

Team Member 1:

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Team Member 2:

Name Kim Sang Huynh

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We both have experience on front end and backend both taken 309 and being on the backend side of our teams. The idea for this project emerged from a shared desire to solve a common problem many people especially college students face managing personal finances. By building a budget tracker application, we aim to not only improve our own financial awareness but also create a helpful tool for others to track their income, expenses, and financial goals in a simple and user-friendly way.

We are choosing to create a new project from scratch: a Budget Tracker web application. This decision allows us to design a complete user experience, plan the architecture, and implement both client and server sides using modern technologies. It will give us a better opportunity to learn full-stack development using React and Node.js, as well as MongoDB for persistent data storage.

Goals:

- Build a fully functional, full-stack Budget Tracker web application.
- Strengthen our skills in frontend and backend web development using React and Node.js.
- Learn to integrate and use MongoDB for data storage and retrieval.
- Gain experience working with REST APIs and managing state with React.
- Design a clean, modern, and user-friendly UI/UX.

Objectives:

- Set up the frontend and backend project structure (Week 1).
- Develop CRUD functionality for managing user expenses and budget categories.
- Build a dashboard view that provides insights into user spending behavior.
- Integrate filtering features by category or time range.

- Design a responsive UI with navigation and multiple views using React Router.
- Polish the application with styling, error handling, and responsive layouts for mobile/desktop.
- **Login & Signup**
 - **Feature Description:** Users can register and log in securely.
 - **Assigned Developer:** Kelly Kla-Diihabh
 - **Tech Involvement:** Frontend (React) and Backend (Node.js/Express)
- **Expense Tracking**
 - **Feature Description:** Add, edit, view, and delete expenses.
 - **Assigned Developer:** Kelly Kla-Diihabh
 - **Tech Involvement:** Frontend (React) and Backend (Node.js/Express)
- **Budget Management**
 - **Feature Description:** Set and view monthly budgets.
 - **Assigned Developer:** Kim
 - **Tech Involvement:** Frontend (React) and Backend (Node.js/Express)
- **Dashboard View**
 - **Feature Description:** Visual overview of spending with filters.
 - **Assigned Developer:** Kim
 - **Tech Involvement:** Frontend (React) and Backend (Node.js/Express)
- **About Page**
 - **Feature Description:** Displays team info and course details.
 - **Assigned Developer:** Kim

- **Tech Involvement:** Frontend (React)