

Team Name: Not Monday

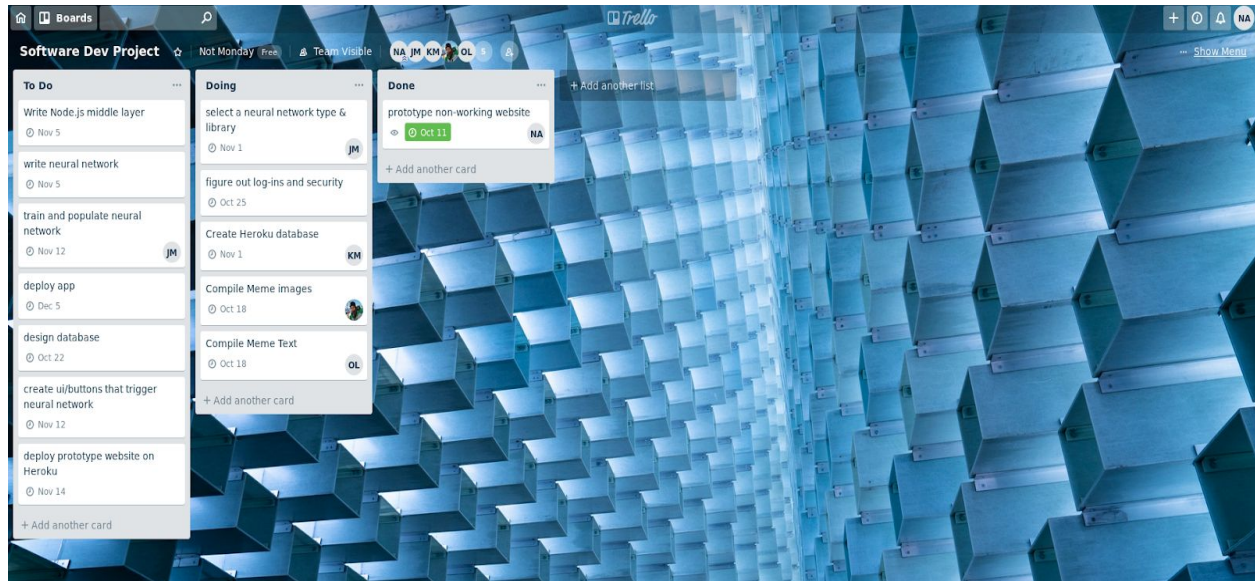
Members:

Nicholas Auer, Kyle Murphy, Chandler de Spirlet, Owen Loeb, Milan Formanek, Josh Meyer

Project Management Tool:

We decided to use Trello since one of our team members has experience with the tool.

Screenshot:



Project Requirements:

1. A user should be able to connect to our site from their computer over the internet
2. The user should be able to click a button on the front page of the web site and be presented with a procedurally generated meme
3. On the page with the resulting meme, the user should be able to generate a new meme in one click
4. The memes that are generated should be unique, but they should be generated by a neural net trained on existing memes
 - a. They don't have to make sense, but they should be funny, even if it's only because they're so ridiculous
5. Admins of the site (us) should be able to log on through a web browser and change site settings or tweak meme generation
 - a. There should therefore be a login page and a page that logged-in admins can access with settings
6. The neural network should be trained on real memes and real meme text
 - a. The text that it produces does not have to look like English text, but it should be recognisable as something *approaching* text or language of some sort
7. The website should have an about page that explains the generator and the project, lists the creators, and has information about how it works
8. The user should be able to save images from the website so they can share them with their friends
9. All website data (from us and from the user) should be delivered via HTTPS

10. The website should be aesthetically pleasing and have a coherent design

Agile Summary:

The following is what we did at our stand up meeting. We chose specific architecture, chose to deploy on Heroku App, chose Node JS for the middle layer, chose PostgreSQL for the database. And choose to use python for the machine learning and training our algorithm. We then discussed our roles before next meeting. Milan is going to assemble training data for images, Josh will look into neural network options and libraries, Owen will assemble more meme text training data, Kyle will look into using NodeJS as a middle layer between database and web page. The biggest obstacle we discussed was how our neural network will work and what data we will use to train the neural network. At the last meeting we created the 3 week sprint and so we're unable to retrospectively look at something we just started.

Gantt Chart:

