# FinStarter

**TEAM NAME: BUFFC**

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# ABSTRACT

**FinStarter** is an educational desktop app designed to introduce beginners to essential financial concepts, such as saving, investing, and compound interest, through an engaging and interactive platform. The app aims to address the gap in financial literacy by offering users a simple place where they can learn at their own pace.

The app features several core modules, including **Saving Basics**, **Introduction to Stocks**, and **Understanding Compound Interest**, each designed to break down complex financial topics into bite-sized lessons.

Built for **young adults** and **finance beginners**, FinStarter is an accessible tool that empowers users to take control of their financial futures by providing them with the knowledge and skills needed to make informed financial decisions. Through this app, users can gain confidence in managing money, investing, and planning for long-term financial success.

The prototype, developed in 30 hours, serves as an MVP for demonstrating the key concepts of interactive finance education and gamification, with the potential for expansion into more advanced topics and features in future versions.

# Introduction

Financial literacy should be in every adult's skillset as managing finances becomes a dominant topic amongst society. The need for simple and straightforward financial education has never been more important with the ever-growing necessity of managing one's personal finances, investments, and future planning. Yet, in traditional financial literacy education, a huge demography of the society needs to know the terms before delving into the subject. FinStarter is addressing this problem by creating an interactive platform that teaches the basic principles of finance, namely saving, investing, and compound interest.

# Background

Knowledge of finances can help an individual make proper choices when it comes to saving, budgeting, and investing. In as much as financial literacy is significant, it is reported that a big number of the society, especially younger generations do not have the requisite information on similar topics. In addition, many people are scared of investing as the field is huge and contains a lot of confusing terminology and concepts that are hard for a layman to grasp. FinStarter's goal is to tackle this problem through providing a stripped down version that is easier and fun to interact with.
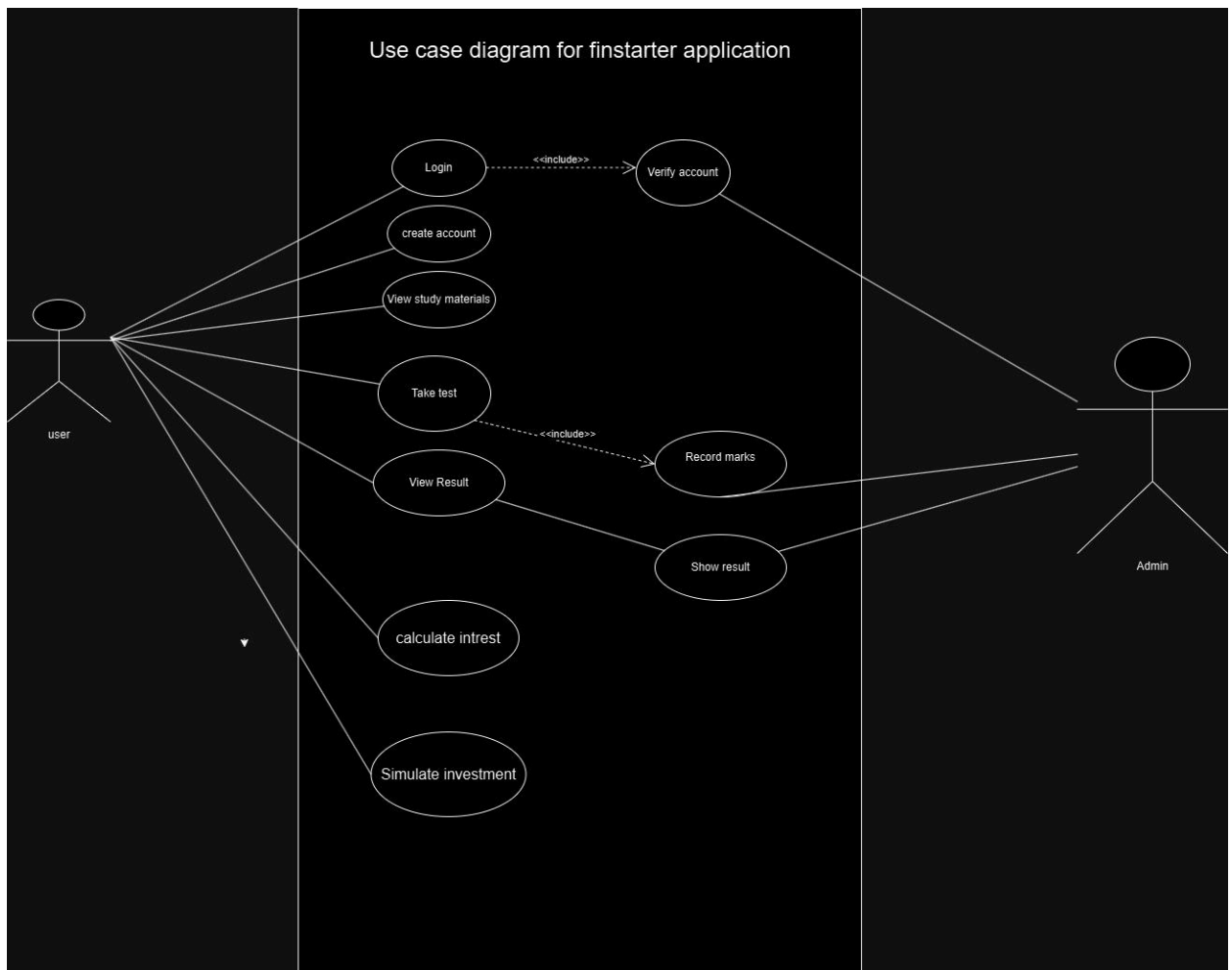
# Statement problems

The problem lies in the widespread lack of financial literacy, particularly among young people and beginners, who often do not have access to easily digestible financial education tools. Most existing resources are either too advanced, overly theoretical, or not engaging enough to capture the attention of users who are new to finance. As a result, many individuals are unprepared to make informed financial decisions, leading to poor saving habits, missed investment opportunities, and financial stress in the long term.
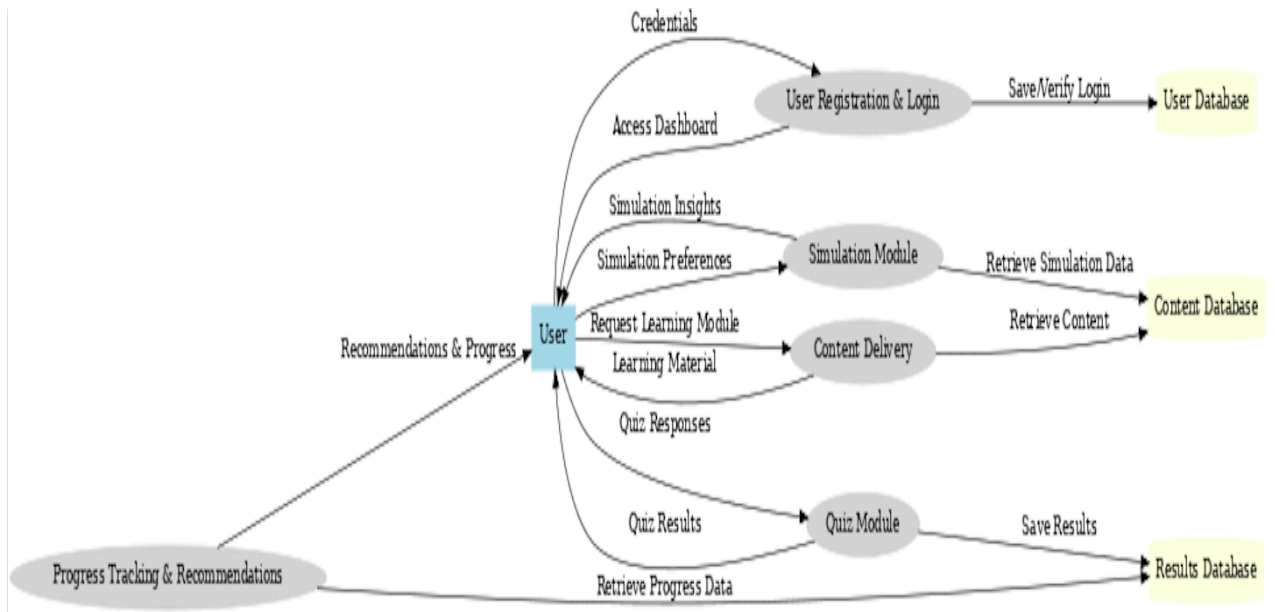
# Objectives of FinStarter

- **Teach Basic Financial Concepts**: Provide interactive lessons on saving, investing, and compound interest.
- **Promote Financial Literacy**: Simplify complex topics to make them accessible for beginners.
- **Simulate Real Investments**: Offer hands-on investment simulations for users to practice without real-world risk.
- **Engage Users with Gamification**: Incorporate quizzes, badges, and progress tracking to enhance learning and motivation.
- **Build Financial Confidence**: Help users make informed decisions and develop good financial habits.

# Use case diagram



Use case diagram for finstarter application

- Login ----<<include>>---> Verify account
- create account
- View study materials
- Take test ----<<include>>---> Record marks
- View Result
- Show result
- calculate intrest
- Simulate investment

user

Admin

# Data Flow Diagram

# Expected Output

**1.Increased Financial Literacy**

 -Users will gain a solid understanding of fundamental investment concepts    such as saving, stocks, and compound interest.

**2. User Engagement**

-High user retention through interactive modules, quizzes.

-Enhanced motivation to learn and apply financial concepts in real life.

**3. Practical Application**

-Increased awareness of the importance of budgeting, saving, and investing.

4. **Behavioral Impact**

-Encouraging users to develop positive financial habits, such as regular saving and long-term investing.

- Users will feel confident about starting their financial journey with actionable knowledge.

# Conclusion

FinStarter aims to empower users with fundamental financial knowledge through an engaging, interactive, and user-friendly approach. By incorporating modules on saving, stocks, and compound interest, combined with quizzes, the platform bridges the gap between theoretical concepts and

practical application. It seeks to demystify investment for beginners and foster financial literacy in a fun and accessible way.

FinStarter has the potential to make a significant impact by encouraging informed decision-making, promoting financial independence, and building long-term wealth strategies for its users. With its interactive and gamified features, the platform will not only educate but also motivate users to take actionable steps toward securing their financial future.