

## Essay

Are you tired of managing your finances haphazardly and looking for a solution that is tailored to your unique needs? Look no further than CashFlow - the revolutionary new app that is taking the financial management world by storm.

Meet Vivian Atieno Ouma, a software developer with a passion for open source projects, developer communities, and mentorship programs. She is a Computer Science graduate from Masinde Muliro University of Science and Technology and is currently pursuing her master's degree in Artificial Intelligence. She has experience working as a software developer for HealthIT in Kenya and JUUBIX.

CashFlow is an app that is designed to help the users develop healthy financial habits that stick. Unlike other financial management apps that are already on the market, CashFlow is customized to the user's preferences and will help them to take control of their finances. I was going through financial turmoil due to mismanagement of funds, and I therefore created CashFlow to solve my own financial challenges and will soon share the solution with the world.

This app is still under development, but I am excited that I'll get to use it to enforce some financial discipline and monetize it in the near future. With CashFlow, I'll be able to kill three birds with one stone - learn mobile development(kotlin), develop healthy financial habits and enjoy a passive source of income.

Built using Kotlin multiplatform, CashFlow is available for both Android and iOS. The shared application logic is written in Kotlin, while the UI is built using Jetpack Compose for the Android app and Swift UI for the iOS application. It utilizes kotlin's database SQLite and integrates with dropbox for real time data sync. With the MVVM architecture, native ViewModels, and a "shared middleware actor," CashFlow is the ultimate solution for managing your finances.