

Authored by FineByte

Collaborators:

- Dina Hadwan (w10166376)
- Ethan Carolina (w10126539)
- Mandip Adhikari (w10167734)
- Nancy Neria (w10088529)
- Rashika Karmacharya (w10172109)

Instructor: Chad McDaniel

Course: CSC 317 Foundations of Software Development

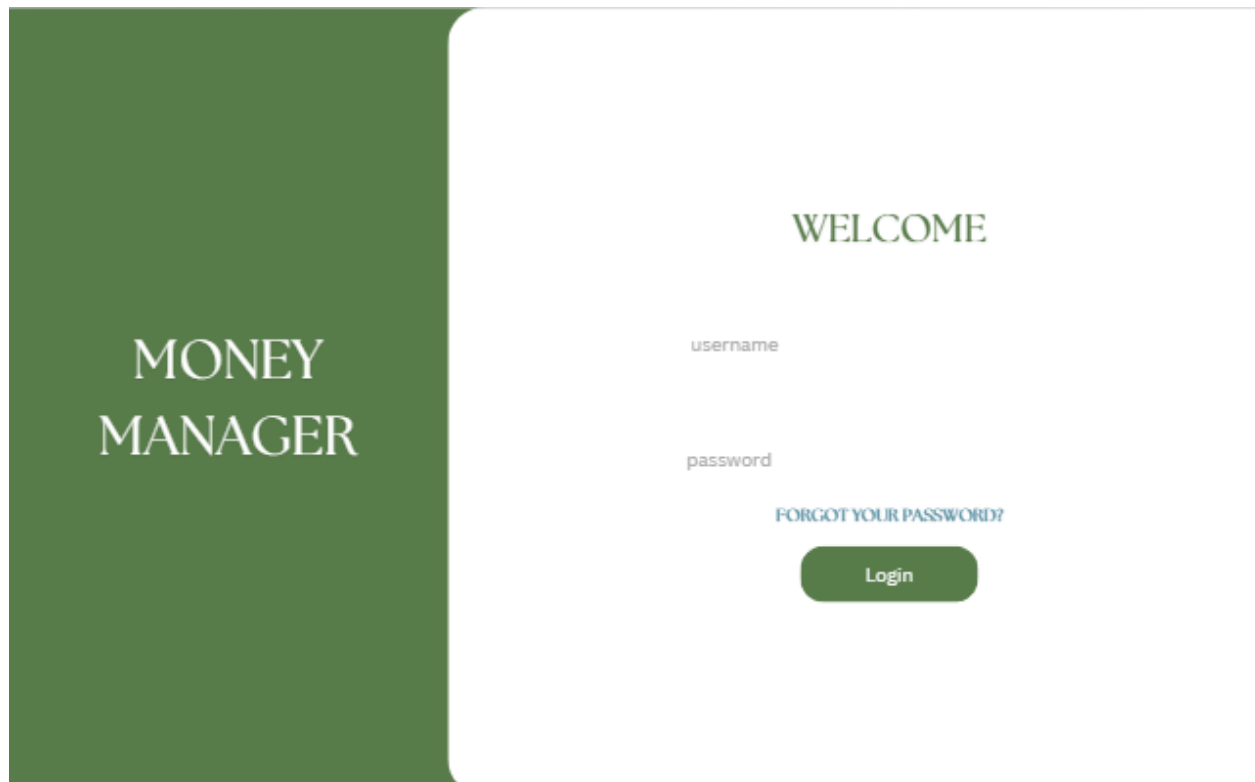
## Front-End Design Document for Financial Tracker

### Project Background

This app will aid in the management of personal finances. Organizing one's income, expenses, and saving goals can be hard to juggle all at once. Without proper budgeting, many people can fall into financial instability. The finance tracker proposed aims to solve this issue by having all these finance needs in one place. Many people all over the world have poorly managed finances, so we were inspired by this problem and decided to provide a solution.

View Prototypes

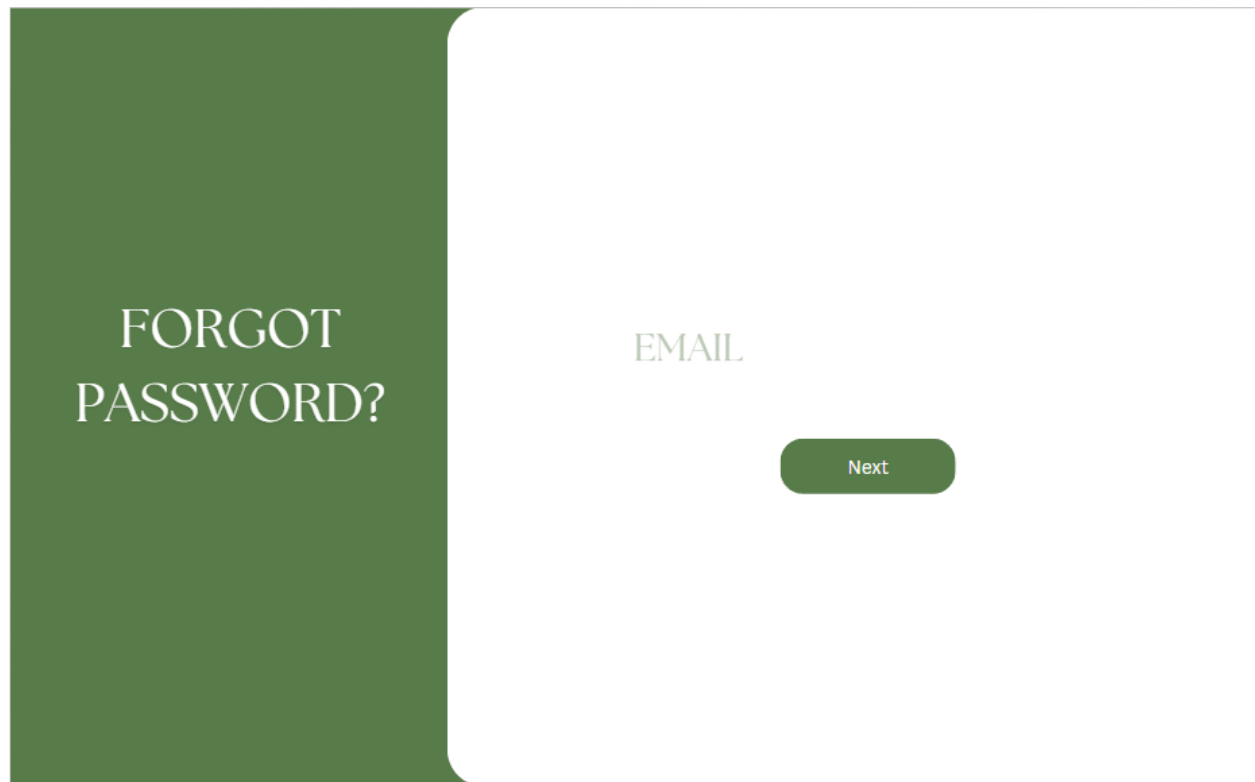
### **I. Prototype PT1/Login**



This will be the initial page the user will see which is the login page. A login page gives the user a sense of security that their personal information will only be accessible to the account owner.

Author(s): Nancy Neria

## II. Prototype PT2/ Email



The purpose of this page is for the user to input their email address. This will allow them to receive a verification code to recover the account.

Author(s): Ethan Carolina

### **III. Prototype PT3/ Code Verification Page**

The image shows a user interface for a 'Verify Code' screen. On the left, there is a dark green vertical bar with the text 'VERIFY CODE' in white, centered. To the right of this bar, the background is white. At the top right, the text 'ENTER THE CODE SENT TO YOU' is displayed in a dark green, serif font. Below this text, there are six empty square input boxes arranged horizontally. Underneath the input boxes, the text 'RESEND YOUR CODE IN: 00:58' is shown in a small, dark green, sans-serif font. At the bottom center, there is a dark green rounded rectangular button with the word 'Next' in white, sans-serif font.

VERIFY  
CODE

ENTER THE CODE SENT TO YOU

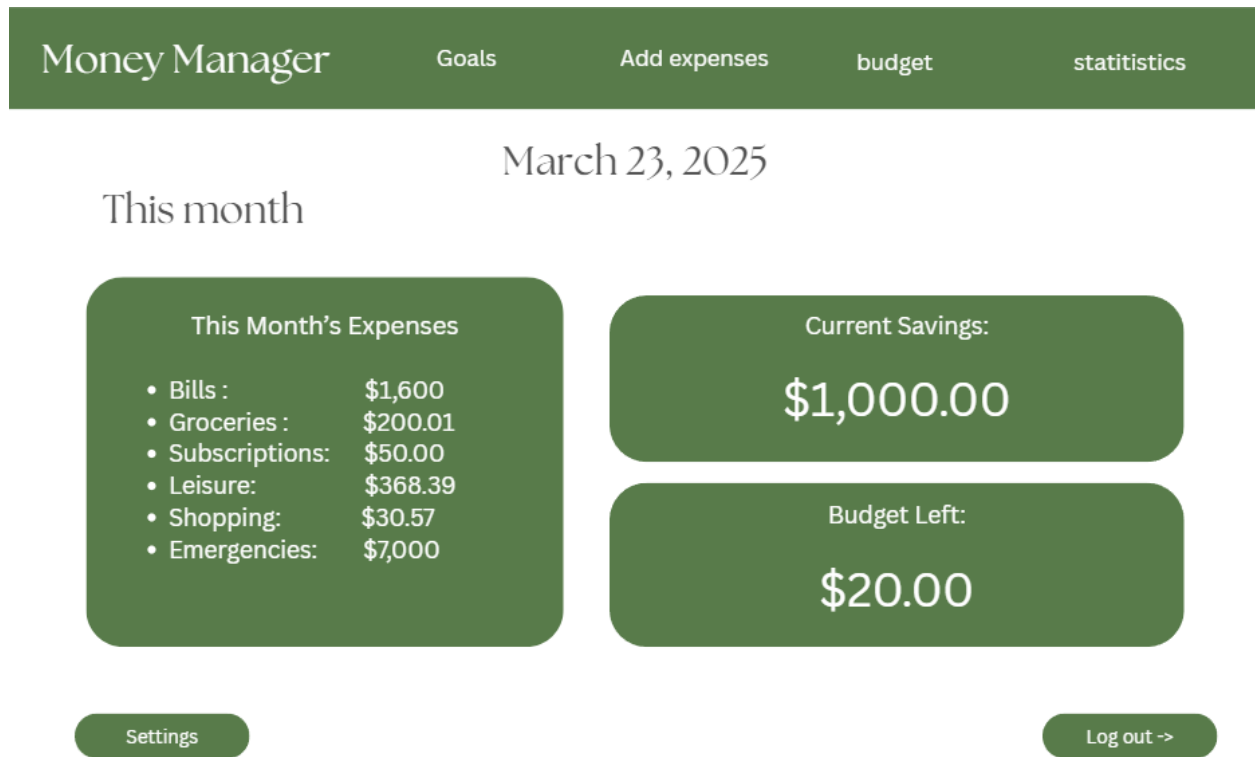
RESEND YOUR CODE IN: 00:58

Next

This page is used to verify the code that was sent to the user when trying to change their passcode after they clicked the “forgot password” in the main login page

Author(s): Rashika Karmacharya

#### **IV. Prototype PT4/Dashboard**



The dashboard is as shown here. It will allow the user to have a simple overview of their current finances in an easy to digest format. The user's current expenses, savings and budget left will be displayed. This will be the first page shown when the user goes through the login.

Author(s): Nancy Neria

## V. Prototype PT5/Expenses

Money Manager

Goals

Add Expenses

Budget

Statistics

Expense Tracker

Date	Category	Description	Amount
03/21/2025	Groceries	Supermarket	\$150.25
03/18/2025	Leisure	Movie tickets	\$35.00
03/11/2025	Subscriptions	Streaming service	\$10.00
03/05/2025	Bills	Electricity	\$120.87

Add Expense

Log out ->

The Expense Tracker page allows users to view and manage their recorded expenses in an organized table. It provides a clear breakdown by date, category, description, and amount, helping users keep track of their spending habits. Users can easily add new expenses to maintain an up-to-date financial record.

Author(s): Mandip Adhikari

## VI. Prototype PT6/Budget



This page will allow the user to set a budget within their financial means. They will be able to plan how much they want to spend on certain aspects of their lives.

Author(s): Ethan Carolina

## VII. Prototype PT7/Goals

App Name      Goals      Add Expenses      Budget      Statistics

Monthly Goal:

Enter Goal Amount

Progress:

Annual Goal:

Enter Goal Amount

Progress:

Settings

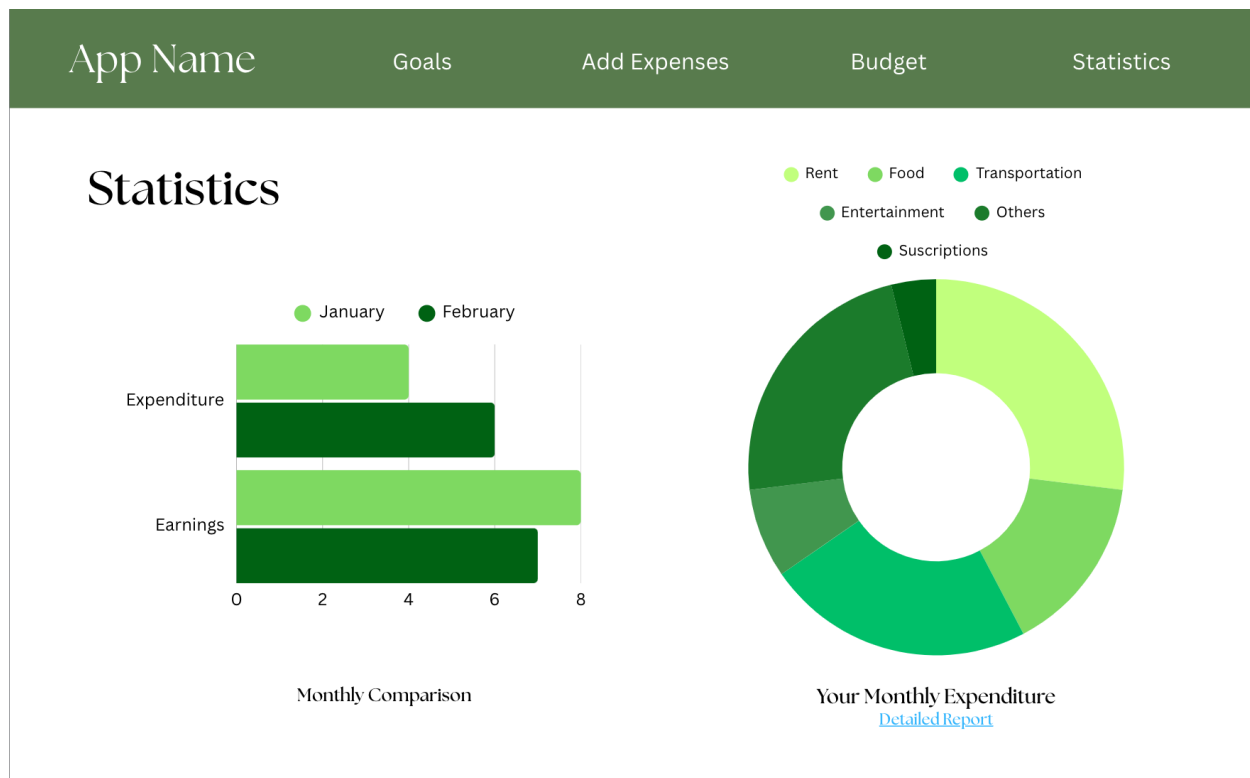
Log out ->

This page allows the user to set monthly and annual saving goals. It will also allow users to track the progress towards each goal using a visual progress bar. This fulfills the functions mentioned in the proposal because it stores and reloads user data.

Author(s): Dina Hadwan

## VIII. Prototype PT8/Data Visuals





This page is a visual representation/ statistics page where a person can view how much they spent on what category and how much they spent compared to last month/year. This also gives a detailed report/statement of what places you spent it, date, vendor name, amount, with what payment method etc.

Author(s): Rashika Karmacharya

## IX. Prototype PT9/Settings

Money Manager

Goals

Add Expenses

Budget

Statistics

Settings

Personal Information

Enter name

Enter email

Birthdate mm/dd/yy

Preferred Currency

Choose Currency

Color Theme

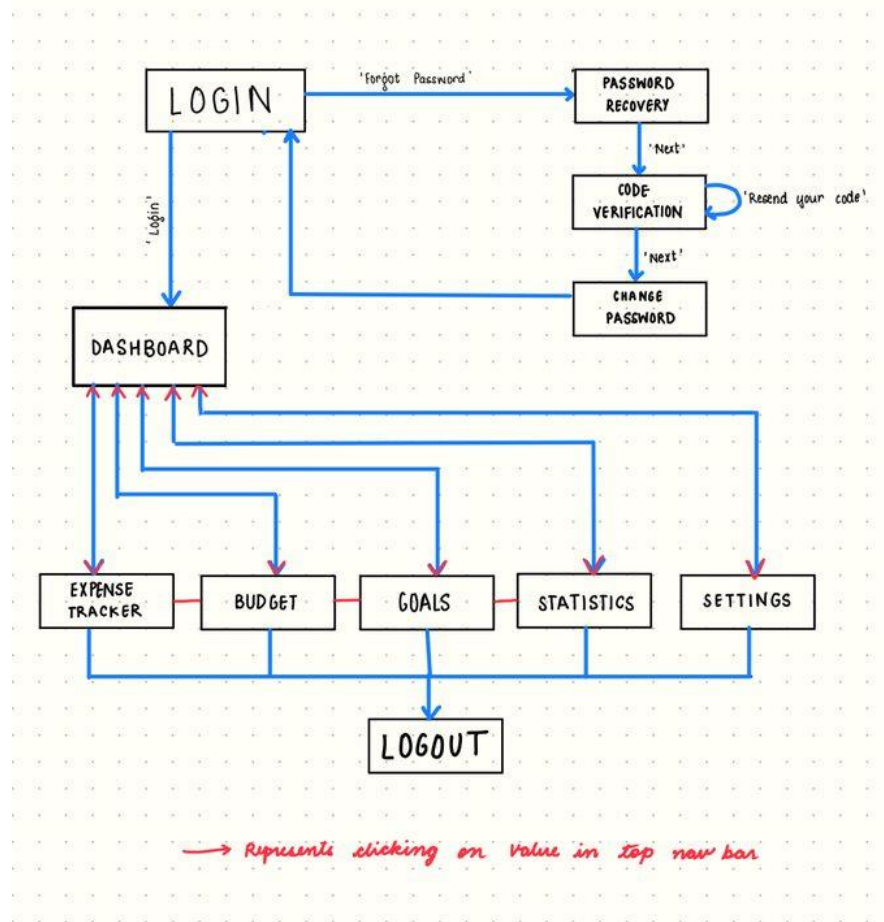
Choose Theme

Log out ->

The Settings page allows users to customize their personal information, preferred currency, and app theme. It provides simple input options to update details like name, email, and birthdate, making sure the user gets a personalized experience. Users can also easily adjust display preferences to match their needs.

Author(s): Mandip Adhikari

Wireframe



Author(s): Rashika Karmacharya