

NAME:

PROJECT SCOPE TEMPLATE

Project Justification

•  
The current process of splitting a restaurant bill manually is time-consuming and prone to mistakes. In group settings, this often leads to frustration, delays, and potential disagreements. This project aims to create a payment app to automate and simplify bill splitting, making the process faster, more accurate, and more user-friendly. The app will benefit restaurant-goers by providing an efficient way to handle bills and calculate tips.

Product Scope

•  
Users can input bill totals, tip percentages, and tax rates. Users can split the bill evenly, by item, or with custom amounts. The app will calculate and display each user's share, including tips and taxes. Integration with digital payment platforms for seamless transactions. An option to round up the total or individual shares for easier payments. Sharing options for users to send the final bill breakdown via SMS, email, or social media.

Acceptance Criteria

•  
**What must be true for the project to be considered successful?**

- The app must be able to split bills evenly and by custom amounts.
- The app must integrate with at least two major digital payment platforms (e.g., PayPal, Venmo).
- The app must allow users to input the bill total, tip percentage, and tax rate.
- The app must display the calculated share for each user, including the total amount with tip and taxes.
- The app should be intuitive and easy to use on both mobile and web platforms.

Constraints

•  
The app must be completed within a 4-week timeline.

Deliverables

- A mobile and web app for bill splitting.
- Integration with digital payment systems.
- A feature for sharing bill details with friends via messaging or social media.
- Documentation for app usage and troubleshooting.
- Basic security measures to protect user data (e.g., encryption of payment details).
-