PocketSaver
Project Statement

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1 Problem Description

According to a survey conducted by BMO, majority of Canadians spends about $3,720 a year on impulse purchases. That comes up to around $310 per month that could have been saved. Especially as a student living away from home, it is easy to buy a coffee here and a sandwich there without realizing how much we spend. We are implementing an application called PocketSaver, an easily accessible personal financing tool engineered to keep track of everyday expenses. This application will help the average person keep a record of their purchases, big or small, and promotes self-awareness of how much they spend. By visually seeing the amount spend, we can strive to shop smarter and save more. We are basing this project off another open sourced project called CoCoin. With our project, we strive to provide a solution to the problem of personal finance by keeping detailed records of everyday transactions. By keeping a detailed record these transactions, we promote better budgeting and money management. The key software development qualities that we are striving to meet are the usability, portability, correctness and reliability of the application. Our goal is to improve the usability of the application by creating a clean and intuitive user interface that allows the user to navigate the application with ease. We will achieve portability by using Visual Studio, a multiplatform application development tool. With the open source project CoCoin and our own implementation, we strive to create an accurate and reliable personal financing tool for everyday use.

2 Importance

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3 Context of Problem

3.1 Stakeholders and Software Environment

Our implementation of this personal finance application can be used by anyone who wants to develop or maintain better budgeting and money management skills. The application will be made by using a multiplatform development tool and therefore will be compatible with both android and ios. This allows the application to be easily accessible by everyone, especially the average student living on a budget. By reimplementing this project, we will ensure that PocketSaver has proper documentation, making it easier for future developers to contribute in the future.