Week #2 progress document

**What I worked on last week:**

I spent the week going through the ReactJS tutorials on reactjs.org. I found the tutorials to be very informative and organized. They also provided a great introduction to the framework. I also spent time testing React by building a small project and also testing the code that was provided by the website. This helped me understand how the code works and how to implement it in my own projects. In addition, I also spent some time brainstorming ideas for my final project. I currently work as a data analyst and would like to work on a project related to analytics. I plan on using React to create an interactive and user-friendly interface for visualizing and exploring data. I came up with several ideas for the project, and I am currently in the process of selecting the best one to develop further. Overall, it was a productive week of learning and hands-on experience with React, as well as planning for my final project. As far as next week's goals, I plan on committing to one of the ideas that I brainstormed. I also plan on communicating with my new team on how we will go about the project as well as splitting up the work.

**Project Ideas:**

* A customer segmentation and analysis system that utilizes a database to store customer information, and utilizes data science techniques such as clustering and dimensionality reduction to identify different customer segments and understand their behavior.
* A fraud detection system for financial transactions that utilizes a database to store transaction information and utilizes data science techniques such as anomaly detection and machine learning to identify potentially fraudulent transactions.

**Tools I will be using for this project:**

* React (front end)
* MongoDB (database)
* Firebase (authentication)