

WEALTH WISE ISSUES LOG

ACCOUNT: FEATURES

Pseudo-Feature: App Setup

- **User Story:** Setup File Architecture
 - **Dev Task:** Setup main folder with appropriate folders (application, business, persistence, presentation, objects)
- **User Story:** DSOs
 - **Dev Task:** User object
 - **Dev Task:** OneTimeExpense object
 - **Dev Task:** OneTimeIncome object
 - **Dev Task:** RecurringExpense object
 - **Dev Task:** RecurringIncome object
- **User Story:** Create Database Interface
 - **Dev Task:** User persistence
 - **Dev Task:** OneTimeExpense persistence
 - **Dev Task:** OneTimeIncome persistence
 - **Dev Task:** RecurringExpense persistence
 - **Dev Task:** RecurringIncome persistence
- **User Story:** Setup Stub Database
 - **Dev Task:** User stub
 - **Dev Task:** OneTimeExpense stub
 - **Dev Task:** OneTimeIncome stub
 - **Dev Task:** RecurringExpense stub
 - **Dev Task:** RecurringIncome stub
- **User Story:** Setup UI Skeleton
 - **Dev Task:** Add UI tabs for homescreen (home, analytics, tracker)
 - **Dev Task:** Add dummy screens for each tab
- **Dev Task:** Test RecurringExpense object
- **Dev Task:** Test RecurringIncome object
- **Dev Task:** Test OneTimeIncome object
- **Dev Task:** Test OnetimeExpense object
- **Dev Task:** Test User object

ACCOUNT: FEATURES

Feature: Account Management (Core functions of an account)

- **User Story:** Create an account. "As a university student managing tuition payments, I want to create an account to start tracking my finances." (high)
 - **Dev Task:** Create signup page (8 hours)
 - **Dev Task:** Create logic to store account information (8 hours)
- **User Story:** Log in and log out. "As a user, I want to log in and log out securely to manage my finances." (high)
 - **Dev Task:** Create login page (8 hours)
 - **Dev Task:** Create logout button UI (8 hours)
 - **Dev Task:** Create logic to validate user credentials at login (8 hours)
- **User Story:** Change password. "As someone concerned about security, I want to change my password to protect my financial data." (medium)
- **User Story:** Delete account. "As a user no longer needing the app, I want to delete my account and clear all my data." (low)
- **User Story:** Profile Dashboard. "I'd want a place to see and change any details related to my account" (high)
 - **Dev Task:** Design UI (8h)
 - **Dev Task:** Settings placeholders (3h)
 - **Dev Task:** Implement settings (8h)

Feature: Account Editing (Make changes to account)

- **User Story:** Change name. "As a newlywed, I want to change my name to match my marital status." (low)
- **User Story:** Add/Change profile picture. "As a user, I want to update my picture to personalize my account." (low)
- **User Story:** Dark Mode. "As someone who works late into the night, I want a dark mode option to reduce eye strain while using the app." (low)

ACTIVITY TRACKING: FEATURES

(ACCESSED VIA TRACKING ICON)

Feature: Income Tracker

- **User Story:** Log income (one-time). "As someone that works part-time and has a different number of hours from week-to-week, I'd want to log my income because my pay isn't a fixed amount". (high)
 - **Dev Task:** Create logic to validate entry
 - **Dev Task:** Create logic to create the object and send it to the database
- **User Story:** Log recurring income (fixed). "As a salaried employee, I want to enter my recurring expected income once, so I don't have to log it each time I get paid". (High)
 - **Dev Task:** Create logic to validate entry
 - **Dev Task:** Create logic to create the object and send it to the database
- **User Story:** Use button to log income. "As someone that isn't good with technology, I want to be able to easily find where and how I can log my income." (medium)
- **User Story:** Edit income entry. "As someone that is clumsy, I'd want to edit my income logs in case I make a mistake." (medium)
- **User Story:** Delete income entry. "As a food service worker, I would want to be able to delete an income entry, in case my hours get cut." (medium)

Feature: Expense Tracker

- **User Story:** Log one-time expenses. "As a frequent shopper, I want to be able to log my one-time purchases because I buy different things each time I visit the mall." (high)
 - **Dev Task:** Create logic to validate entry
 - **Dev Task:** Create logic to create the object and send it to the database
- **User Story:** Log recurring expenses. "As someone with several subscriptions, I want to log my recurring expenses so I can keep track of my monthly payments". (high)
 - **Dev Task:** Create logic to validate entry
 - **Dev Task:** Create logic to create the object and send it to the database
- **User Story:** Use button to log expenses. "As someone that isn't good with technology, I want to be able to easily find where and how I can log my expenses." (medium)
- **User Story:** Edit expense entry. "As a Netflix subscriber, I'd want to be able to edit my recurring expenses because Netflix changes their prices often". (medium)
- **User Story:** Delete expense entry. "As an online shopper, I want to be able to delete an expense in case I want to make a return". (medium)

Feature: Savings Tracker

- **User Story:** Set a savings goal. "As someone saving for a vacation, I want to set a savings goal so I can see how much more I need to save each month to reach it". (medium)
- **User Story:** Allocate money toward a savings goal. "As someone saving for a car, I'd want to record each time I put money away toward my goal". (medium)

ANALYTICS: FEATURES

(ACCESSED VIA ANALYTICS TAB)

Feature: Summary Dashboard

- **User Story:** View activity log. "I want to be able to see all my past logged entries so I can be thorough and see my activity in detail." (medium)
- **User Story:** View pie chart. "I want to see my expenses, income, and savings in a pie chart to easily and conveniently view my finances." (medium)
- **User Story:** Access tabs to other dashboards. "I want to switch between the different dashboards, like income, expenses, or savings dashboards, to see all my finances in detail." (medium)
- **User Story:** View data monthly, annually, etc. "As someone tracking long-term financial trends, I want to see my data for each month or year so I can track my spending and savings." (low)

Update GitLab below this point

Feature: Incomes Dashboard

- **User Story:** View all income logs. "As someone with multiple jobs, I want to see all my income entries, because I have different incomes for each job." (medium)
- **User Story:** View income by month. "As someone with variable income, I want to see my monthly income as it changes, so that I can compare my take-home from month-to-month" (low)
- **User Story:** View monthly income as a pie graph. "As someone with multiple jobs, I want to see my income by category, so I can track earnings from each source and plan my budget effectively." (low)
- **User Story:** View income over a year as a time plot. "As someone with variable income, I want to see my monthly income over the span of a year to see how it changes." (low)

Feature: Expenses Dashboard

- **User Story:** View all expense logs. "As someone that buys a lot of things, I want to see all my expenses in one area, so I can keep track of my spending" (medium)
- **User Story:** View expenses by month. "As a frequent shopper, I want to see my monthly expenses so I can see a summary of all my spending over the course of each month." (low)
- **User Story:** View monthly expenses as a pie graph. "As someone that's bad with numbers, I want to see a visual representation of my monthly spending as a pie graph, because it's easier for me to understand." (low)
- **User Story:** View expenses over a year as a time plot. "As someone that spends differently depending on the season and time of year, I want to be able to see a time plot of my spending, so I can see how my spending changes over time" (low)

Feature: Savings Dashboard

- **User Story:** View savings progress by different goals. "As someone paying off several loans and working toward a savings goal, I want to see my savings by goal, so I can track progress toward both paying off debt and reaching my savings target." (low)
 - **Dev Task:** Progress bars for each savings inputted; example achieved Car 50%, House 20%, Tuition 20% of items total (Car \$2500/\$5000 and so on).
- **User Story:** View total savings. "As a person with multiple income and expense sources, I want to know how much money I'm saving after subtracting my expenses from my income". (low)

USER EXPERIENCE: FEATURES

(OPTIONAL OR ADDITIONAL)

Feature: View Awards and Badges

- **User Story:** Achievement Awards. "As a busy worker, I want to receive awards to help motivate me to reach my financial goals."
- **User Story:** Profile Badges. "As a busy student, I want profile badges to motivate me and help me remain active in logging my activity."
- **User Story:** Streaks. "As someone who gets distracted, I want to stay accountable with streaks, so I can see how consistent I am with my financial habits."

Feature: 2D "Buddy" Display

- **User Story:** Budget Buddy. "I want Budget Buddy to cheer me on when I hit milestones and motivate me when I fall behind, giving me a fun way to track my finances."

Feature: Notifications

- **User Story:** Rent Notifications. "As someone who can be forgetful, I want calendar notifications to help me track rent due dates so I don't miss any payments."
- **User Story:** Payday Notifications. "As someone who wants to stay on top of my finances, I want calendar notifications to remind me of my upcoming payday so I can plan my spending accordingly."
- **User Story:** Savings Goal Notifications. "As someone excited for my trip, I want to be notified when I'm close to reaching my savings goal, so I can stay motivated and on track."

Feature: Calendar

- **User Story:** View Event (rent, payday, etc.). "As a user, I would like to see all my financial events on a calendar."