

# **Human Computer Interaction**

## **Final Project Report**



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## 1. Description of the Project

‘Simpli.’ is a website that centres itself in finances and how our users can conveniently manage them. Derived from the word ‘simple,’ we strive to provide our users with a very user-friendly and easy access experience when it comes to managing and tracking their funds through our website. Our features include our dashboard page that is filled with distinct kinds of features like the expenses summary, the savings goal tracker, and transaction history.

Other than supplying our users with our responsive features, we also have a designated page where our users can learn about the basics of finance management. We provide supporting resources like explanations, descriptions, and other websites that have a similar objective as ‘Simpli.’

## 2. Problem Analysis

One significant problem facing many individuals and households today is the lack of effective money management skills. With the increasing complexity of personal finances, it can be difficult for people to keep track of their spending, budget for the future, and make informed financial decisions. This lack of financial literacy and money management skills can lead to a range of problems, including overspending, debt, and difficulty saving for important financial goals. For example, individuals may struggle to pay off credit card debt, save for retirement, or afford a down payment on a home due to poor financial management. Additionally, financial stress and struggles can take a toll on an individual's overall well-being and quality of life. It can be difficult to focus on work or personal relationships when one is constantly worrying about money, and financial struggles can lead to feelings of anxiety and depression. Overall, the problem of inadequate money management skills is a significant issue that affects many people and can have far-reaching consequences.

A money managing website can help address this problem by providing users with tools and resources to better understand and manage their personal finances. This is why we develop ‘Simpli.’ ‘Simpli.’ offer features such as budgeting tools, expense tracking, and financial planning guidance, which can all help individuals gain a better grasp on their financial situation and make more informed decisions about their money. Overall, ‘Simpli.’ can be a valuable resource for anyone looking to improve their financial well-being and achieve their financial goals.

### 3. Inspired Related Work

There are several inspirations towards the development of ‘Simpli.’: Mint, a well-known personal finance management website that enables users to track their spending, make budgets, and set financial goals, is one example. Another inspiration is Personal Capital, which provides a variety of tools for managing money, such as cash flow analysis, retirement planning, and investment tracking. Both of these websites have easy-to-use user interfaces and include a variety of tools to support customers in properly managing their finances.

‘Simpli.’ differs compared to Mint and Personal Capital due to its simpler interface, which makes it more user-friendly and easier to navigate. Additionally, Mint and Personal Capital are not available in my region, whereas our website is accessible to users in my region as we provide Rupiah as a currency that can be used on our website. This makes our website a more convenient option for local users who want to manage their finances effectively. Overall, our website offers an accessible solution for managing money, making it a better choice for users in my region.

### 4. Storyboards and Mock-ups

The image displays the design process for the Simpli website, starting with a logo and color palette, progressing through storyboards and wireframes, and finally resulting in a set of functional mockups.

- Logo and Color Palette:** Shows the Simpli logo (a stylized bar chart icon) and a color palette with hex codes: #53658A, #8688D8, #274658, #F6AE2D, and #F26A19.
- Storyboard:** A wireframe of the website's structure with handwritten annotations. It highlights the 'Cashing you in and out with ease.' tagline and the 'What they said:' section, which quotes a student about budgeting.
- Wireframe:** A detailed wireframe showing the navigation between Home Page, Sign in page, Landing page, and Profile page.
- Mockups:** Functional prototypes of the website's pages:
  - Home Page:** Shows the dashboard with a balance of Rp 999,999.00, a goal of Rp 148,000.00, and a progress bar at 28%.
  - Sign in:** Shows the sign-in form with fields for email, password, and remember me.
  - Dashboard:** Shows the main dashboard with sections for Budget, Transaction History, and Balance.
  - Profile:** Shows the profile page for 'John Doe' with account details and settings.
- Additional Features:** A sidebar listing features like a Travel Tab (for tracking expenses in different exchange rates) and an Editable calendar.

We initially wanted 4 separate pages built in our website: the welcome page, the sign in page, dashboard, and the profile page. However, we decided to use the navigation bar feature to make our features more accessible and easy to navigate for our users (as shown in our prototype screenshots).

## 5. Screenshots of the Prototypes

The image displays three prototypes of the Simpli app interface, each featuring a light blue header with the Simpli logo and orange decorative lines.

- Home Screen:** Shows the tagline "Cashing you in and out with ease." with two buttons: "Download App" and "Get Started". It also shows a smartphone displaying the "Dashboard" screen.
- Login Screen:** A modal window titled "Log in" with fields for "Username / Email" and "Password", a "Remember me" checkbox, and "Sign in" and "Forgot password?" buttons. It also includes "Log in with Google" and "Log in with Facebook" options, and a "Create an account" link.
- Dashboard Screen:** Shows "Your current balance: Rp. 1.448.000,00", "Savings' Goal" (Rp. 1.448.000,00), "Transaction History" (with entries for Shopee and Garena), and "Expenses Summary" (with a pie chart showing 28% for groceries). The dashboard has a light gray background with orange decorative lines.
- Dashboard Screen (Dark Mode):** The same dashboard content is shown in dark mode, with a dark gray background and white text.

**Expense Tracker**

Your Current Balance  
IDR14935000

Add new transaction:

Name	e.g. Starbucks
Type	<input checked="" type="radio"/> Income <input type="radio"/> Expense
Amount	300

Add Transaction

Your Transactions:

starbucks	IDR65000
salary	IDR15000000

**Simpli.'s Currency Converter**

Amount to Convert :

0.00	
From: Select One ...	To: Select One ...

Convert Reset

## 6. Screenshots of Finalised Website and Github Link

GitHub Repository link:

<https://github.com/GuhD01/simpli-hci>

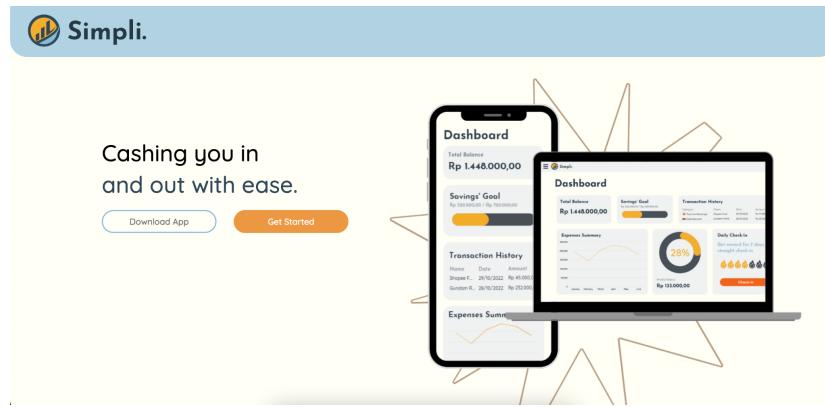
Live link:

<http://simpli.host>

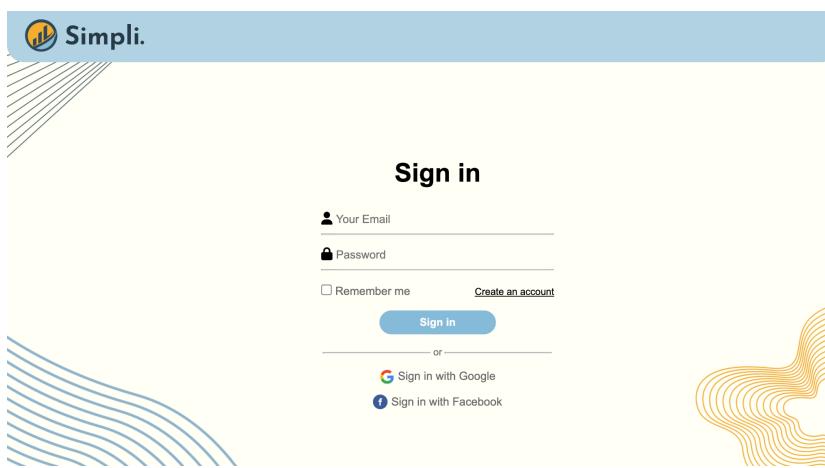
Slides for our Presentation:

[https://www.canva.com/design/DAFXIvhBP7Q/jKx9RidrOd2OWppUcCVAeg/edit?utm\\_content=DAFXIvhBP7Q&utm\\_campaign=designshare&utm\\_medium=link2&utm\\_source=sharebutton](https://www.canva.com/design/DAFXIvhBP7Q/jKx9RidrOd2OWppUcCVAeg/edit?utm_content=DAFXIvhBP7Q&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton)

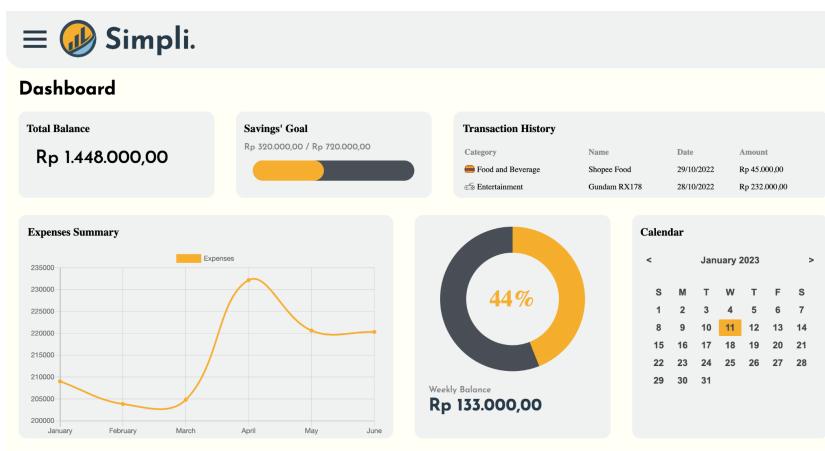
# Home Page



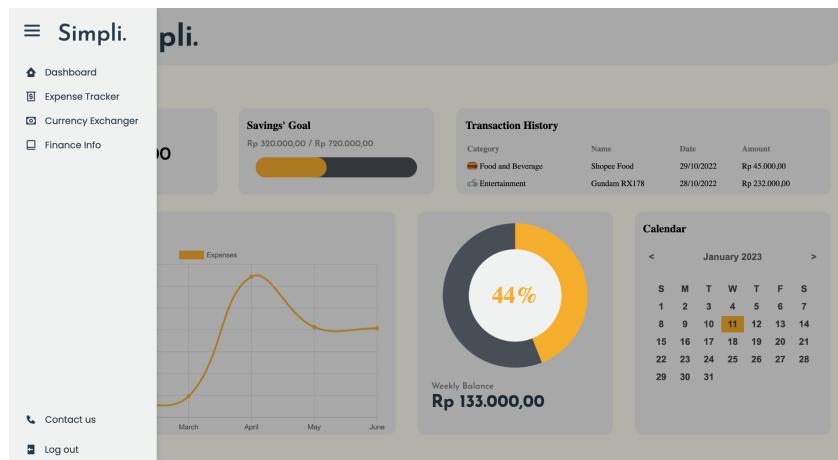
# Sign-In Page



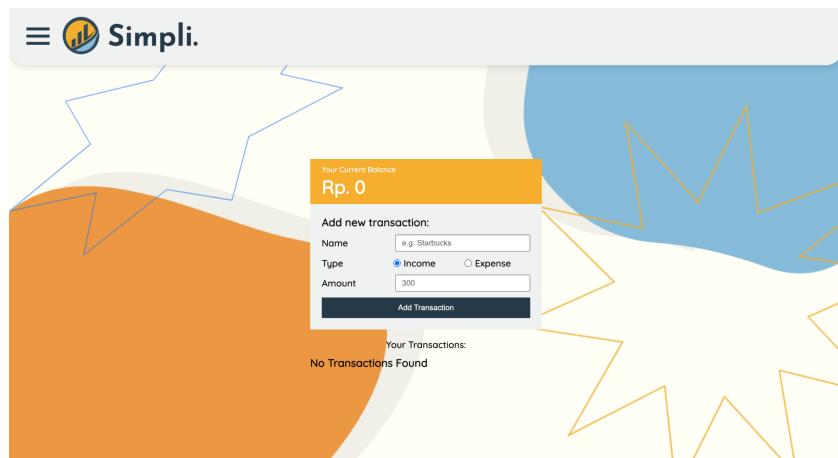
# Dashboard Page



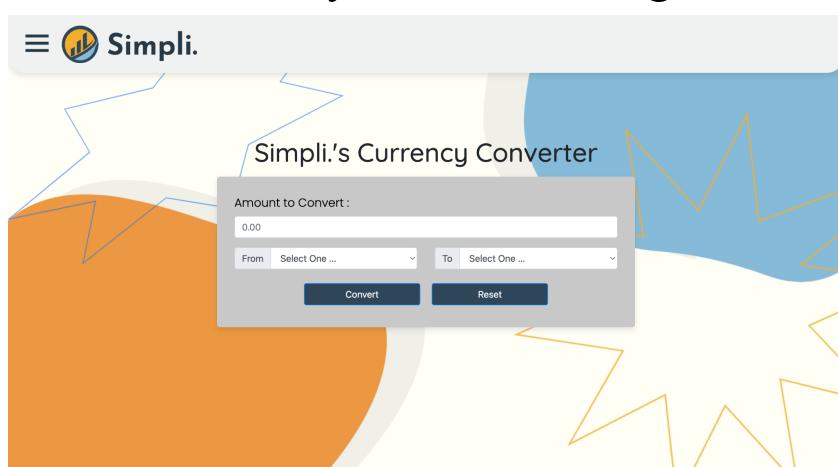
# Navigation Bar of Simpli.



## Expense Tracker Page



## Currency Converter Page



# Finance Info Page

**Simpli.**

## FINANCIAL MANAGEMENT

**What is Finance Management?**

Personal finance management is the process of planning and organizing your financial resources in order to achieve your financial goals. It involves creating a budget, tracking your spending, saving and investing money, and making decisions about how to best use your financial resources. Personal finance management can help you make the most of your money, achieve financial stability, and plan for the future. It is an important skill to develop in order to live a financially secure and successful life.

Effective personal finance management also involves protecting your financial assets and planning for financial emergencies. This can include creating an emergency fund, carrying appropriate insurance coverage, and managing financial risks. Personal finance management also often involves setting financial goals and working towards them, whether they be short-term goals like paying off credit card debt or long-term goals like saving for retirement. By developing good personal finance management habits, you can make informed decisions about your money and work towards a secure financial future.

**Investments**

**Stocks**  
Average return: 17.04%

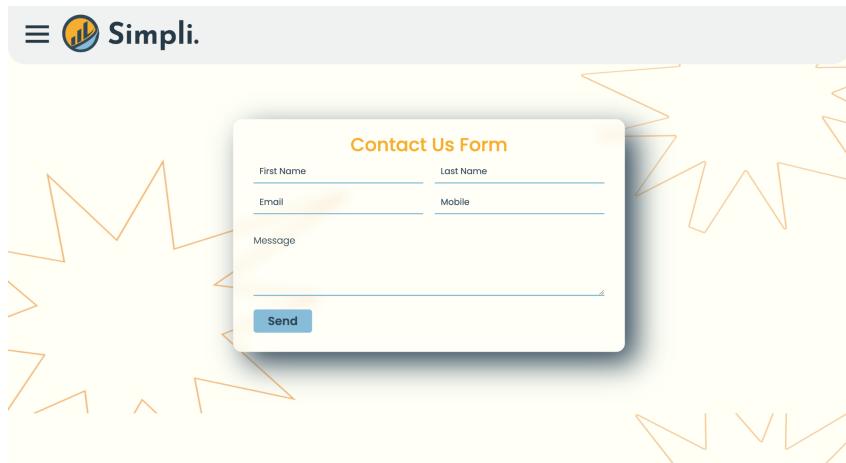
Real estate investing can be a long-term strategy and may involve significant upfront costs, such as the purchase price of the property and the cost of any necessary renovations. It is also important to consider ongoing expenses, such as property taxes, insurance, and maintenance costs.

No Profit Guaranteed

**Different Websites**

[Investopedia](#)  
[Skillsyouneed](#)  
[nomoredebts](#)

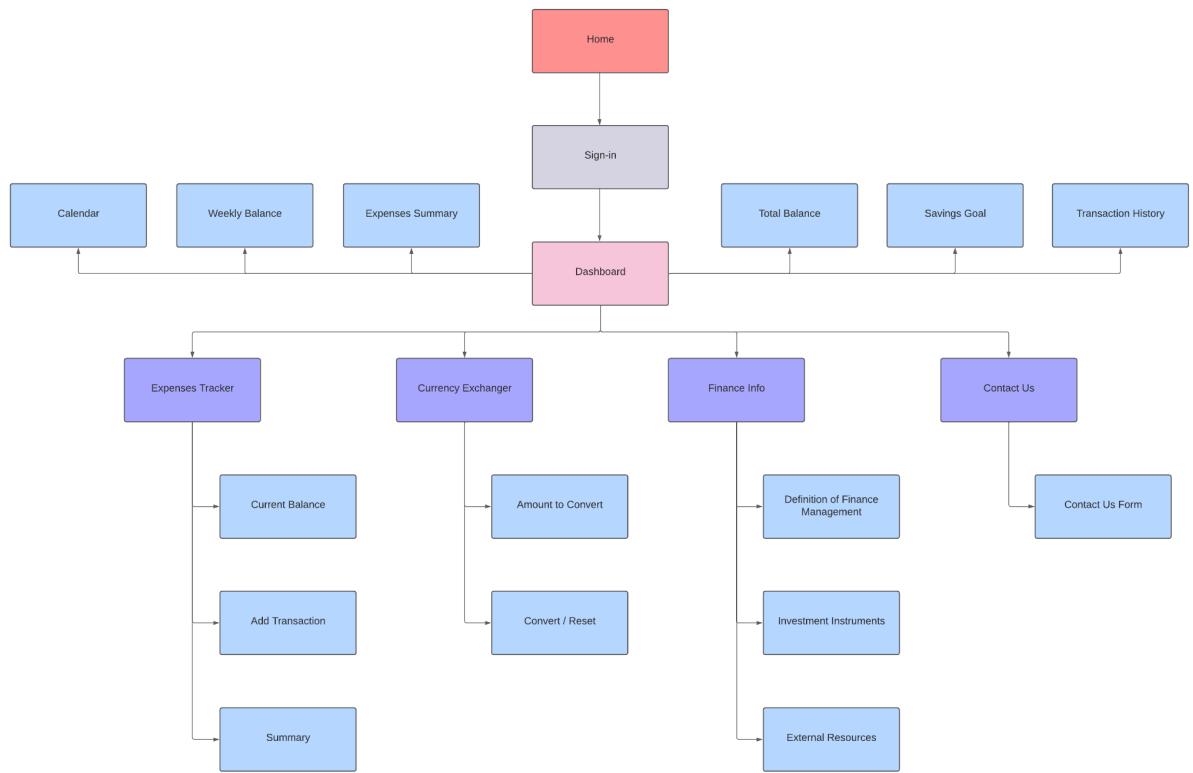
## Contact Us Page



## Coming Soon Page

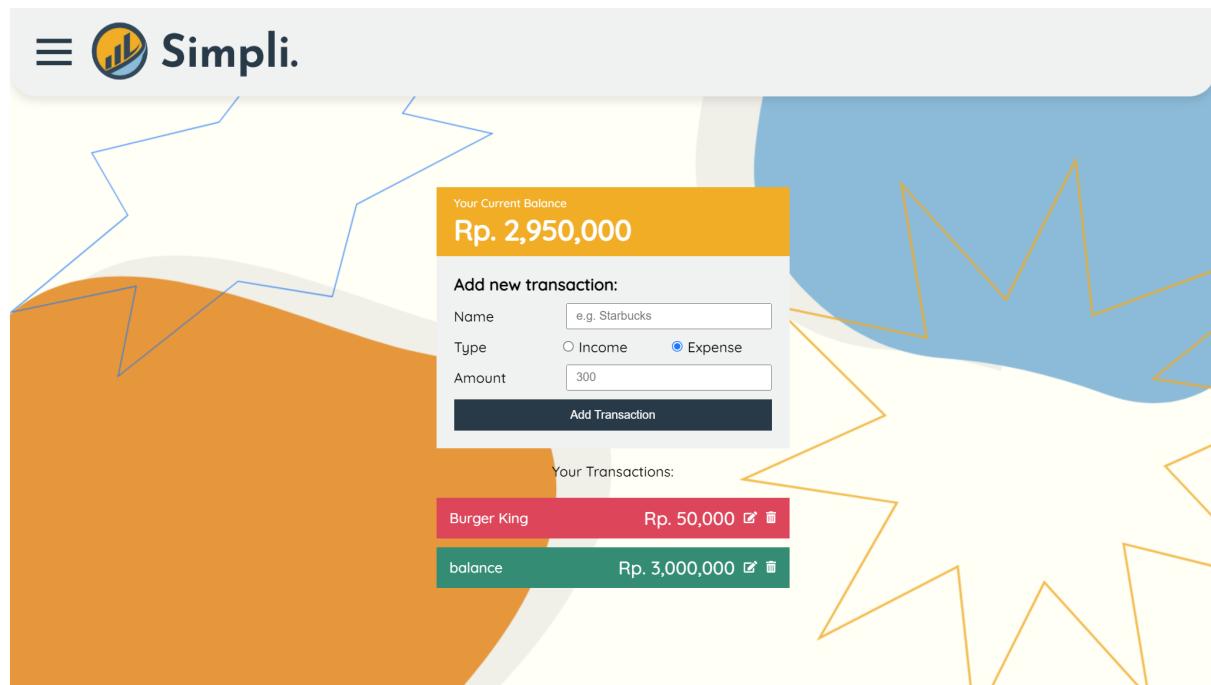


## 7. Site Map



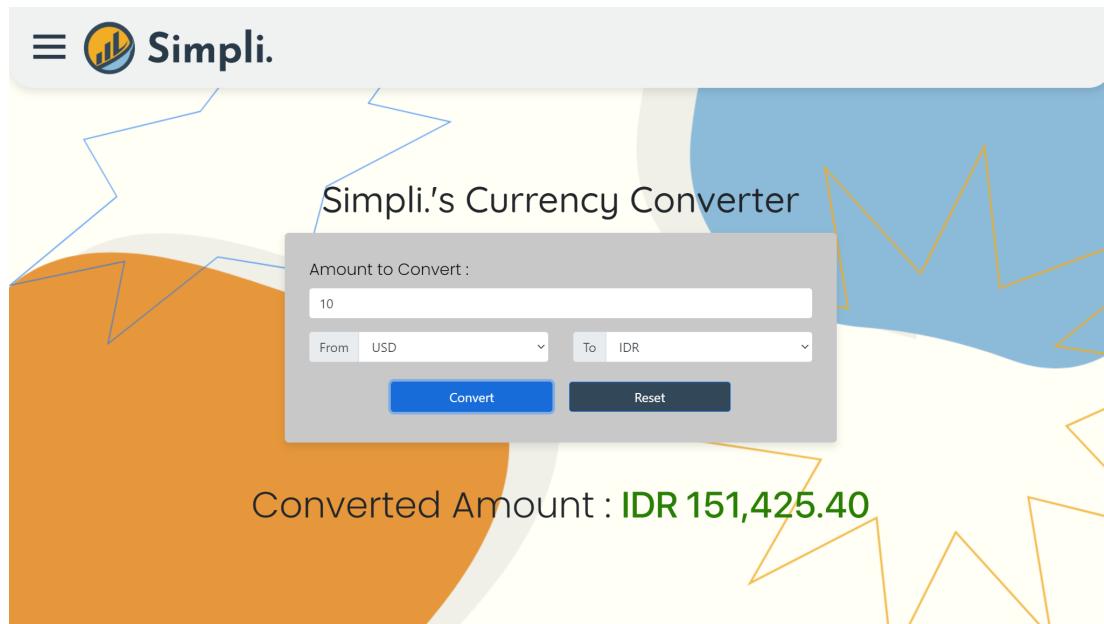
## 8. Test Case Diagram

### a. Test Scenario: Tracking expenses functionality



Test Case ID	Test Case Description	Test Steps	Test Data	Expected Results	Test Results
A. Bosco	Track expenses and income through the 'Expenses Tracker' feature	<ol style="list-style-type: none"> <li>Open Simpli. Website</li> <li>Click on 'Get Started'</li> <li>Login with email and password</li> <li>Open the sidebar by clicking the burger button on the top left corner</li> <li>Search for 'Expense Tracker' and click it.</li> <li>Enter the name of your expense/income</li> <li>Choose the type</li> <li>Finally, put the amount of your expense/income</li> </ol>	<ul style="list-style-type: none"> <li>- Section option: Expense Tracker</li> <li>- Name of the expense/income</li> <li>- Type of transaction</li> <li>- Amount of transaction</li> </ul>	The balance will reduced or added based on the type of transaction selected	Pass

b. Test Scenario: Converting currency functionality



Test Case ID	Test Case Description	Test Steps	Test Data	Expected Results	Test Results
B. Adrian	Converting from a currency to another currency with the 'Currency Converter' feature	<ol style="list-style-type: none"> <li>1. Open Simpli. Website</li> <li>2. Click on 'Get Started'</li> <li>3. Login with email and password</li> <li>4. Open the sidebar by clicking the burger button on the top left corner</li> <li>5. Search for 'Currency Exchanger' and click it.</li> <li>6. Enter the amount of the currency you wish to convert</li> <li>7. Choose the currency you wish to convert and the currency to convert to.</li> </ol>	<ul style="list-style-type: none"> <li>- Section option: Currency Exchanger</li> <li>- Amount of initial currency</li> <li>- Initial currency</li> <li>- Target currency</li> </ul>	The amount of the initial currency is converted to the target currency	Pass

### c. Test Scenario: Accessing financial information functionality

**What is Finance Management?**

Personal finance management is the process of planning and organizing your financial resources in order to achieve your financial goals. It involves creating a budget, tracking your spending, saving and investing money, and making decisions about how to best use your financial resources. Personal finance management can help you make the most of your money, achieve financial stability, and plan for the future. It is an important skill to develop in order to live a financially secure and successful life.

Effective personal finance management also involves protecting your financial assets and planning for financial emergencies. This can include creating an emergency fund, carrying appropriate insurance coverage, and managing financial risks.

Personal finance management also often involves setting financial goals and working towards them, whether they be short-term goals like paying off credit card debt or long-term goals like saving for retirement. By developing good personal finance management habits, you can make informed decisions about your money and work towards a secure financial future.

**Investments**

**Stocks**

Average return: 17.04%

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Results	Test Results
C. Alvin	Learning the accurate information about financial management, investing, etc	<ol style="list-style-type: none"> <li>1. Open Simpli. Website</li> <li>2. Click on 'Get Started'</li> <li>3. Login with email and password</li> <li>4. Open the sidebar by clicking the burger button on the top left corner</li> <li>5. Search for 'Finance Info' and click it.</li> </ol>	- Section option: Finance Info	The information will be written in the page and there will be information from other sources	Pass

## 9. Implementation

### a. Informal evaluation with targeted users

Internal evaluations with the ‘Simpli.’ team:

Name	Web's Benefit	Working Features	Not Working Features	Feedback
Brigitte	This website really helps me with tracking my spendings and incomes and not to mention, the design makes it so user-friendly. It's also really insightful to see different information regarding managing my finances as well.	Majority of the shown features are functional.	Download the app, and create an account system.	Improve the practicality of several features to make them more accessible to the user's liking and create an even more user-friendly design.
Randy	It can actually help me track my income and expenses and give me different knowledge about Financial Management.	Everything is working alright such as the currency converter, expenses tracker, contact us page.	The download app feature and a fully functional account system	My feedback on the future of this app is for it to have a more aesthetic design and have more finance-related features.
Lenno	With ‘Simpli.’ I can easily manage my income and spending. I can save more money at the end of the month. The design is also very user-friendly and it makes it easier to access all the features. The information page helps me to understand more about managing finance	Almost all the features are working	Download the app, create an account, and some parts of the dashboard.	Some pages are not well developed enough, from the design to the backend. Also, the information in the dashboard should be able to integrate with other pages.

External Users Evaluations:

User	Web's Benefit	Working Features	Not Working Features	Feedback
User 1	It is able to assist me in converting Indonesian currency to US dollars.	Currency converter, expenses tracker,	The download app feature and account system	It would be beneficial if the finance web app had

		contact us page.		the option for investment tracking and management
User 2	Comprehensive and user-friendly tool for tracking income and expenses, providing financial insights and converting currency	Currency converter	The download app feature and account system	Providing more detailed financial advice
User 3	It can easily track their income and expenses	Information page, Currency converter	The download app feature and account system	Make an investment page, make the reset password page.
User 4	It can assist me in monitoring my financial inflows and outflows, as well as providing me with valuable insights on managing my finances effectively.	Currency converter, expenses tracker, contact us page.	The download app feature and account system, dashboard	Make the app to be able to connect with banks
User 5	Providing a clear picture of my financial status	Information page, Currency converter, expenses tracker	The download app feature and account system	Syncing and collaboration feature across multiple devices
User 6	Offers insightful analytics and reporting	Currency converter, expenses tracker, contact us page.	Several Features on the dashboard.	Create a mobile version of the app, forget password page.
User 7	It can help me analyze my financial data	Information page, Currency converter, expenses tracker	Dashboard	Make the web design customizable
User 8	Help me stay on track on my goal	Currency converter, expenses tracker, contact us page.	Dashboard, create an account feature.	Make a stock investment prediction page for better financial help

### b. What's Working and What's not

'Simpli.' has several working features, such as the expense tracker, where users can input their expenses or income, and their balance will be updated accordingly. The calendar in the dashboard in which it shows what day it is today, and you can check other days or months. The informative page provides information about financial management, investments and links to other financial websites.

However, there are also some non-working features, such as the contact me page, where users can send a message through the page to fill up their first name, last name, email and phone number. However, when they press "send," the user's message will not be sent to anyone as the features are still not working. The sign-in page also has the same issues where they can log in through the page by inputting a random email and random password with the correct email and password. Additionally, most parts of the dashboard and The development team will address these issues in the future to provide a better user experience.

### c. Evaluation Summary

The 'Simpli.' The finance web app offers several useful features for managing finances, such as the expense tracker, which allows users to input and track their expenses and income, and the calendar feature in the dashboard which displays the current date and allows users to view other days or months It also contains interactive graph and chart which could give the user an idea about their financial status. The informative page provides users with valuable information on financial management, investments, and links to other financial websites. However, there are also some non-working features, such as the contact me page and sign-in page, which have technical issues and do not function as intended. The development team will work on addressing these issues to provide a better user experience. Overall, the app provides some useful features and functionalities, but there are also areas that could be improved and developed to provide a more complete and efficient tool for managing finances.

## 10. Summary

'Simpli.' is a personal finance management website that offers a user-friendly and easy-to-use platform for managing and tracking finances. It has a minimalistic design that makes it easy for users to move around the website. The website includes tools such as an expense summary, weekly balance, and transaction history, which will be easily accessible through a dashboard. It also includes an information page with resources, such as explanations and descriptions, to help users learn about the basics of finance management. The website's design and interface are simple to navigate, making it accessible to all users.

Moreover, the website will be accessible in certain regions and supports the local currency Rupiah, which is particularly useful for users in those regions where similar websites are unavailable. The goal of 'Simpli.' is to provide a comprehensive and accessible solution for managing money, making it a valuable resource for anyone looking to improve their financial well-being and achieve their financial goals. As the

developers of ‘Simpli.’, we will maintain our website and try our best to make it reach its fullest potential, as there are still many more to be improved on ‘Simpli.’.

## 11. Annex

Throughout the whole process of creating ‘Simpli.’, each of us learnt so much and tried our hardest to achieve the optimum result for our website. As for contributions, we have separated the work in order to maintain time efficiency in our craft.

When we started off with thinking of ideas of how our website should look, Randy and Lenno created the wireframes while Brigitte would start designing them. For the poster, the logo was created by Randy, the descriptions were made by Lenno, and everything was compiled together by Brigitte along with the colour palette and the design.

During the process of writing the code, the homepage was coded by Brigitte and Lenno. Then, the sign in page was coded by Randy. The dashboard page was coded by Brigitte and Lenno. The expenses tracker was coded by Brigitte. The currency exchanger was coded by Brigitte. Randy helped a little in the expenses tracker and currency exchanger in which The finance information and contact page was coded by Randy. Finally, the landing page was created by Lenno.

As for the final stretch of our project, the video and report were made by all of the ‘Simpli.’ members in which the editing was done by Brigitte and Randy where Brigitte edited the demo and presentation while Randy edited the opening.

## Annex - Randy

As one of the developers of "Simpli.", I have gained knowledge and expertise in creating a website using HTML, CSS, and JavaScript. This includes understanding how to structure content, apply styling and layout, and add interactivity to the website. Overall, creating Simpli. has been a valuable learning experience that has helped me to develop my technical skills and understanding of web development.

I encountered several obstacles during the development process of "Simpli.". A significant challenge was ensuring that the website could adjust to different screen sizes and devices. To overcome this, I utilised a combination of CSS media queries and JavaScript to create a layout that could adapt. However, I could only solve some of the responsiveness problems, which I will explain further below. Another obstacle I faced was developing the design and layout of the website to my desired specifications. I solved this by experimenting with various CSS properties and design elements to achieve the desired appearance.

Furthermore, I faced challenges creating JavaScript functionality for formatting currency and the contact us form. I overcame these challenges by researching and experimenting with various JavaScript methods and techniques to properly format the currency and create an alert when the contact us form is submitted. I want to thank Progate, Youtube and w3schools, which taught me the ways of HTML, CSS and Javascript to overcome these challenges.

During the development of "Simpli.", I was an active team member, contributing to various aspects of the project. I helped create the website's wireframe, and I designed the website's logo. I was in charge of developing the sign-in page, contact us page, finance info page and coming soon page. I also helped with the expense tracker and currency converter pages by adjusting the numbers and currency symbol formatting. Furthermore, I wrote the report's project description, problem analysis, inspired related work, what's working and what's not, external user evaluations and evaluation summary. Finally, for the demo video, I only created the opening whereas Bridgette edited the rest.

During the coding process, I experienced hardship when trying to edit the expense tracker and currency conversion's thousands separators and adding a currency symbol for the currency conversion.

```
function displayResults(currency) {
  function addCommas(num) {
    return num.toString().replace(/\B(?=(\d{3})+)(?!\d))/g, ",");
  }

  function getCurrencySymbol(currencyCode) {
    switch (currencyCode) {
      case "USD": return "$";
      case "EUR": return "€";
      case "GBP": return "£";
      case "JPY": return "¥";
      case "CNY": return "¥";
      default: return currencyCode + " ";
    }
  }
}
```

This is the fix which I finally identified for the result in which there will be the currency symbol based on the currency result and there will be a thousand separators.

Another problem I have is that at first, I didn't know how to create a scrolling down effect for the information.html, which I was used to creating a non-scrollable page like the sign-in page, contact us page and the coming soon page. So I used to have a problem with that, and finally, I found a fix in which I realised that I needed to write one line of code:

```
html {  
| scroll-behavior: smooth;  
}  
}
```

The only problem I have yet to resolve is the responsiveness of the sign-in page, as I could not create a page available for all resolutions. I have tried different solutions. However, I just wasn't able to crack the code. If I could go back in time, I would change the topic of our website, as I believe that when we thought of this idea, we didn't think about the difficulties we would encounter in the process..

## Annex - Lenno

Making ‘Simpli.’ is not as easy as I thought it would be. The team face some challenge in the process of making this project. First with deciding the project ideas, we had some ideas to be considered on. But then, after some careful thought, we have decided to make a financial management app with the name ‘Simpli.’.

It's difficult to learn three new languages—HTML, CSS, and javascript. This language may be a rather fundamental one for web programming. However, the challenging part is having to discover those things for myself. I studied these three languages using a variety of materials. like Progate, w3schools, and videos on YouTube. Another difficulty is the communication when working on the code. We can't find a best platform to code together. We must pass the file around to complete the website. This is not efficient for us and really slow down our process. When doing the code, I do not fully understand about the flexbox theory so I had to search from many sources but the final result is still far from perfect, and also I do not fully master the jQuery library so I had to make the animation of the page mostly relying on CSS.

However, I learn a lot from doing this project. I learn how important communication and cooperation when doing a group project to make the project successful. I also learn to host a domain for my website to make it more professional. Also, in terms of code, I learn about making graph using HTML and CSS, making line chart using ChartJS library, and making calendar using external library called dycalendar by Yusuf Shakeel (<https://github.com/yusufshakeel/dyCalendarJS>).

```

<script src="dycalendar.js"></script>
<script>
    dycalendar.draw({
        target: '#dycalendar',
        type: 'month',
        dayformat: 'full',
        monthformat: 'full',
        highlighttargetdate: true,
        prevnextbutton: 'show'
    })
</script>

```

```

var data = {
    labels: ["January", "February", "March", "April", "May", "June"],
    datasets: [
        {
            label: "Expenses",
            fill: false,
            backgroundColor: '#f6ae2e',
            borderColor: '#f6ae2e',
            data: [209024, 203850, 204812, 232158, 220631, 220340],
        }
    ];
}

```

Code snippet for making the calendar and line chart using chartjs

Hosting a website into a domain is an interesting part for me. Although I made a mistake at first by buying only the domain and not the hosting service, but I finally able to host my website. I bought the domain from <https://www.hostinger.co.id/> and the hosting service from <https://www.rumahweb.com/>. Then I also learn about cPanel to upload our HTML, CSS, JS files which then will be showed in the website

The screenshot shows the 'Domain Information' section of the simpli.host domain management interface. It displays the following details:

- Status:** Active (green checkmark)
- Email verification status:** Verified (green checkmark)
- Expires at:** 2024-01-13 06:59:59
- Secret key:** A masked value starting with \*\*\*\*\* and a copy icon.
- Nameservers:** ns1.rumahweb.com, ns2.rumahweb.com, ns3.rumahweb.net, ns4.rumahweb.net. There is a 'Change' button next to the list.

hostinger.co.id domain panel

The screenshot shows the rumahweb.com panel interface. On the left, there's a sidebar with categories like Dashboard, All Product, Domain, Hosting (selected), Email, VPS, SSL, Website, AWS, License, and Other. The main area is titled 'Unlimited S ~ simpli.host' and shows basic account details: Username: simr9197, Password: \*\*\*\*\*, NameServer: Configured (ns1.rumahweb.net, ns2.rumahweb.net, ns3.rumahweb.com, ns4.rumahweb.net). It also shows Disk Usage: 0, Daily Backup: Disabled (Bell), and Accelerator: Not Active. There are tips for logging in via the Control Panel Hosting. Below this, there are three promotional banners: 'Upgrade ke Cloud Hosting', 'Pakai SSL Premium', and 'Buat website instalasi mudah?'. A 'Guide' section is also present.

rumahweb.com panel

Name	Size	Last Modified	Type	Permissions
assets	4 KB	Jan 12, 2023, 10:15 PM	httpd/unix-directory	0755
images	4 KB	Jan 12, 2023, 10:18 PM	httpd/unix-directory	0755
app.js	3.6 KB	Jan 12, 2023, 10:13 PM	text/x-generic	0644
coming.css	2.14 KB	Jan 12, 2023, 10:13 PM	text/css	0644
coming.html	910 bytes	Jan 12, 2023, 10:13 PM	text/html	0644
contact.css	6.39 KB	Jan 12, 2023, 10:13 PM	text/css	0644
contact.html	3.98 KB	Jan 12, 2023, 10:13 PM	text/html	0644
curr.js	1.7 KB	Jan 12, 2023, 10:13 PM	text/x-generic	0644
currency.css	2.91 KB	Jan 12, 2023, 10:13 PM	text/css	0644
currency.html	12.42 KB	Jan 12, 2023, 10:13 PM	text/html	0644
dashboard.css	11.45 KB	Jan 12, 2023, 10:13 PM	text/css	0644
dashboard.html	5.54 KB	Jan 12, 2023, 10:13 PM	text/html	0644
dashboard.js	1.01 KB	Jan 12, 2023, 10:13 PM	text/x-generic	0644
dyacalendar.css	9.56 KB	Jan 12, 2023, 10:13 PM	text/css	0644
dyacalendar.js	18.58 KB	Jan 12, 2023, 10:13 PM	text/x-generic	0644
expenses.css	4.85 KB	Jan 12, 2023, 10:13 PM	text/css	0644
expenses.html	6.42 KB	Jan 12, 2023, 10:13 PM	text/html	0644
index.html	1.47 KB	Jan 12, 2023, 10:13 PM	text/html	0644

Upload files on cPanel

In the process of making ‘Simpli.’, I contributed to initiating the project idea which is the financial management website because it relates to me as “anak kos”. Also, I help to make the wireframe and the mockups. For the website, I help to make the Welcome page (index.html), Sign-in page, and the Dashboard page. I also host the website to <http://simpli.host>. And lastly I also helped in making the project report.

## Annex - Brigitte

Working on ‘Simpli.’ with the team has been a blast and a real challenge for each of us. We all collectively learnt so much about HTML, CSS, and Javascript. With this opportunity, I’d like to thank my teammates, Randy and Lenno, for being cooperative and making this website worthwhile; without their genuine attention and contribution, I would still be rather blank and lost. This project really opened my eyes about web development and how much effort and time it takes to make a website.

However, the whole process wasn’t smooth-sailing as my team and I encountered a few difficulties. First, our original idea was slightly far-fetched and we didn’t really think it through in the beginning and that was why our prototype isn’t exactly like our mockup and we had to learn more about Javascript to actually make the dashboard’s widgets. Though in the end, my teammates pulled through and we implemented the widgets to the dashboard. Furthermore, we had problems with flexbox: some pages didn’t have flexbox as when we tried to add it to those pages, they would end up looking overlapped and messy. In the future, we will try to look out for the solutions to that matter.

As for the creation of ‘Simpli.’, I contributed to making the homepage, dashboard, expense tracker, and currency exchanger/converter page. I also helped in creating the poster to showcase our wireframes and mockups, including the colour palette and I assisted in editing the demo video and writing the final report.