**Project Timeline**

EC 327 Project

Tick Stock

Los Perros

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Week of November 13:

The group was created, called Los Perros. To start, we brainstormed ideas on projects we were interested in and skills that will prove the most useful in learning so we decided on a website. With that being said, we felt learning how to use real data was really important so we wanted to implement an API. We came to an agreement to create a stock ticker website. Since we are making a website, we decided to use javascript, react, and HTML. We also decided on using an API called Polygon io where we pull the stock data for a chart and news about a requested company. Lastly, we created a git repo to have everything ready for coding.

Week of November 27:

Here we started coding our project. First, we had to ensure everyone had all the packages loaded and on the same page. After that, we begin to get the *Components* of our project together. This meant getting the website to run on our local server and getting the skeleton of the website running. When building this, we created an app.js and all the css files needed to style these components. During this time we also did a lot of brainstorming on how we wanted our website layout to look and flow for the user.

Week of December 3:

Now we create the individual function of each we desire and implement it into the website. The project roles were assigned and the workload was divided. We started by creating the header where you can search for the desired company that the respective information will follow. After that, we created the Aggregate component, which is the chart that displays the behavior of the stock based on the input of the user. This was also done through the implementation of apex charts on our website to display the information pulled from the API. Also, we began to start the documentation for the project by starting the timeline, project document, statement of work, and setting up the readme file. Then we started on the News component of the website where we created grid cards that were displayed at the end of our website. After that, we create a Details component where it houses information about a stock opening, closing, high, and low stock price of a user’s input.

Week of December 10:

Now that we have ensured we have everything on the website performing as expected, we perform the final touches on all the project deliverables. We polished and finished the Project Documentation. Also, we started and finished the demo video for the website. Additionally, we went back to comment on all the code we made.