



## **Software Engineering project 2023/2024**

### **Ca' Foscari University of Venice**



**User Guide**

**AgileMasters**



### Document Informations

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# 1. Introduction

## 1.1. Objective of the guide

This document was created with the intent of providing users with a comprehensive and easy-to-follow reference for using the FinanceFlow application. Our mission is to ensure that every user can take full advantage of the functionality offered, regardless of their level of technological experience.

## 1.2. Application overview

The application was conceived and designed with user experience in mind. In particular, the interface is clear and intuitive, with the main functions at your fingertips.

FinanceFlow will help you approach the world of trading through a simulated environment, without risking your own capital.

## 1.3. Target audience

Although FinanceFlow is suitable for every type of user, from the most experienced to those just trying to get into trading, those who benefit most are those who have a basic, or at least limited, knowledge of the subject.



## 2. First steps

### 2.1. Account creation

As soon as you open the app you will be presented with a form to create an account. The steps to follow are very simple and intuitive. In case you do not have an account yet, go to the creation section and enter:

- **email:** you need to provide a valid email address
- **password:** the password must comply with security measures, in particular it must be at least 8 characters long, contain at least one special character and one number

### 2.2. User Interface

As soon as you log in within the application you will be redirected to the page with the latest finance news. This way you will be able to stay up to date with what is happening in the world.

At the bottom you will find all the menus you will need to practice.

In particular, the **invest** menu allows you to see the list of the most important stocks, getting some information about their performance. Once you click on one of them, you will be able to see additional information, such as a detailed description, a chart of the trend, the ability to buy them, and save them within the watchlist.

The **invest** menu also contains the *watchlist* section that allows you to save stocks that interest you, without having to search for them in the list. Finally, the *my holdings* menu contains stocks that you have purchased, indicating their percentage value and the possibility of selling them.

A **chatbot** is always available to resolve any questions you have while using FinanceFlow. You simply open the relevant menu and ask it the question.

The **wallet** allows you to see your current balance, with a list of transactions made.

Finally, the **profile** menu allows you to edit personal information, such as profile image and provides you with other useful information related to the application.



## 3. Key features

### 3.1. Key features

#### 3.1.1. Real-Time Investment Simulation

Our app offers an investment simulation platform that mimics real stock market dynamics. Users can buy and sell virtual stocks based on real market prices. This feature allows users to practice investment strategies without financial risk, providing an educational and uplifting experience.

#### 3.1.2. Financial Updates

Stay up-to-date with the latest financial news and market updates right in the app. This section provides articles, analysis, and insights from leading industry experts. Users can make informed investment decisions with timely and relevant updates.

#### 3.1.3. Custom Virtual Portfolio

Users can create and manage a virtual portfolio, selecting stocks from a wide range of publicly traded companies. Provides a practical platform to experiment with different portfolios and investment strategies without real risk.

#### 3.1.4. Interactive Chatbot

An intelligent chatbot is available to offer assistance to users, answer frequently asked questions, and provide basic investment advice. This feature ensures that users receive immediate and guided support, making the learning experience more interactive and engaging.



## 4. Security

Security is a key priority in our investment simulation app. It is essential that you, as a user, feel safe and secure while using our app. In this chapter, we will explore how your account customization features directly contribute to your online security.

### 4.1. Email security

Keeping your email address up-to-date is vital to ensure that you receive all important security notifications and alerts. An up-to-date email address also helps prevent unauthorized access to your account.

### 4.2. Password update

Change your password through **Account Settings**. Choose a strong, unique combination to increase security. A strong password is the first line of defense against unauthorized access. Changing your password regularly and making sure it is strong helps protect your account from potential threats.

### 4.3. Profile image update

Although the profile photo may seem like a minor element in terms of security, an appropriate and up-to-date photo contributes to a safe and respectful environment within the app.

### 4.4. Data security

All data transmitted and stored in the app is encrypted. This includes your personal details and transaction information. Encryption ensures that your information is protected from unauthorized access and cyber attacks.



## 5. Tips

While these recommendations are provided specifically to improve your security in using our investment simulation app, it is important to note that these recommendations are universally applicable and can be applied to any online service. Adopting these security practices will not only protect your account in our app, but will also increase your overall digital security.

### 5.1. Use Hard Passwords

Choose passwords that combine uppercase and lowercase letters, numbers and symbols. Avoid using easily guessable information such as birth dates or pet names. Complex passwords significantly reduce the risk of unauthorized access to your account.

### 5.2. Regularly update your password

Change your passwords periodically, ideally every 3-6 months. Even if your password has not been compromised, changing it regularly is a good practice to maintain high levels of security.

### 5.3. Check security settings

Control the app's security settings periodically to make sure they are configured according to your preferences. This helps you stay up-to-date on any new security features introduced and ensure that your preferences are always respected.

### 5.4. Pay attention to phishing

Be vigilant about suspicious emails or messages that ask you to click on links or provide personal information. Phishing attacks are a common method used by attackers to gain access to your personal information.

### 5.5. Use secure Internet connection

Avoid using unsecured public Wi-Fi networks to access your investment app. Public networks may be less secure and increase the risk of eavesdropping on your data.