

Work Log

- **March 21st, 2017:** First team meet-up. We discussed several topics for the application.
Assignments due before next meeting: everyone sign-up for GitHub and brainstorm more ideas for application.
- **March 23rd, 2017:** Everyone had opened a GitHub account. Wesley proposed using Annyang (a speech library application) in our project. Using React instead of Angular was also proposed. Ideas for the project became focused on an idea where the application would help the user get ready for the day by giving weather, traffic and other types of information.
Assignments due before next meeting: everyone view CodeAcademy's React course.
- **March 28th, 2017:** Using Webstorm instead of Brackets was proposed. And using Slack was also proposed, and everyone made a Slack account. A group was made for our project on GitHub. Decided to create a version of a Magic Mirror (but virtually). Decided to begin meeting up every Wednesday morning to work on the project.
- **March 29th, 2017:** We discussed what our Magic Mirror application would do. We decided the application would have four major components: Weather, Traffic, a to-do/checklist, and profiles. We were each assigned one of these four parts to focus on. We also decided to use Annyang and have commands be done through speech.
Assignments due before next meeting: We would all continue learning React on CodeAcademy, we would also research traffic and weather APIs.
- **April 3rd, 2017:** Looked at different weather and traffic APIs to use.
- **April 5th, 2017:** Decided to use OpenWeatherMap for Weather API.
Assignments due before next meeting: Wesley will continue to look into Google traffic API. Morgan will look into ways of implementing the to-do list. Chelsea will look into weather, and design. Michael will look into profiles.
- **April 12th, 2017:** Chelsea implemented a design that included a webcam set as the background, and created weather icons. Chelsea has some difficulties connecting to the OpenWeatherMap API. Wesley is continuing to work with React. Morgan is continuing to work on implementing the to-do list.
- **April 18th, 2017:** Michael has decided to use Google accounts API, and MongoDB for the profiles. MongoDB will be used to push user info under databases that correlate to specific IDs we give them on sign up. Traffic functions will be able to pull the user's work and home address, which they input when they create a profile. Chelsea shows a demo of the front UI with a working webcam set as the background and weather information with icons displayed when the function is called.
- **April 20th, 2017:** Tasks were assigned to be done before next Tuesday:
Michael would continue to work on the profiles
Morgan would continue to work on the to-do list

Chelsea would create more icons and implement Annyang into weather prompts.

Wesley would continue to work on React and Traffic.

- **April 24th, 2017:** Chelsea has implemented Annyang into weather prompts, and begins to look at Responsive Voice (a text-to-speech application) as a possible add in. Michael has been able to set up Google profiles by running the program through a server on his machine. Michael is still having difficulties with data transfer.
- **April 27th, 2017:** Everyone will continue to work on his or her focus area. We agreed to meet up this weekend to work on the project in depth.
- **April 29th, 2017:** We meet up to combine our code. The profile and weather aspects were combined, successfully. Chelsea added CSS to place profile and sign-in icons. Wesley continued to look into ways of using profile info in the traffic commands by using React. Chelsea, Morgan, and Michael worked to insert Morgan's to-do list into the application. Difficulties were experienced and overcome by slight changes to the to-do list code. Annyang was then added to the to-do list prompts, which was also difficult.
Accomplished today: We were able to combine weather, google profiles, and the to-do list on one application. We were also able to implement Annyang into the to-do list add functions.
Things still needed to be done: We need to implement traffic aspect. Remove items from the to-do list by using Annyang also has bugs that need to be fixed.
- **April 30th, 2017:** Annyang's voice commands now add and removed items from the to-do list. Wesley and Michael have been working on pulls and pushes to MongoDB through the client. We are successfully able to read and write user information to the database and have it saved. We started on the required documents to include with the project (README, Technologies, Guide).
- **May 3rd, 2017:** We meet to polish, review, and submit our project.