Team 9 Project Charter
Budget Royale

Team Members:
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Problem Statement:
Budgeting as an essential life skill, especially for young people as it creates a foundation for financial stability and responsible money management. However, factors such as lack of financial literacy and minimal motivation can make it difficult for emerging adults to properly take care of their finances. With Budget Royale, users can input and track savings, income, expenditures, and goals, as well as join groups to compete with friends or users on the application, fostering competition among community members. While there are services to help with budgeting such as Money Helper, Mint, and NerdWallet, Budget Royale adds an element of competition using data analysis that makes a menial task like money management more fun.

Project Objectives:
- Create a website for users who want to be more financially responsible.
- Allows users to input information about their savings, income, expenditures, and goals.
- Promote competition between community members to incentivize and encourage users to strive towards their financial goals
- Allows users to create groups with others users to compete amongst themselves.
- Create a goal system that allows users to track their own goals while ranking and competing with others in their group.
- Develop a user friendly dashboard that displays and summarizes their finances and personal progress by graphs that show their goals and rankings within their friend group
- Implement algorithms to recommend to users where they should improve based on spending/saving

Stakeholders:
Users: Millennials and Gen Z who want to be better with their money.
Developers: Katelyn Chen, Samuel Duprey, Andrew Liu, Deepika Ramesh
Project Manager: Yi Wu
Project Owners: Katelyn Chen, Samuel Duprey, Andrew Liu, Deepika Ramesh

Deliverables:
- Create a web application using Django.
- Create visuals and graphs for the dashboard through Python.
- Connect Python scripts through AJAX requests to display graphs.
- Use Postgre to store user data
- Use continuous delivery methods like Dockerizing our Django application.