SOFTWARE DEVELOPMENT PROPOSAL

PROJECT

Daily Dime Finance Tracker

PREPARED BY

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1. Introduction

1.1 Purpose

The objective of this document is to list the software requirements for a web-based finance tracker application that makes it simple and easy for users to manage their income, expenses, and budget.

1.2 Scope

This application will allow users to:

- Create categories
- Log income and expenses
- Categorize spendings
- Set savings goal
- Set monthly budgets
- View reports
- View visualizations for income and expenses
- Navigate to different views

1.3 Intended Audience

The target audience for this project is any individual who wants to set reasonable savings goals and needs assistance keeping track of their money.

1.4 Terms, Definitions, Acronyms

Term	Definition
Visualization	Graphical representation of data collected from income and expenses. Examples include line charts, bar graphs, and pie charts
Category	Expense/ Income specification
Transaction	A log of money spent or income increase

1.5 References

[None]

2. Overall Description

2.1 Project Overview

This project is designed to help individuals track and monitor their income and expenses in a simple and easy way. It also allows individuals to set realistic savings goals and see custom visualizations.

2.2 User Needs

The user needs to be able to easily add/edit/delete transactions, view spending habits, and set budgets and savings goals.

2.3 Assumptions

- User has access to internet
- User has access to web browser
- User has email

3. Requirements

3.1 Functional Requirements

- User should be able to create an account
- User should be able to login
- User should be able to manually put in transactions
- User should be able to manually create categories
- User should be able to categorize each transaction
- User should be able to set category budgets
- User should be able to set savings goal
- User should be able to use nav bar to navigate to different views
- The system should display visualizations for income and expenses
- The system should be able to send warnings when exceeding budget

3.2 Non-Functional Requirements

- The app should store user data like passwords using encryption

4. Concepts of Operation

4.1 User Roles

- Register User: Can log income and expenses, set budgets and savings goals, and view reports.
- Guest User : Can view the cover page with an explanation on the app and register for an account.

4.2 Typical User Workflow

1. Sign Up/ Log In:
   Users can create an account and login.
2. Dashboard Access:
   Users dashboard consist of a summary of the users financial information including income, expenses, visualizations,and savings goals.
3. Add Transaction:
   User adds a transaction specifying if it's income or an expense and which category it belongs to.
4. Add Category:
   Users can add new custom categories.
5. Budget Tracking:
   Users will set and monitor the budget.
6. Warnings:
   Users will be notified when the set budget is close to exceeding.
7. Logout:
   Users can logout and session data will be saved.

8. Nav Bar: user can return to dashboard or list of categories and transaction when viewing either transaction or category views.

4.3 System Operation Context

- System operates in real time

5. Future Enhancements

- AI suggested savings amount
- Sharable custom reports
- Shareable family expense tracker

6. User Interface Wireframes

Daily Dime

hhb hbhjbjhb hsbdhsdbdchbejdbhjdbddhh

Save Now →

Register

Username

Password

Confirm Password
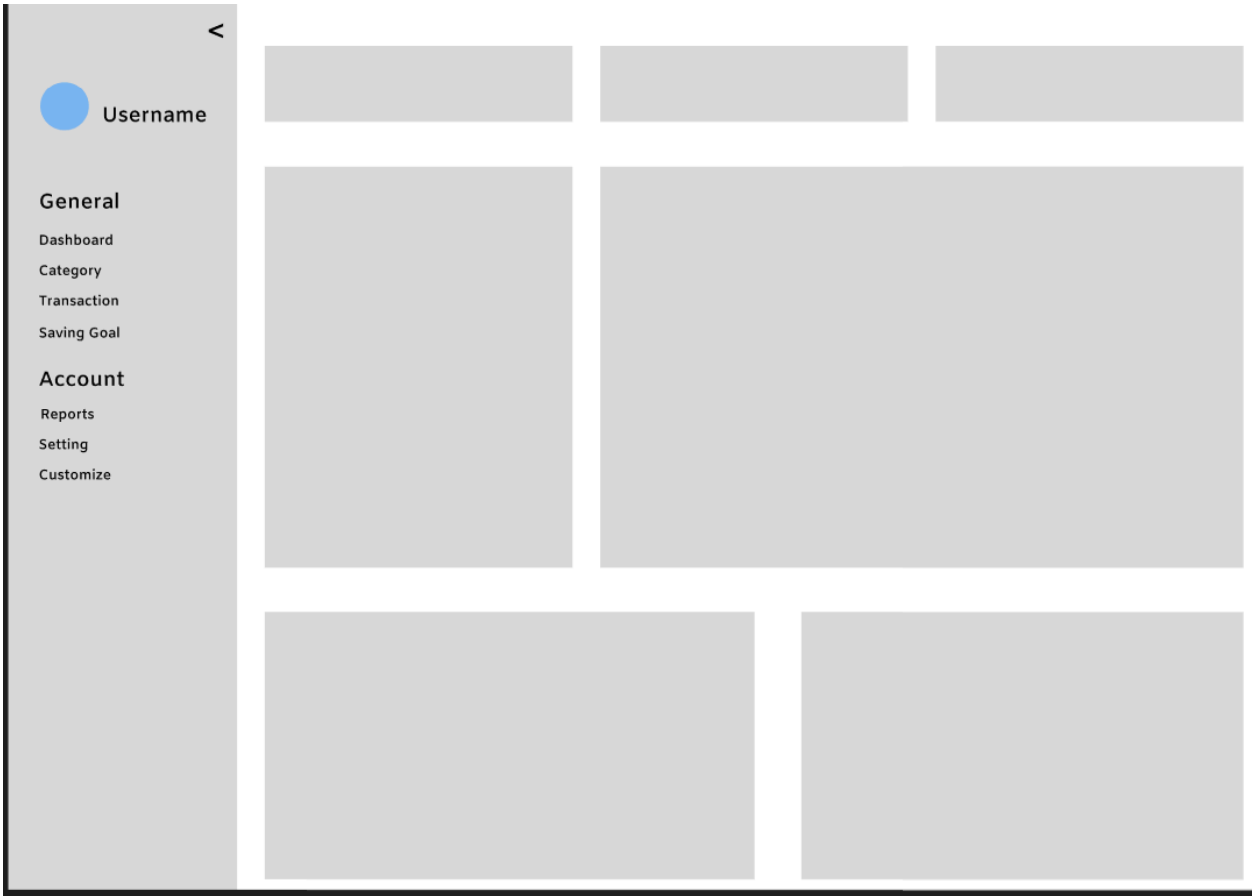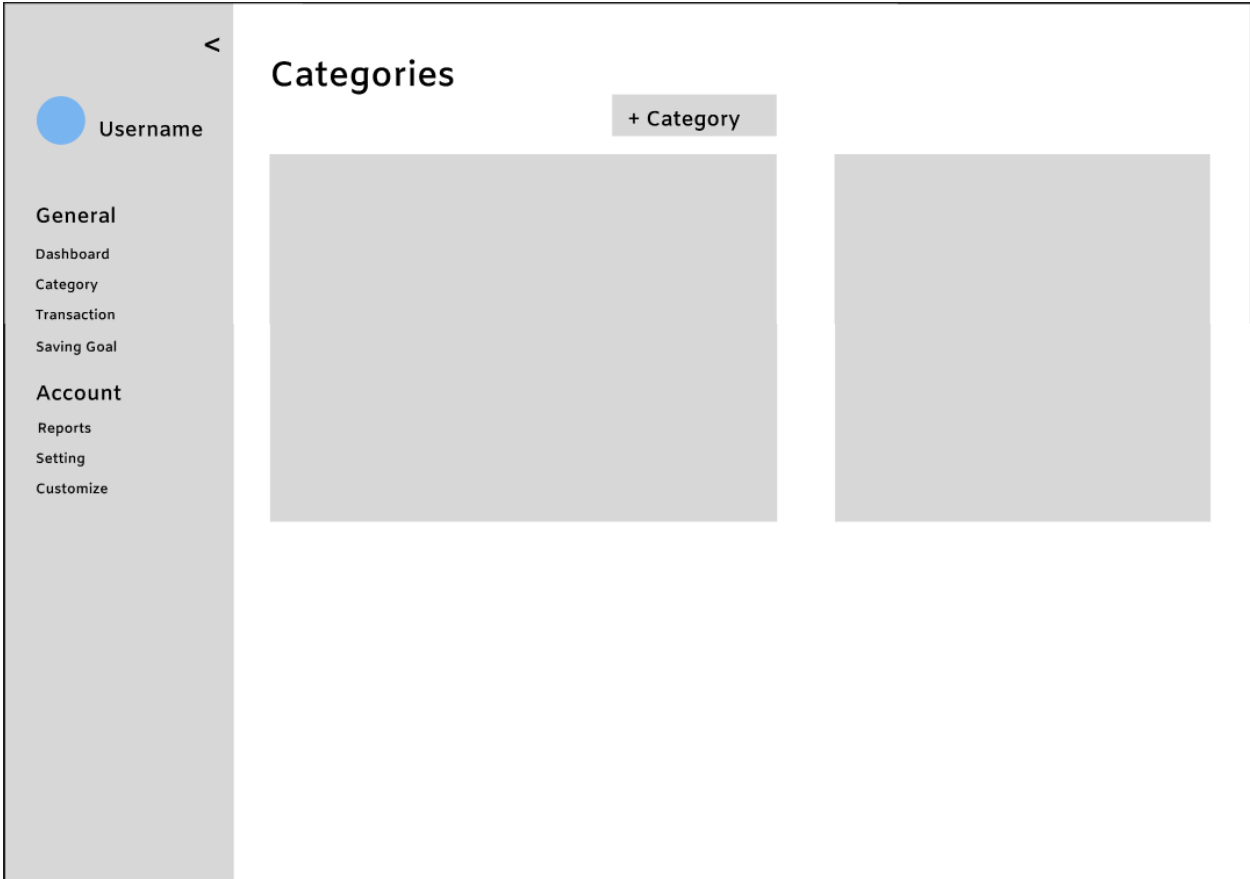
Create Account

Already have an account?

Login

Login

Username

Password

Login

Register?

<

Username

General

Dashboard
Category
Transaction
Saving Goal

Account

Reports
Setting
Customize

Username

General

Dashboard
Category
Transaction
Saving Goal

Account

Reports
Setting
Customize

Categories

+ Category

<

Username

General

Dashboard
Category
Transaction
Saving Goal

Account

Reports
Setting
Customize

Add Category

Income   Expense

Title _____

Icon _____

submit

Username

General

Dashboard

Category

Transaction

Saving Goal

Account

Reports

Setting

Customize

Transactions

+ Transaction

<

Username

General

Dashboard

Category

Transaction

Saving Goal

Account

Reports

Setting

Customize

Add Transaction

Date
_____

Category
_____

Amount
_____

Note
_____

Add

<

Username

General

Dashboard

Category

Transaction

Saving Goal

Account

Reports

Setting

Customize

Goal

Savings Goal

$1000

Change Saving Goal

<

![avatar] Username

General

Dashboard
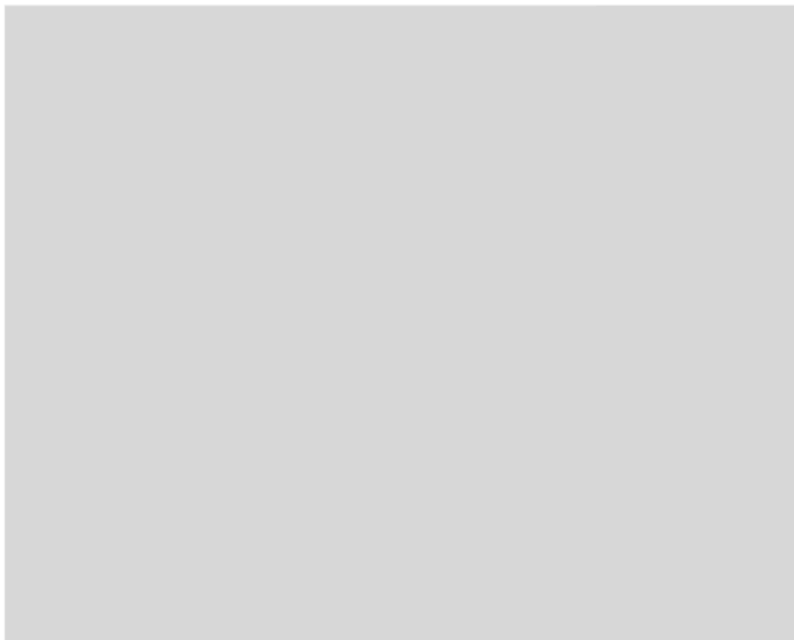Category
Transaction
Saving Goal

Account

Reports
Setting
Customize

Report

<

○ Username

General
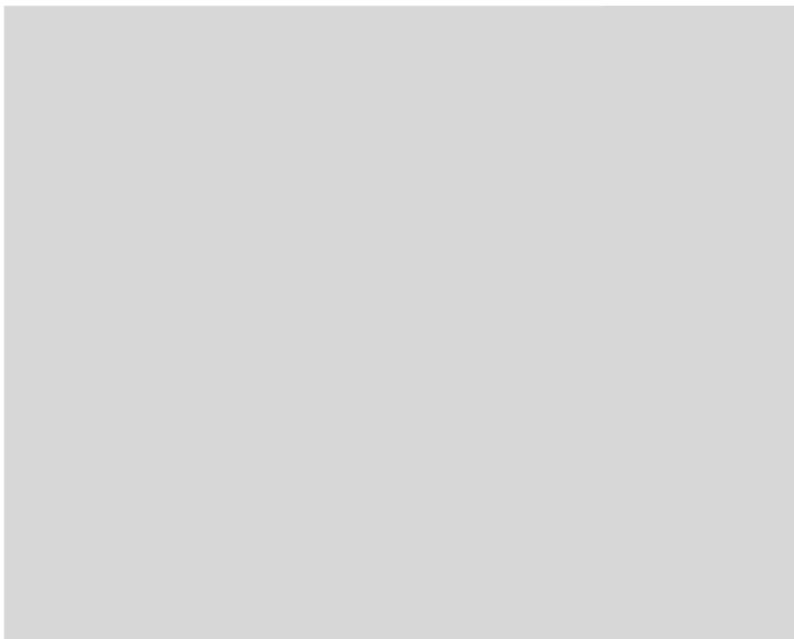
Dashboard
Category
Transaction
Saving Goal

Account

Reports
Setting
Customize

Settings

Change log

4/25/25 - Updated section 3.1, 4.2, and 1.2 to include a second navigation bar accessible through the category and transaction view.