Daily Dime

Software Development Proposal

Project: Daily Dime Finance Tracker

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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 and expenses.

1.2 Scope

This application will allow users to:

- Create categories
- Log income and expenses
- Categorize spendings
- Set savings goal
- View reports
- View visualizations for income and expenses
- Navigate to different views
- Download Reports
- See Spending within a specific time frame

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 see custom visualizations and download a report of there income and spendings.

2.2 User Needs

The user needs to be able to easily add/edit/delete transactions, and view spending habits as well as navigate to each page easily.

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 savings goal
- User should be able to use nav bar to navigate to different views
- The system should display visualizations for income and expenses
- Program should be able to give suggested savings
- User should be able to download a pdf of there report

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, 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. Logout:
   Users can logout and session data will be saved.

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

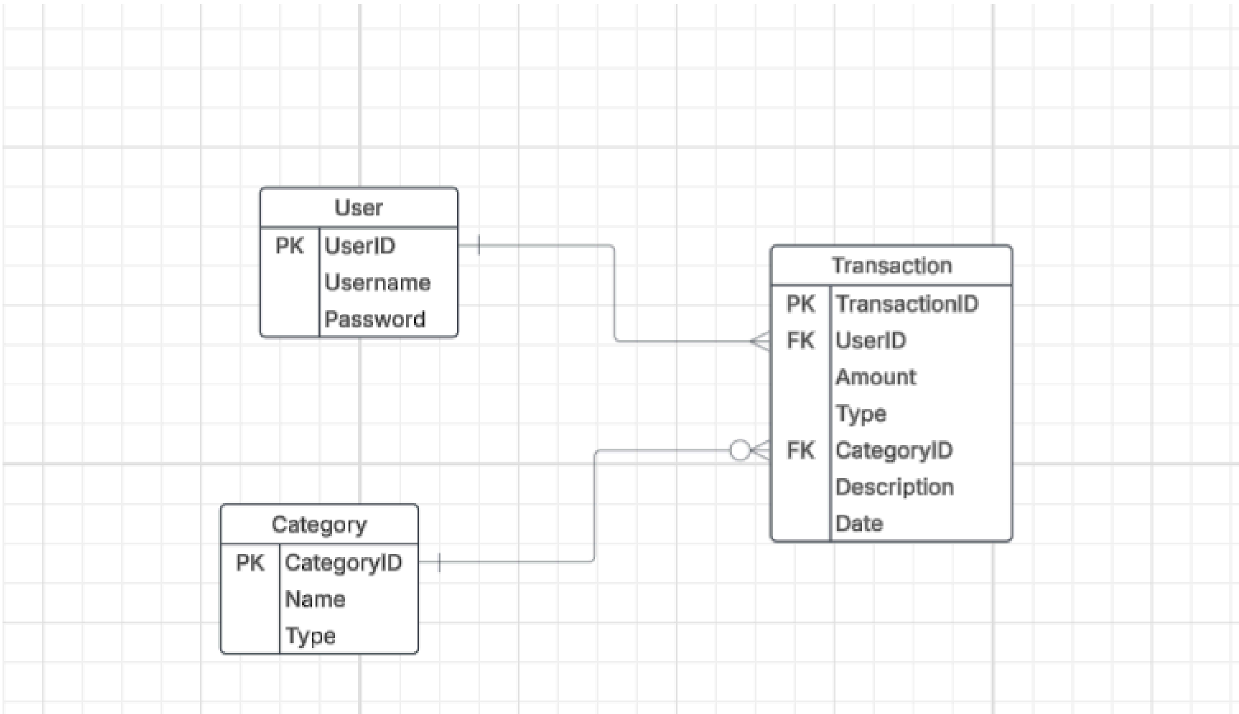
4.3 System Operation Context

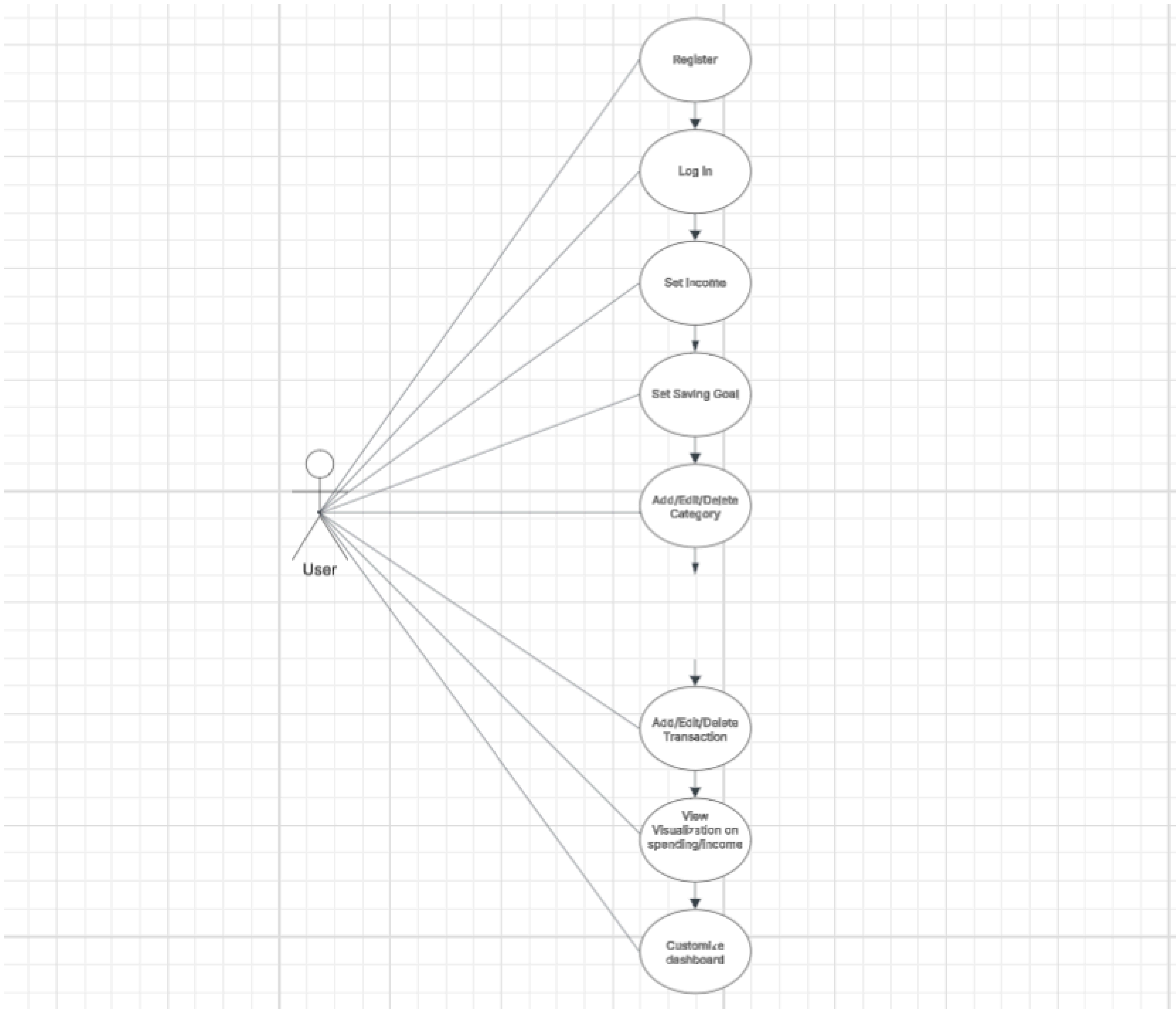
- System operates in real time

5. Future Enhancements

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

6. UML Diagrams





7. User Interface Wireframes

Daily Dime

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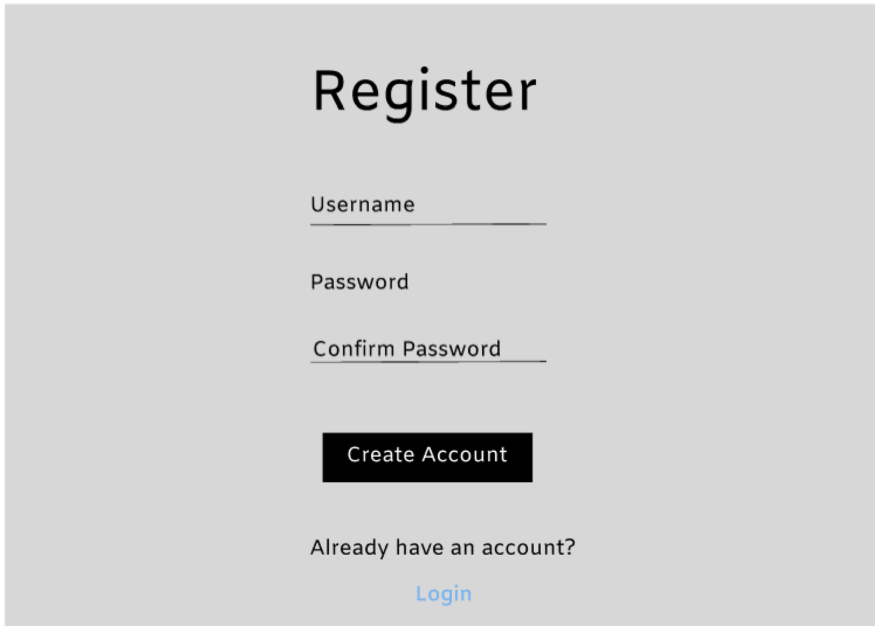
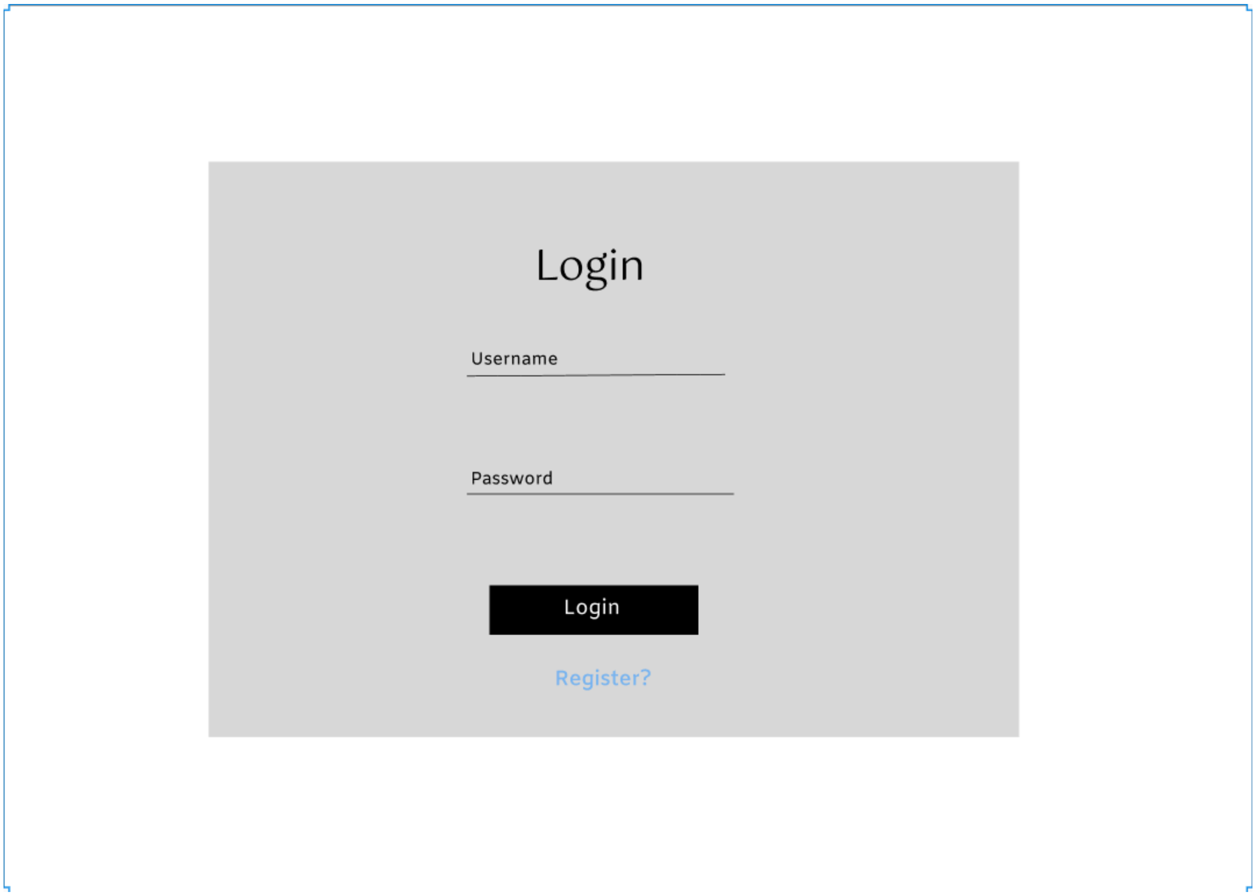
Save Now →


Register
Username
Password
Confirm Password
Create Account
Already have an account?
Login


Login
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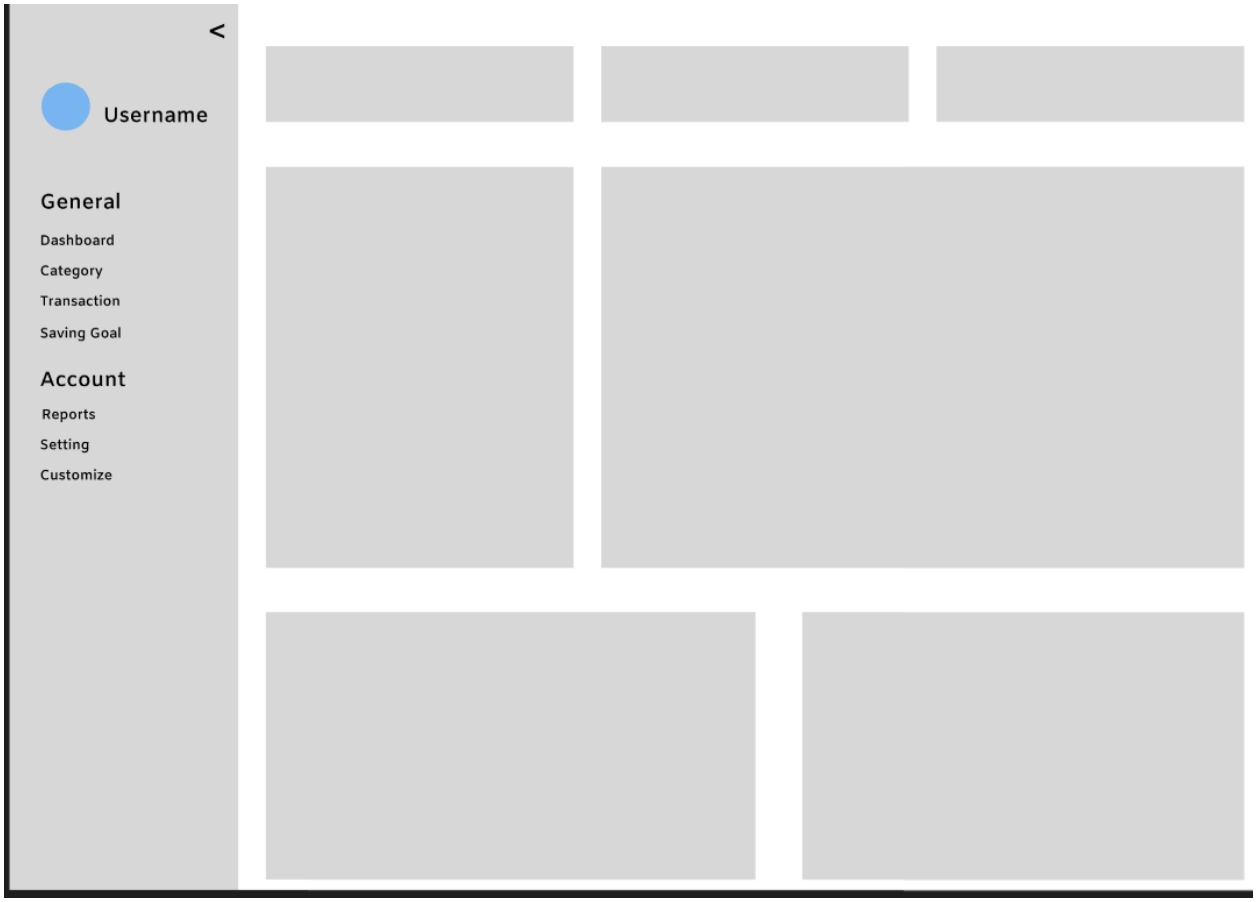
Register?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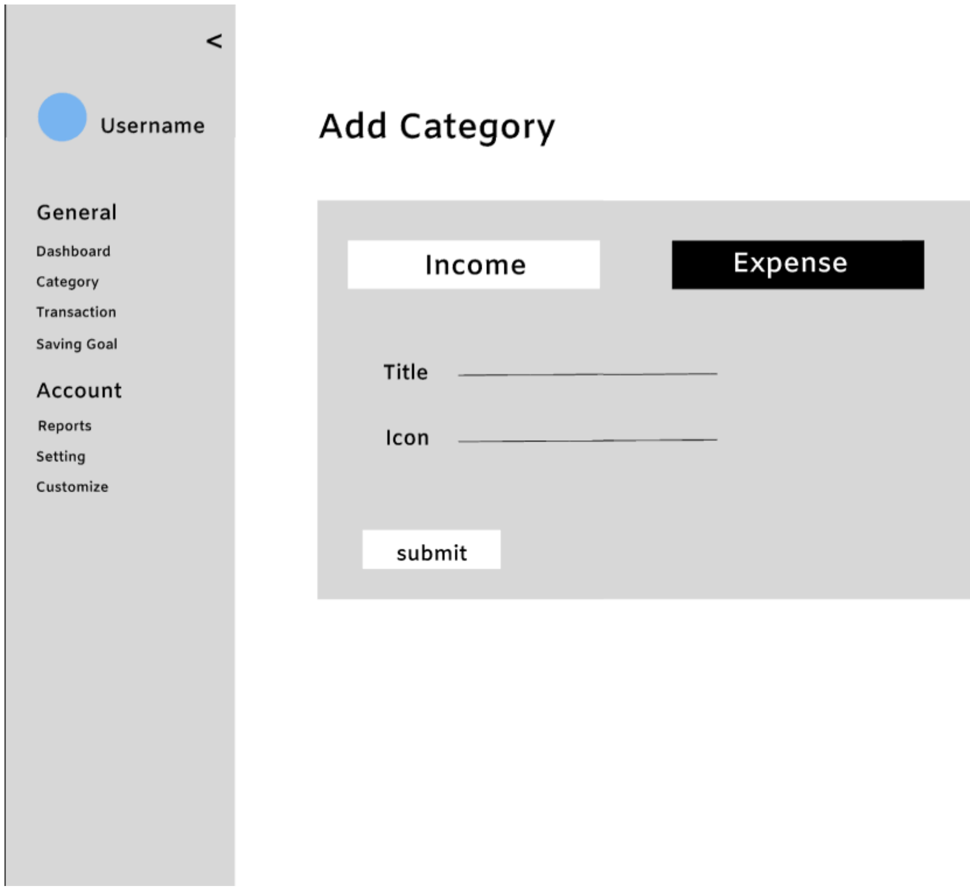
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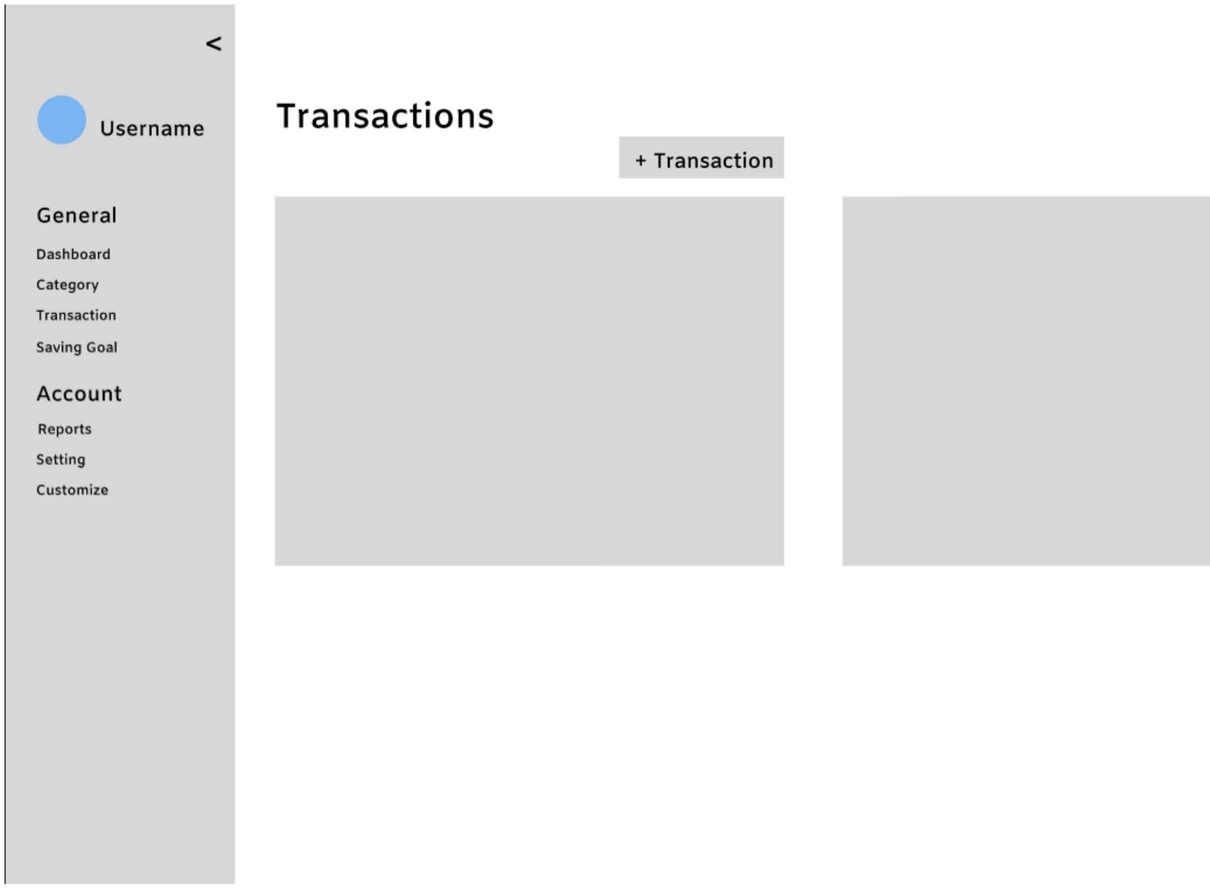
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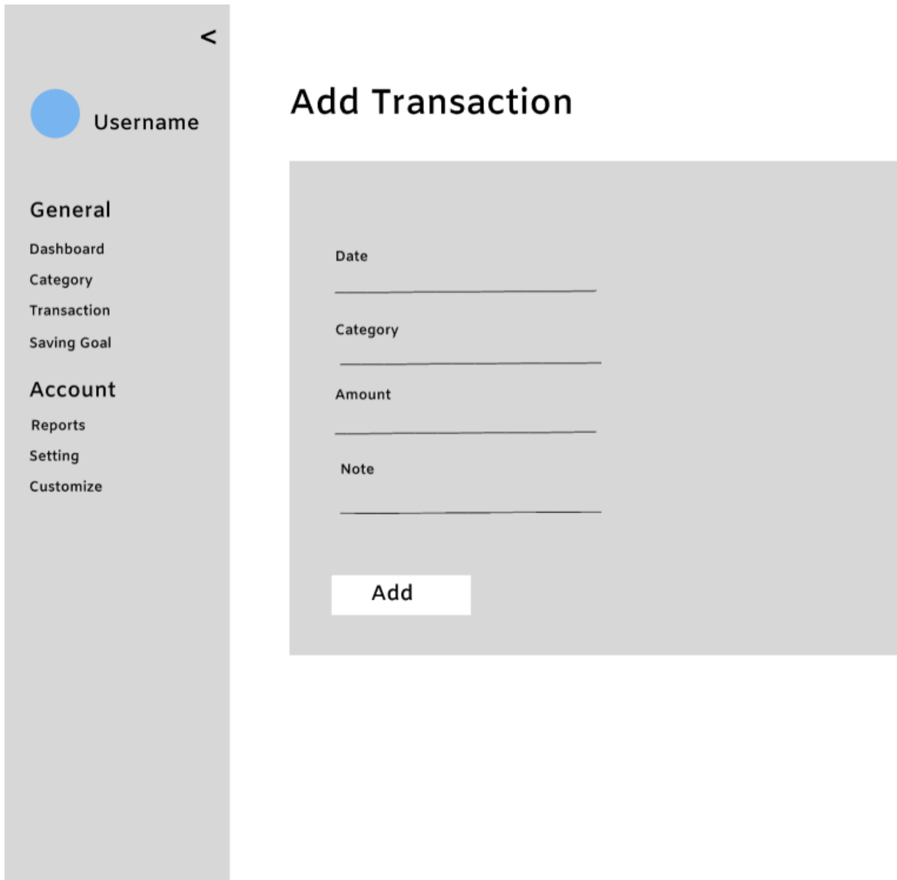
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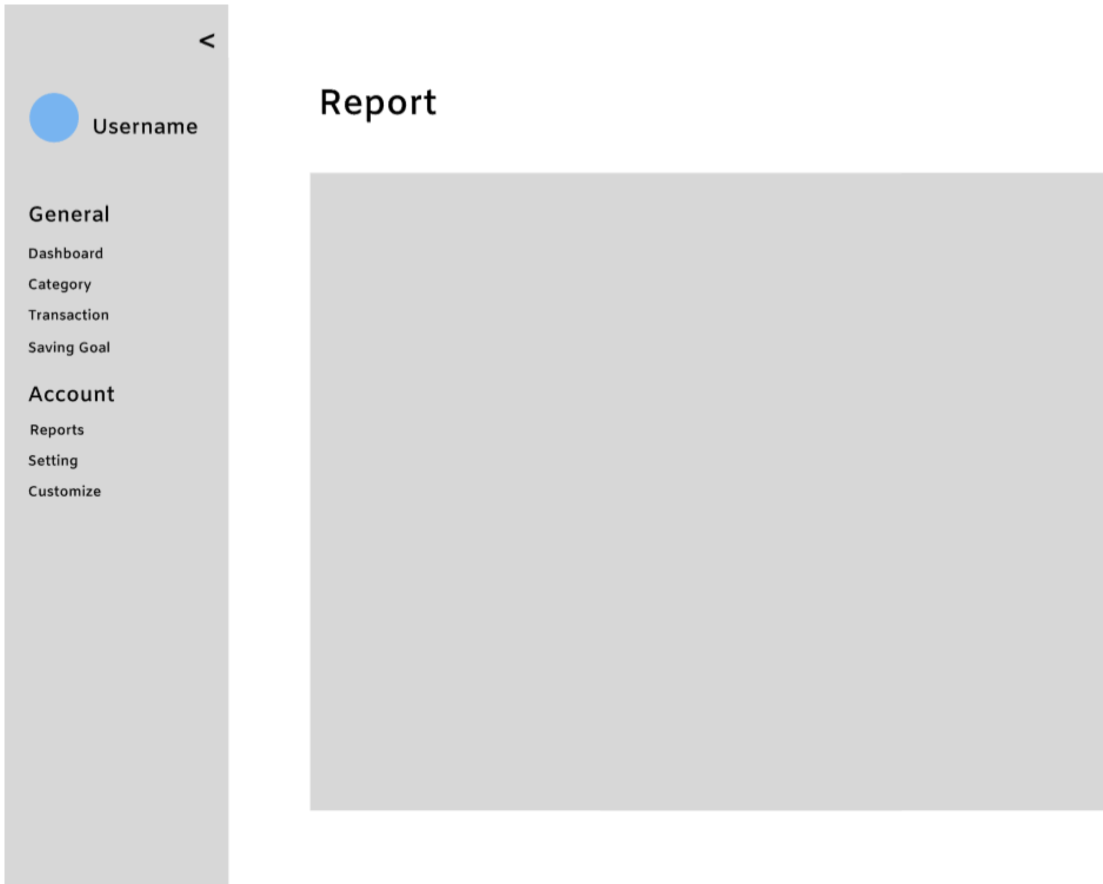

Change log

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.
5/12/25 - added a range for date and dashboard customizes to it
5/22/25 - Removed Savings and Setting pages
5/22/25 - Updated SRS Style
5/22/25 - Added PDF Download in report view
5/22/25 - Updated all sections to remove and include features.