

LOGITECH SOLUTIONS

INNOVATE

CONNECT

INSPIRE



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Introducing Logitech: Empowering Young Adults for Financial Growth

- The problem domain analysis was conducted to understand the challenges faced by young adults in managing their money and making informed financial decisions. The results of the analysis are presented in the proposal as follows:
 - 1. Lack of Financial Knowledge and Guidance:
 - - Young people struggle with money management and financial planning.
 - - Many face financial stress, debt, and limited prospects for stability.
 - - Existing financial education materials may be overwhelming or inaccessible.
 - 2. Need for User-Friendly Financial Assistance:
 - - A user-friendly mobile application is required to provide comprehensive financial assistance tailored to the unique needs and difficulties experienced by young people.
 - - The app, Finanis, aims to fill this gap and offer crucial financial knowledge and guidance.

- 3. Importance of Investing for Growth:
 - - Young people need to go beyond saving and invest their money to maximize its growth potential.
 - - Logitech aims to engage young people in short- and long-term investments to help them achieve financial stability and growth.
- 4. Integration of Technology for Online Investing:
 - - Technology can be leveraged to minimize the hassle and expense of physically visiting financial institutions for financial education and investing.
 - - Logitech offers a contactless and effortless platform for young adults to invest and grow their money using technology tools.
- The analysis highlights the problem of financial illiteracy among young adults and the need for a user-friendly app like Logitech to provide accessible financial education and investment opportunities. It also emphasizes the importance of integrating technology into investing for improved financial safety and growth. By addressing these challenges, Logitech aims to empower young adults to make wise financial decisions and achieve their financial goals.

INTRODUCTION

Logitech Solutions is a leading marketing IT company that provides a complete suite of tools for inbound marketing, sales and customer service. Our software platform includes tools for website management, Data management, Advertising for small business and help their services move quicker, safer and more efficiently.

HISTORY

Logitech Solutions has worked hard to establish itself and provide all the necessary services which are related to the investment side of businesses at large. It has consistently achieved growth and success in all their main services. Logitech Solutions discovered that investment cognizance is lacking in ICT sector which requires individuals to go back and forth ensuring that their money is securely invested according to the outcome they waiting to receive.

VISION AND MISSION STATEMENTS

VISION

- Our vision is to help individuals invest, expand, and reap the benefits of a good investment decision. Logitech Solutions ensures this by providing a seamless and integrated platform for all their investment needs, such as faster service more reliable and more efficient.
- With Logitech Solutions, individuals can easily create and manage their investments, generate leads, and track customer interactions, all-in-one piece place. The application will allow users to investment, User Automation, Track and communicate.

VISION AND MISSION STATEMENTS (cont.)

MISSION

- Here at Logitech Solutions we develop winning strategies to keep ahead of the competition. We also capitalize on low-hanging fruit to identify a ballpark value and also visualize customer directed convergence.
- We also support development and the country's transformation agenda, by empowering the youth through ways around technology for expanding knowledge and job creation.

HYPOTHESIS

Many large industries rely on ICT because a unified infrastructure is critical to keeping work organized. A planned and integrated ICT system can benefit any business that manages many employees or customers. Local government, mining and construction, hospitality, and education are just a few of the industries that have adopted modern ICT infrastructures to aid in the facilitation and management of their work, employees, and clients.

The private sector is one of the largest spenders in the ICT industry. As a result, retail banks have increased their budgets to meet the industry's demand for digital platforms while also expanding their online security measures. In the medium term, there is increasing innovation in HR applications and teleworking software's to double operational efficiencies as more people work from home. As a result, businesses may consider how to cut costs and incorporate remote and teleworking strategies into their digital policies.

HYPOTHESIS (cont..)

South Africa has one of Africa's largest information and communications technology markets. It contributes significantly to South Africa's GDP. South Africa's ICT and electronics sector is considered sophisticated while also developing.

Businesses investing in a modern company. ICT infrastructure can assist them in streamlining your services and operations, providing more value to clients and customers at a lower cost. Employees and managers can benefit from a unified and simple-to-use system that automates processes and allows them to work more efficiently. Planning and improving ICT infrastructure can be a critical step for any larger business or organization, allowing them to capitalize on modern innovations as they emerge while remaining competitive. Planning and improving ICT infrastructure can be a critical step for any larger business or organization, allowing them to capitalize on modern innovations as they emerge while remaining competitive.

PROBLEM DOMAIN: LOGITECH

Description: The problem domain revolves around the challenges faced by individuals in managing their finances effectively and making informed investment decisions. It encompasses various aspects of personal finance, including budgeting, saving, investing, and retirement planning. The problem domain aims to address the following issues:

- 1) Lack of Financial Knowledge: Many individuals have limited knowledge and understanding of financial concepts, investment strategies, and long-term financial planning. This lack of knowledge hinders their ability to make informed decisions and maximize their financial growth.
- 2) Limited Access to Investment Opportunities: People often face difficulties in accessing a wide range of investment options, especially those that offer a balance between safety, income, and growth. Limited access to diverse investment opportunities restricts their ability to diversify their portfolios and potentially achieve higher returns.

PROBLEM DOMAIN: LOGITECH

(cont.)

5) Complex Financial Processes: The financial processes involved in managing investments, such as account opening, fund transfers, investment tracking, and monitoring performance, can be complex and time-consuming. The lack of user-friendly tools and streamlined processes makes it challenging for individuals to navigate the financial landscape efficiently.

6) Risk Management: Understanding and managing investment risks is crucial for long-term financial success. However, many individuals struggle to assess and mitigate risks effectively, leading to potential financial losses and missed opportunities.

7) Retirement Planning: Planning for retirement is a significant financial challenge for many individuals. They often lack the knowledge and tools to estimate their future financial needs, set retirement goals, and create effective investment strategies to achieve those goals.

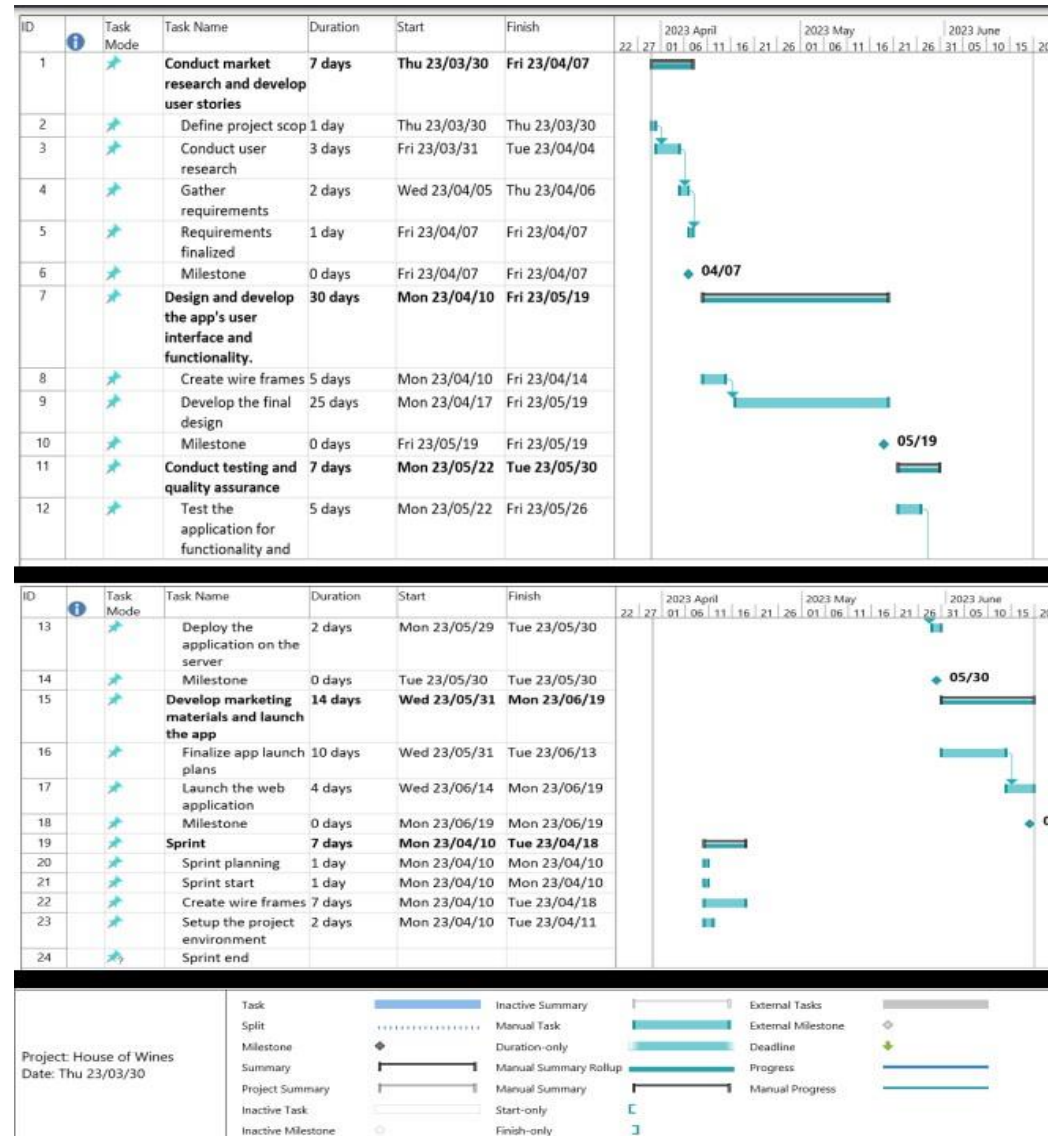
ACTIVE ACTORS

- 1) User: Represents individuals who use the Logitech application. They can create accounts, explore investment programs, make transactions, and manage their financial goals.
- 2) Financial Management System: Represents the backend system that powers the Logitech application. It includes the logic and functionality to create and manage user accounts, investment accounts, investment programs, and investment transactions.
- 3) Investment Account: Represents an account held by a user within the Logitech application. It tracks the account type, balance, start and end dates, and is associated with a specific user.
- 4) Investment Program: Represents various investment opportunities available to users. It includes details such as the program name, description, type, investment amounts, expected returns, and risk level.
- 5) Investment Transaction: Represents a financial transaction made by a user within the application. It includes details such as the user, account, program, transaction type, date, and amount

PASSIVE ACTORS

- 1) External Financial Institutions: These are external entities such as banks, investment firms, or financial institutions that may be integrated with the Logitech application. They can provide services like account verification, fund transfers, or accessing external investment programs.
- 2) Market Data Providers: These are external entities that supply market data, such as stock prices, currency exchange rates, or economic indicators. The Logitech application may integrate with these providers to fetch real-time or historical data for investment analysis and decision-making.
- 3) Notification Service: This is a passive actor that handles the delivery of notifications or alerts to users. It may send notifications related to account balances, investment program updates, transaction confirmations, or important financial information.
- 4) Regulatory Bodies: These are entities responsible for regulating financial activities and ensuring compliance with relevant laws and regulations. The Logitech application may need to adhere to regulatory requirements, and interactions with regulatory bodies can be considered as passive actors.
- 5) Reporting and Analytics Tools: These tools enable the generation of reports, analytics, and insights based on user data, investment performance, and financial trends. The Logitech application may utilize such tools to provide users with visualizations, performance summaries, or personalized recommendations.

Work Breakdown Structure

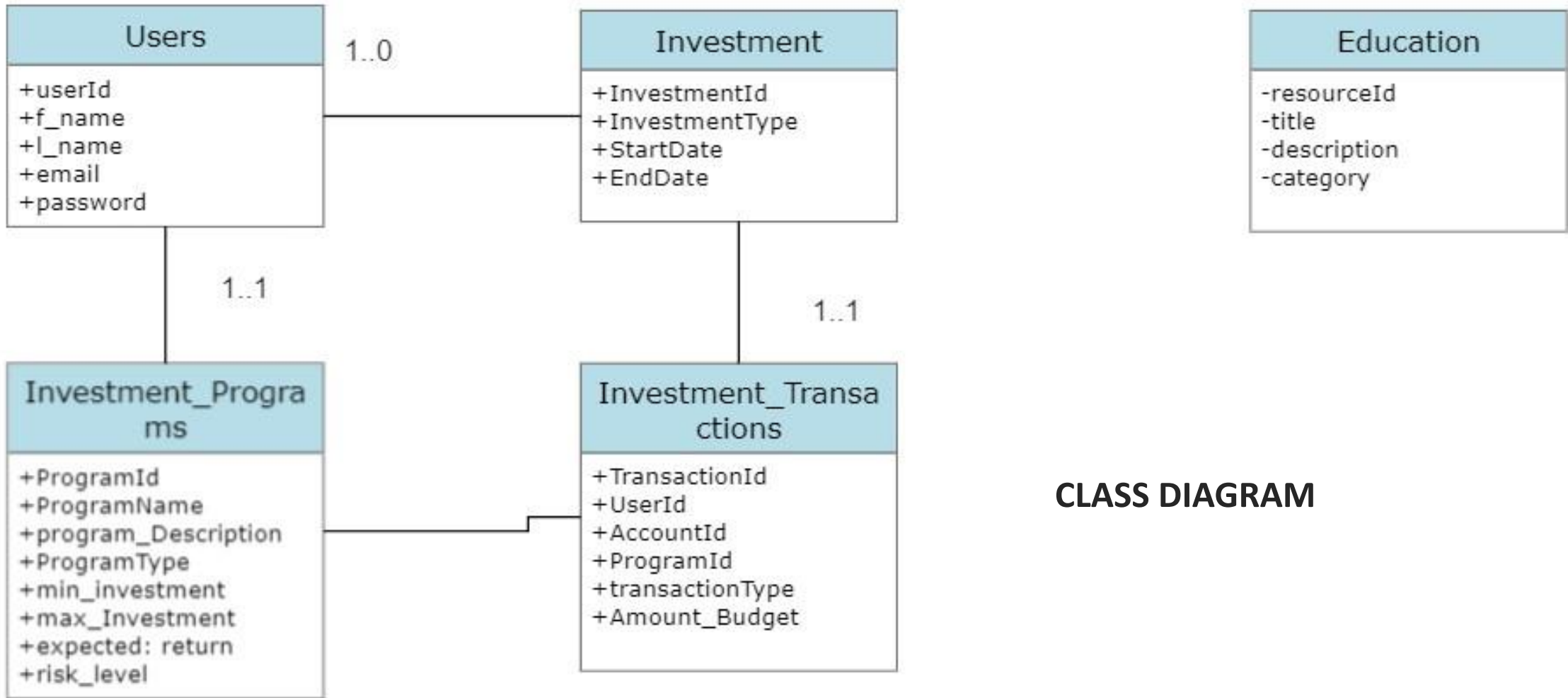


Database Components

1. User Information
2. Financial Education Content
3. Investment Programs
4. Investment Accounts
5. Asset Information
6. Investment Calculations
7. Security Measures
8. Reporting and Analytics
9. Integration with External APIs
10. System Scalability

Benefits of the Database

- Personalized user experiences.
- Comprehensive financial education.
- Efficient management of investment accounts.
- Accurate calculations and projections.
- Robust security measures for data protection.
- Valuable insights through reporting and analytics.



CLASS DIAGRAM

SERVICES

1

Planning

Synergize scalable
businesses

2

Finance

Help young people to
know how to invest
properly

3

Design

Coordinate
business applications

4

Strategy

Foster holistically
superior methodologies

5

Launch

Deploy strategic
networks with
compelling business
needs



FINANSIS

INVESTING MADE EASIER !



What is Finansis ?

Finanis is designed as a tool that offers an opportunity to the young adults to invest and grow their money contactless and effortlessly. Furthermore, Finanis provides its customers with endless amount of information as financial education. Most believe that integrating technology into investing can improve the safety of people's money, but this proposal clearly outlines the importance of stepping up to the idea of online investing.

WELCOME
TO
APP

REGISTER

FIRST NAME

SURNAME:

EMAIL:

PASSWORD:

REGISTER

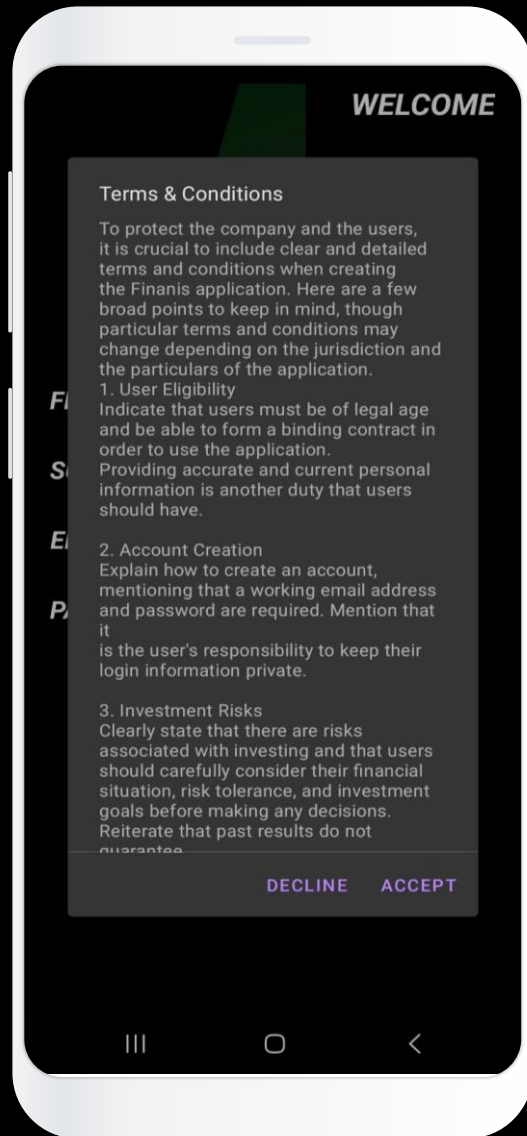
☐ TERMS AND CONDITIONS

How does it work ?

Finanis is designed as a tool that offers an opportunity to the young adults to invest and grow their money contactless and effortlessly. Furthermore, the application provides a wide choice of investment programs to help users save for retirement and other short-term or medium-term goals.

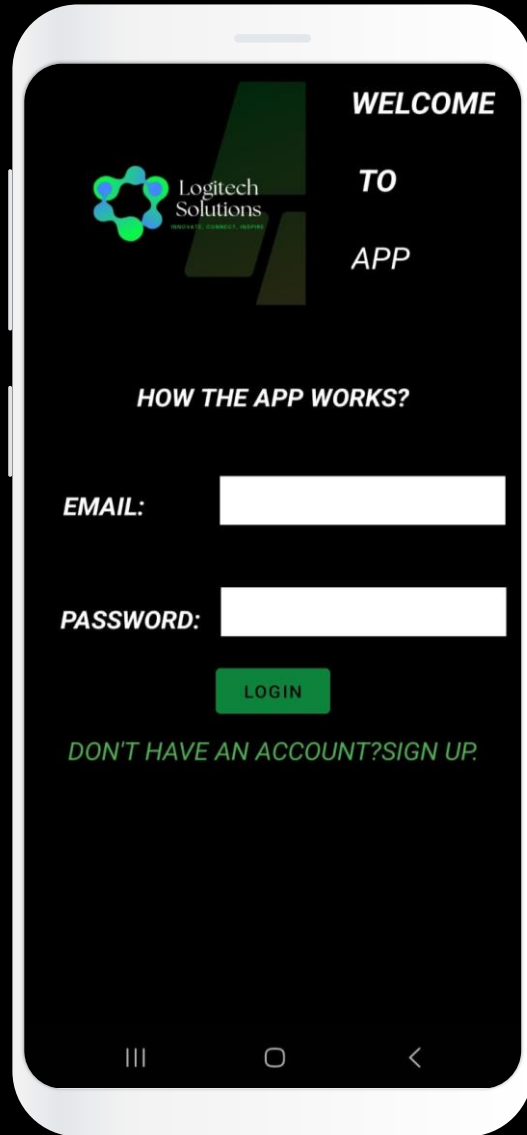
The application offers thorough financial assistance and is adapted to the unique demands and difficulties experienced by young people is therefore required. An app like Finanis, would enable young users to gain crucial financial knowledge, make wise choices, and succeed financially in the long run by investing.

An app like Finanis, would enable young users to gain crucial financial knowledge, make wise choices, and succeed financially in the long run by investing.



Agreement to T&Cs

It is important to understand and familiarize yourself with our Terms and Conditions before agreeing to use our application.



How does it work ? (cont.)

Once you have agreed upon our Terms and Conditions, you are now able to login into the application which lead the user to the homepage.



Homepage



This button will take to the investment page where you will secure your investment



Financial Planning button will take you to the financial planning page, where you can add your budgets.



The travels button will take you to the travels package page, where there will be information regarding travels.

Investment & Budget



Retirement Plan button takes you to page where you will be able to understand and secure your retirement investment.



Home button takes you to page where you will be able to understand and secure your home investment plan.



Education button takes you to page where you will be able to understand and secure your education investment plan.



Personal button takes you to page where you will be able to understand and carry out your personal investment plan.



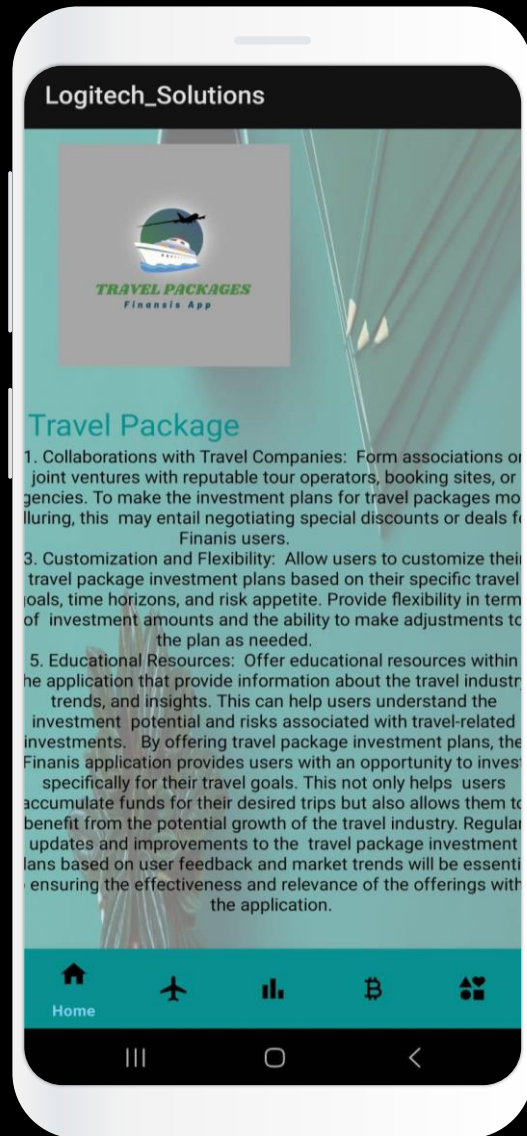
Business button takes you to page where you will be able to understand and carry out your business investment plans and secure a financially stable business.



Investment button takes you to page where you will be able to learn and understand investing in order to carry out a successful investment which will work for you.



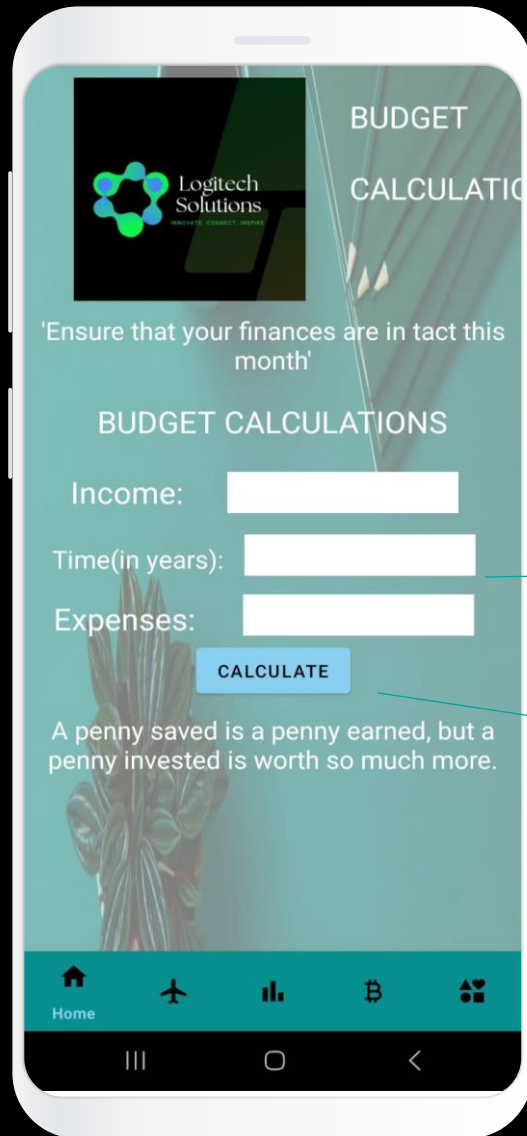
Get Budget button will take you to the Calculations page where the user can calculate how much they want to invest or budget.



Travel Packages

This is also an investment

These investment packages may allow users to profit from the expansion of the travel industry while assisting them in saving money for their desired vacations. Several vacation package investment plans are available through the Finasis app. Please see the following for more information.

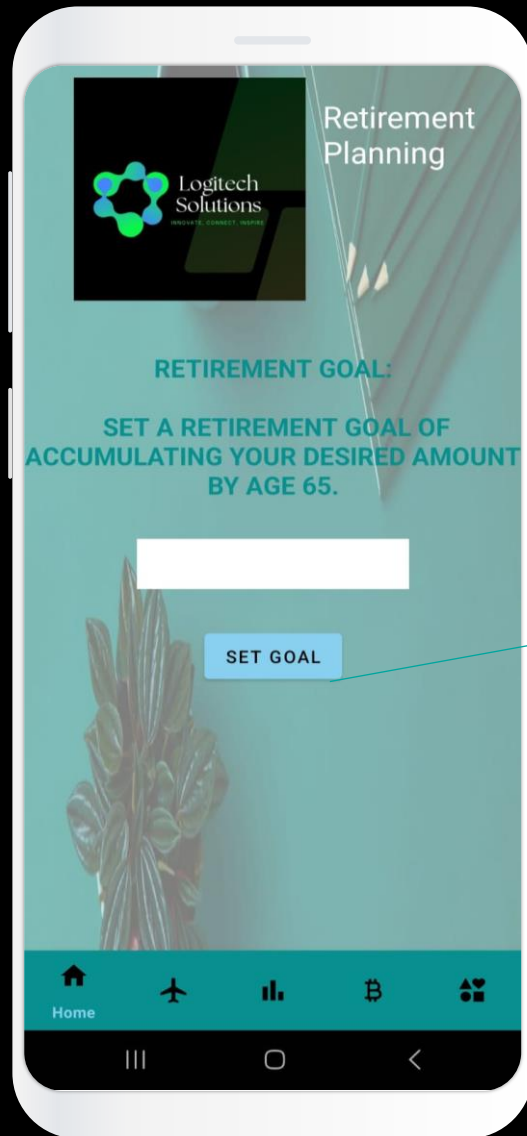


Budget Calculations

This page deals with the calculations where the user will have to enter their income or the amount they want to add. Then they will enter for how long they want to invest or budget, then the user will have to enter the total number of expenses.



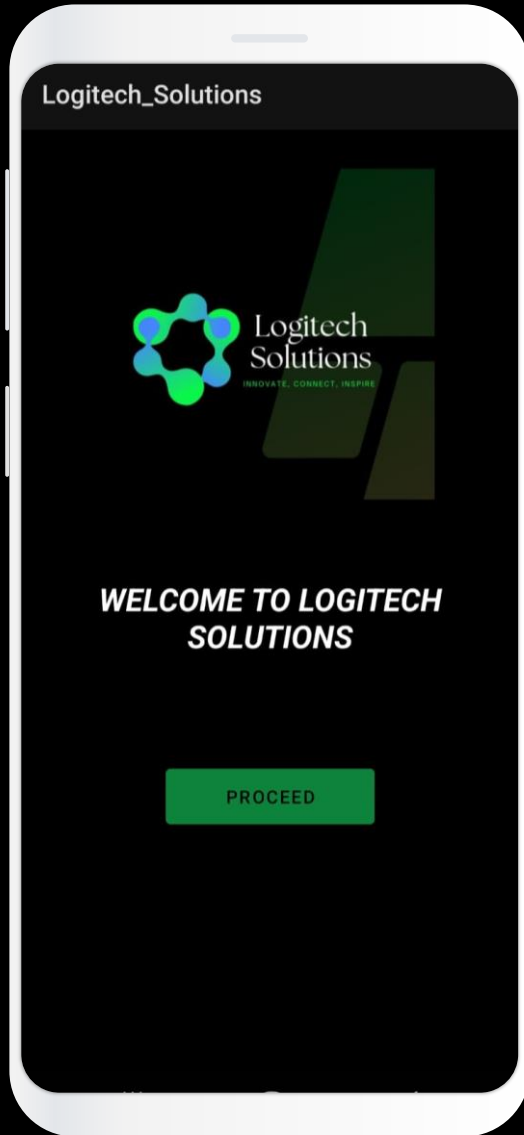
The calculate button will then calculate and send the information back as a pop-up



Retirement Planning

Set Goal button will allow you to set an amount which will be used as the principal amount in the investment calculations.





System Requirements

System requirements page helps users indicate if certain hardware features are required or recommended to run and interact with our app properly.

The Finanis application is compatible with:

- Windows 10 version 0.0 or higher.
- Android 10 or higher.

Software Development Life Cycle (SDLC) Documentation

1. Introduction

- The purpose of this SDLC documentation is to outline the development process and lifecycle of the Logitech application. It provides an overview of the project, identifies the key phases of the SDLC, and outlines the roles and responsibilities of the project team.

Project Overview

- The Logitech application aims to provide individuals with a user-friendly platform for financial management and investment. It addresses the challenges of financial planning, investment decision-making, and retirement planning. The application will be developed for the Android platform using Kotlin.

SDLC Phases

- 3.1. Requirements Gathering and Analysis:
 - - Identify and document user requirements for the application, including features, functionality, and user experience.
 - - Conduct interviews and surveys with potential users to gather feedback and refine requirements.
 - - Analyse the gathered requirements to identify any gaps or conflicts.
- 3.2. Design
 - - Create the application's architectural design, including the overall structure, components, and database schema.
 - - Design the user interface (UI) for seamless navigation and intuitive user experience.
 - - Define the data models and relationships based on the requirements.
- 3.3. Development and Implementation:
 - - Develop the application's frontend using Android Studio, Kotlin, and relevant UI frameworks.
 - - Implement the backend functionality, including user account management, investment account management, and investment program management.
 - - Integrate APIs and external services, such as market data providers and notification services.
 - - Conduct code reviews and ensure coding standards and best practices are followed.

Testing

- - Develop test plans and test cases to validate the functionality and performance of the application.
- - Conduct unit testing, integration testing, and system testing to identify and fix any bugs or issues.
 - - Perform user acceptance testing to ensure the application meets user requirements.

Deployment

- - Prepare the application for deployment to the Google Play Store.
 - - Create necessary documentation and user guides for the application.
 - - Set up a production environment to host the application.

Maintenance and Support

- - Provide ongoing maintenance and support to address any issues or bugs reported by users.
- - Continuously monitor the application's performance and security.
 - - Plan for future enhancements and updates based on user feedback and market trends.

Project Team

- - Project Manager: Responsible for overall project coordination, planning, and stakeholder communication.
- - Business Analyst: Responsible for gathering and analysing user requirements.
- - UI/UX Designer: Responsible for designing the user interface and user experience.
- - Developers: Responsible for frontend and backend development.
- - Testers: Responsible for testing the application and ensuring quality.
- - Deployment Specialist: Responsible for preparing the application for deployment.
- - Support Team: Responsible for ongoing maintenance and user support.

Deliverables

- - Requirements documentation
- - Architectural design documents
- - UI design mockups
- - Source code
- - Test plans and test cases
- - Deployment package
- - User guides and documentation

Milestones

- - Requirements Gathering and Analysis Completed
- - Design Phase Completed
- - Development and Implementation Completed
- - Testing Completed
- - Deployment to Production
- - Application Maintenance and Support

Risks and Mitigation Strategies

- - Identify potential risks, such as technical challenges, resource constraints, or changes in requirements.
- - Develop mitigation strategies to address each risk, including contingency plans and alternate approaches.

Change Control

- - Establish a change control process to manage any changes to the project scope, requirements, or timeline.
- - Define roles and responsibilities for approving and implementing changes.
- - Document and track all approved changes throughout the project lifecycle.

Approval

- - This SDLC documentation requires approval from the project stakeholders, including the project sponsor and relevant team members.

CONCLUSION

- After conducting an exhaustive analysis and meticulous research, we have arrived at a definitive conclusion that our company is well-positioned to develop an investment application that is unparalleled in terms of its functionality, features, and overall performance, thereby distinguishing ourselves from our competitors and further solidifying our position as a leader in the industry. The user-friendly interface and simple design will make the application easy to use for all levels of wine enthusiasts.

TEAM MEMBERS



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Project Manager

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Thatho Matsemela

Database Administrator

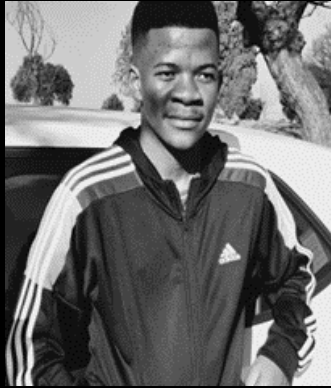
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Yanga Dweba

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Tshepang Metsane

Software Developer

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Nepo Nkgoatau

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THANK YOU

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