

Project Charter

CS 30700

Team 7

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Problem Statement

Day-to-day expense tracking can be difficult, but learning to budget is a valuable skill. One of the easiest ways for one to adjust their spending habits is by gathering information on what products and services they spend the most money on and determining how to reduce the amount spent among different areas of expense. Our product will provide a way for users to do just that. With it, they may digitally track their expenses and decide which areas of expense they are most willing to reduce cost in. Our product will then provide suggested levels of spending based on user preferences and available spending money.

Project Objectives

- Build a web app to allow users to create personal spending profiles
- Add ability to track recurring expenses and categorize spending
- Produce analytics based on user data to give feedback on expenses and recommendations for reducing spending
- Provide notifications when spending approaches a user-defined limit

Stakeholders

- Product owners
 - Mayur Patil, John Crawford, Haris Sohail, Jacob Riggs

- Users
 - First-time budgeters, college students, and other parties interested in managing and/or reducing spending habits
- Developers
 - Mayur Patil, John Crawford, Haris Sohail, Jacob Riggs
- Project Coordinator
 - Lakshay Kharbanda

Deliverables

- A web app with an Angular based front-end that allows users to login and monitor their spending habits
- A Node.js and MySQL backend that will track the data of users and will handle network requests
- An interface that will give feedback in the form of analytics and charts to the user
- A system that will send notifications to users when overspending