

PayBack



Austin Lammers, Gilberto Corral, Alexander Drozdewicz, Xavier Pena, Shaan Chauhan

Description

- Payback: App for splitting bills among groups.
- Calculates each member's share using even split, percentages, or absolute dollars.
- Sends payment requests with a single click.
- Allows users to pay back accumulated debts.

Tools



VCS repository (Github)
Github Projects

3

Recitation-015 Team-5

Backlog Team capacity Current iteration Roadmap My items + New view

Filter by keyword or by field

Ice Box 3 Estimate: 0

Features that we may want to add at some point, but are not on the top of our list

- Payback #7
AI Receipt Tool
Backburner AustinLammers/Payback 13
- Payback #47
Create a graph to show the user how much money they owe to each group that they are a part of
AustinLammers/Payback
- Payback #48
Create a graph to show the user their spending stats over time
AustinLammers/Payback

+ Add item

Todo 1/30 Estimate: 0

This item hasn't been started

- Payback #54
Add Transactions Page
Frontend AustinLammers/Payback 3

+ Add item

In Progress 8/30 Estimate: 0

This is actively being worked on

- Payback #52
Add Groups Page
Groups AustinLammers/Payback 4
- Payback #49
Add Authentication Methods for User sessions
User Sessions AustinLammers/Payback 3
- Payback #51
Update Nav bar to be Session-based
Front End AustinLammers/Payback 3
- Payback #44
Session Management
Back End AustinLammers/Payback 5
- Payback #46
rewrite footer
Front End AustinLammers/Payback 1
- Payback #27
Add transaction endpoint
Payments #41 AustinLammers/Payback 3

+ Add item

Done 27 Estimate: 0

This has been completed

- Payback #36
Create Add Group Endpoint
Groups AustinLammers/Payback 3
- Payback #38
Add unit test cases for creating new users
Testing AustinLammers/Payback 4
- Payback #31
add login endpoint
User Sessions AustinLammers/Payback 3
- Payback #30
Add create user endpoint
User Sessions AustinLammers/Payback 3
- Payback #28
Add Pay endpoint
Payments #62 AustinLammers/Payback 3
- Payback #16
Create Groups Table
Skeleton AustinLammers/Payback 1

+ Add item

Tools



VScode 5/5



PostgreSQL 4.5/5



HTML + Handlebars 5/5



Node JS 4/5



Express 5/5



Render 3/5



Chai 2.5/5



Mocha 2.5/5



Bootstrap 3/5

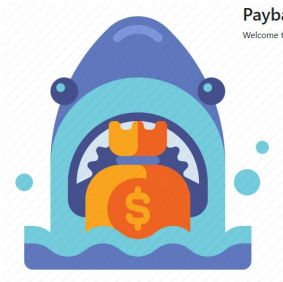
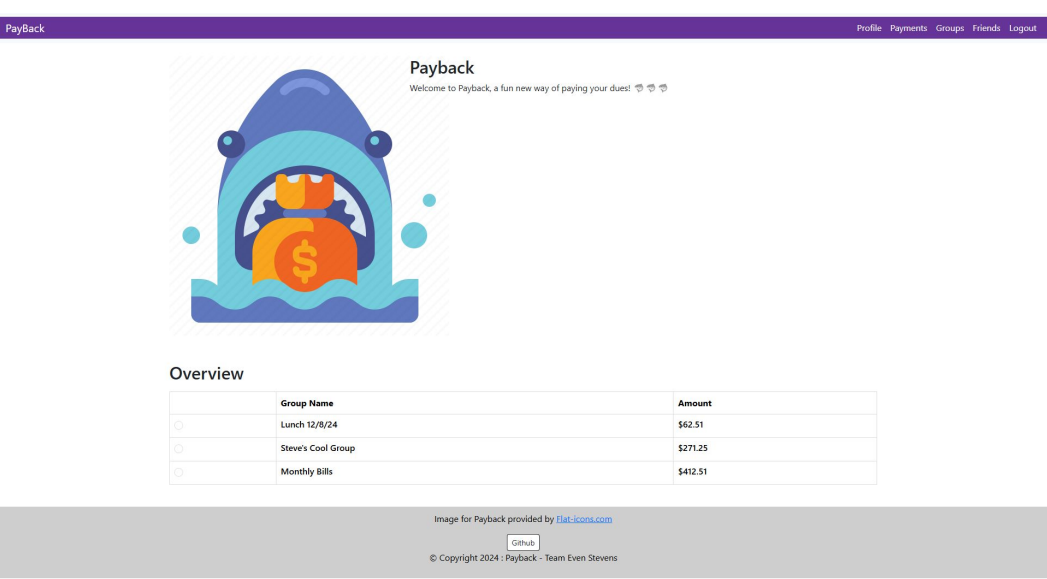
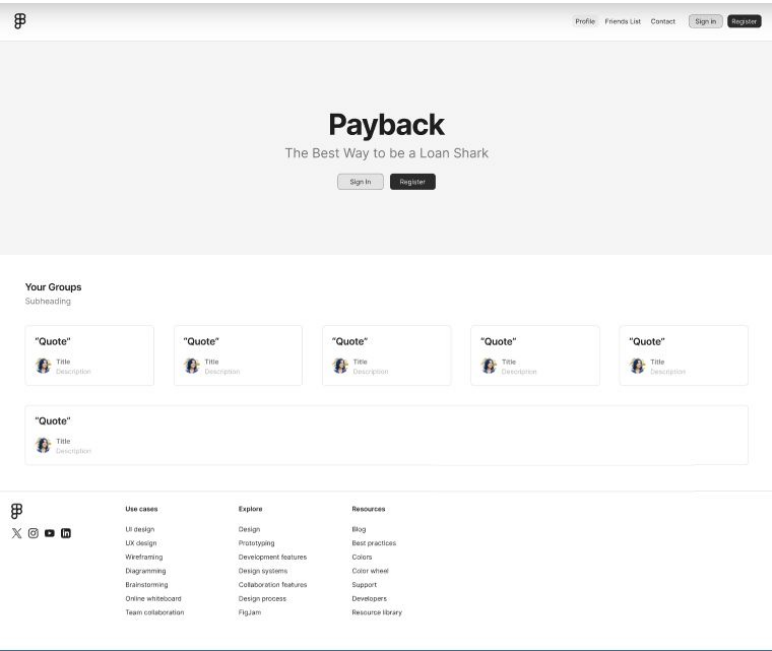
Tools - Figma

Plan Design vs Actual Design



Rating: 1.5/5

5



Overview

	Group Name	Amount
<input type="radio"/>	Lunch 12/8/24	\$62.51
<input type="radio"/>	Steve's Cool Group	\$271.25
<input type="radio"/>	Monthly Bills	\$412.51

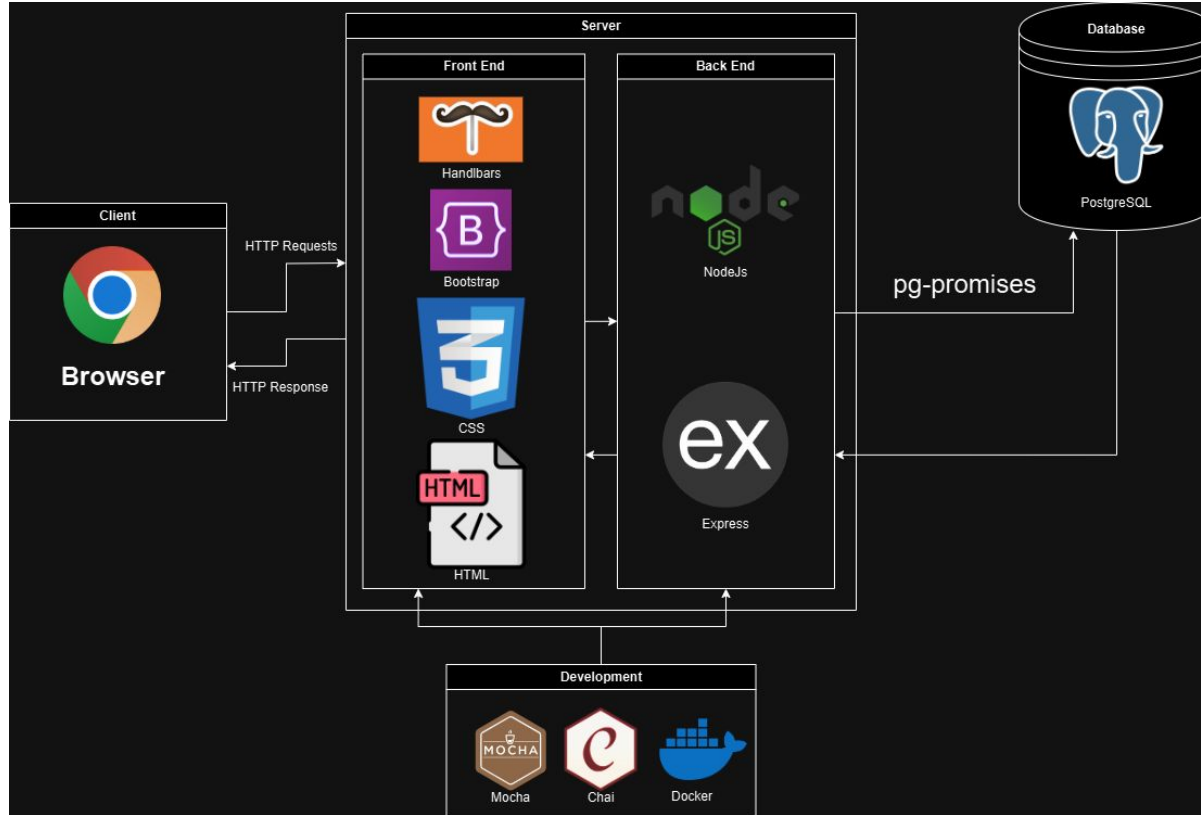
Image for Payback provided by [tlat-scom](#)

GitHub

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Architecture Diagram

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Team Development Methodology

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Challenges

01. Groups Page: Searching For and Displaying Groups
02. Information Getting Deleted off Pages
03. Implementing Algorithms for Endpoints
04. Last Minute Difficulties
05. Communication/Scheduling

Future Enhancements

-
01. User Interface
 02. Display all members that are part of a group and how much they owe
 03. AI Receipt Reading Tool
 04. Implementing real finances in a secure environment
 05. Data-Driven Notifications

Live Demo

[Link to Payback](#)