo we want on the website. Also get all the resources from the list of buildings we decided on to include in our project. This will be recorded on an excel file DUE 3/10.</p> <p>Sprint 2: Be done with the encryption and user profile for our sql. We also want the map API to be decided upon and 75% done before sprint 3. DUE 3/24.</p> <p>Sprint 3: Integration of our back end and front end should be done. The final layout of our website should also be done by this point. This differs from above because we want the all the tabs, resource list, and everything else be in the correct spot. The tabs DUE 4/7.</p> <p>Sprint 4: Polish and debugging. DUE 4/14</p> <p>Sprint 5: Working on our presentation and maybe add on anything else that we might think might be cool and wont take too much time. 4/21</p> <p>Refer to our trello page for more info as well. (Public) https://trello.com/b/xlwvHFMN/cu-here-and-now</p> <p>The way we decided to to implement trello is so. We have tasks that tell us the sprint and a quick summary of what should be done on them. We then have tasks that start with a sprint, ex (sprint 1) , and then describe the task. The way we plan on using it is as we work on a sprints task, we put both the Sprint summary and the description task on the todo list. As we finish the description tasks we put them in the done and once all of them are done we put the sprint task in done as well. It's better to look at our trello to see it visually.</p>

Agile Methodology	<p>Agile standup meeting</p> <p>Following The agile method, conduct a five-Minute agile standup Meeting Where team members Stand in a circle and each team member talks for one minute answer the three “Scrum” Questions:</p> <p>1. What have You Completed since the last meeting, 2. What will you complete Before the next meeting, and 3. Describe any obstacles or roadblocks you face.</p> <p>Miguel:</p> <ol style="list-style-type: none"> 1. Started on the layout of the HTML page. I have also included the some of the style sheet on the seperate CSS file. 2. I have started adding buttons for the locations of our resources along with color and cursor interactions. 3. The Google Maps Static API has been included and will need to add location tags and information onto the map. <p>Gabe:</p> <ol style="list-style-type: none"> 1. Created a rough draft of potential website design. Sketched different possible layouts revolved around static API for effective user interaction 2. Assist with creative design and final renderings of logo as well as format it onto our website. Add edits to the already made html file through github. 80% of website will be completed 3. HTML formatting images (stretching and shrinking) and creating new features focused on API that will enhance user experience i.e cursor effects <p>Paris:</p> <ol style="list-style-type: none"> 1. Research into Google Maps Static API, started rough draft of a Logo for our website, Trello management, getting familiar with our repositories on Github. 2. Finished Logo, further implementations of the Google Maps Static API (integrate a satellite map instead of a Maps?) Further research into how to detect cursor hover over in HTML/CSS. 3. I foresee no apparent roadblocks other than time. <p>Jorge:</p> <ol style="list-style-type: none"> 1. Have worked on side work like meeting notes and our trello page but that is mainly it. 2. Want to be done with the authentication for the database and have finished the resource gathering with kevin.
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	<p>3. For authentication since we are not running a server do we really need it? Going to do some research on how hard it will be to implement it and if it is too much for just a local machine might end up discarding this step. Also, I am pretty new with SQL so it might take me a bit to get used to it. Overall I am confident to be done with my tasks by the next meeting.</p> <p>Kevin:</p> <ol style="list-style-type: none"> 1. Find the resource and help to build the first version of map. 2. Find out the method the system can keep updating the new events or map (communicate with building manager). <p>Kyle</p> <p>Following the agile, conduct a sprint retrospective meeting, where the entire team discusses about the progress of the sprint-what went well, what didn't go well, what should be improved upon for the next sprint.</p> <p>We really couldn't conduct a sprint meeting because we didn't have sprints set up before our meeting on 3/7.</p>