Proposal

FundsBook

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Submitted in partial fulfillment

Of the requirements of CSC-431

Software Engineering course project

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# **Preface**

This is a proposal for the Fund Book project for partial fulfillment of the requirements of a Software Engineering course (CSC431) project in the department of Computer Science at the University of Miami.

This proposal provides the scope and context of the project to be undertaken. It details the intended user group and the value that the system will have to them.

The intended audience of this document is the course professor and teaching assistants so that they can determine whether the project should be approved as proposed, approved with modifications, or not approved.

# **1.0** **Overview**

## **1.1.** **Purpose, Scope and Objectives**

This app is created with the intention for personal use by anyone who is having trouble or is trying to find a way to better manage their money. Anyone with some sort of income will be able to use this app to better help them manage their finances.

The application is intended to be used on mobile devices and to have compatibility with both android and iOS operating systems.

To use this app, any mobile device such as a tablet or smartphone will be required. Since we plan on making the app compatible with both android and iOS operating systems, we would require to use some type of software that allows for the app to have full functionality no matter where it is opened, whether it may be in an iPhone, a Samsung, or a tablet.

## **1.2.** **Project description**

Our goal is to assist the everyday worker on budgeting and finance in their daily life. To do this, our application will offer a number of features:

* Ability to create your own budget plan and put money into certain savings accounts based on the plan you created (Users can do it manually based on the plan or have the app access each paycheck received and automatically sort it). This feature will be programmed by us.
* Ability to create other budget plans for different priorities, either for yourself to use on different occasions or for others to use. Users will be able to choose one and list it as “active”. This will be programmed by us.
* Each user will have a profile that they can set to public or private depending on who they want to be able to see their plans. We will use existing software for this.
* Each user can also friend people so when they set their profile to private, only their friends can see it. We will program this.
* Users can also follow more famous users on the platform in order to see what new budget plans they may come up with. Well known investors or financial advisors can create plans and others can follow them and use their plans as a reference. We will program this.
* Search feature to find users and plans that prioritize different things, e.g. expensive car payments, expensive mortgage, student loan payments, etc. We will program this
* Each plan will have a tag that helps categorize what that plan will prioritize to make searching easier and to help a user get their own plan out to more people. We will use existing software for this
* Have a “close friend” option that allows the users on that list to see actual dollar amounts used in their budget as opposed to just percentages of total income. We will use existing software for this.
* Achievement system to incentivize users to stay on their budget plan. Achievements for making a certain number of plans or different varieties of them, achievements for following the budget plans for certain amounts of time, etc. We will program this