

# CINS 5306 – Term Project

## Creative Minds

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### **Wealth-Watch: Personal Financial Tracker**

Our team is proposing the development of a personal financial tracking software solution. The goal of this software is to help users keep track of their wealth, daily spending, monthly subscription costs, outstanding debt, stock portfolio, and other financial activities. By providing users with these valuable insights, they can make better financial decisions and take control of their financial futures.

**Features:** Our personal financial tracker will have a variety of features to help users manage their finances. These features include:

- **Wealth tracker:** Users will be able to input their assets and liabilities, and the software will provide them with an overview of their net worth.
- **Spending tracker:** Users will be able to input their daily expenses, and the software will categorize them so users can see where they are spending their money. This will also include any monthly subscription services they are a part of, or any periodic payment schedules such as rent, utilities etc.
- **Debt tracker:** Users will be able to input their outstanding debts, and the software will provide them with a payment schedule and interest rate calculator.
- **Stock portfolio tracker:** Users will be able to input their stock portfolio, and the software will provide them with real-time stock prices and a graphical overview of their portfolio performance.

**Benefits:** The personal financial tracker software solution will be beneficial to users in several ways. By having a clear understanding of their wealth, spending habits, and debt, users will be able to make informed financial decisions. Users can set financial goals and track their progress towards achieving them. Additionally, by being able to monitor their stock portfolio, users can make informed investment decisions, which can lead to increased financial gains.

**Conclusion:** Our personal financial tracker software solution is a valuable tool that can help users take control of their finances. With its features and benefits, it has the potential to revolutionize the way users manage their finances. We will be utilizing C++ and its data structures to accomplish this and include various sorts of sorting algorithms to showcase the data in a more understandable and meaning fashion.