CMPSC 488 – Capstone Project

Expense Deck

The Expense Trackers

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High-Level Requirements

1. The user must be able to add, edit, and remove any transaction.
2. Provide automatic transaction updates through a bank API.
3. The user must be able to sort through transactions to view all transactions, only income or only expense and can view current net worth (asset - debt).
4. The user must be able to see a chart that categorizes the transactions based on the type of transaction (e.g., food, rent, subscriptions, student loans).
5. Provide a goal system for users where they can set limits on set amounts or different spending categories.
6. Provide a reminder system for users where they can set payment reminders for any expense.
7. Provide a subscription page for users where they can create a list of recurring income or expense transactions.
8. Provide a login system for users through social media accounts (e.g., Gmail, Facebook).
9. The user must be able to generate a monthly report of all transactions and compare reports.
10. Allow the mobile app to be easily accessible through alternative methods (i.e., text to speech capabilities).