

## CMPSC 488 – Capstone Project

### Expense Deck

#### The Expense Trackers

##### **High-Level Requirements**

1. Provide a login system for users through social media accounts (e.g., Gmail, Facebook).
2. The user must be able to add, edit, and remove any transaction.
3. Provide auto fill for transactions through a banking API.
4. 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).
5. 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).
6. Provide a goal system for users where they can set limits on set amounts or different spending categories.
7. Provide a reminder system for users where they can set payment reminders for any expense.
8. Provide a subscription page for users where they can create a list of recurring income or expense transactions.
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).