



Project Individual  
CSM3103

# SpendWise Application

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# INTRODUCTION




"SpendWise" is a user-friendly finance app that simplifies expense tracking and budget planning. Its intuitive interface allows users to manage their finances effortlessly by providing clear insights into spending habits and enabling the creation of customizable savings goals (Tabung) for future expenses. Users can easily input transactions with categorized options like food, shopping, and entertainment, each accompanied by time stamps and contextual descriptions. The app also offers "Edit" and "Delete" functions for easy data management, ensuring efficient financial control. With SpendWise, users can make informed financial decisions without unnecessary complexity.





# Problem Statement



## What you need to know

The existing platforms' insufficient notification systems prevent users from being informed about important financial events, such as approaching limits on spending or reaching savings targets.

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Users struggle to manage their finances effectively due to the lack of intuitive interfaces and excessive time and effort required by current solutions.

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Current financial management tools fail to offer seamless integration between savings goals and overall budget planning, resulting in disjointed financial management processes for users.

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# Objectives

## Enhance Financial Literacy:

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- Implement educational resources and features within SpendWise to help users develop a better understanding of personal finance concepts, such as budgeting, saving, and investing, empowering them to make informed decisions and improve their long-term financial well-being.

## Encourage a seamless and straight forward connection:

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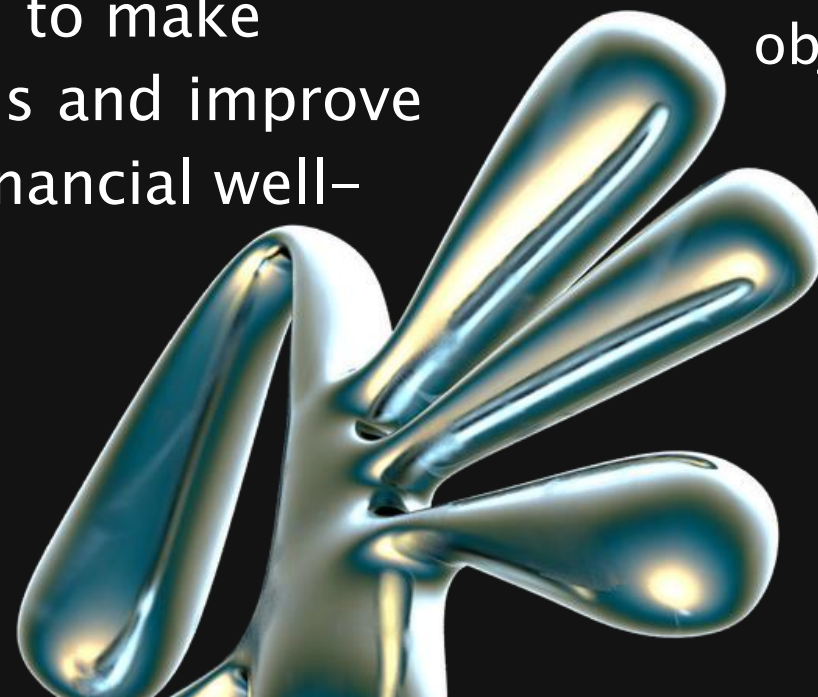
- Enhance SpendWise's functionality to seamlessly integrate savings goals with overall budget planning, facilitating a cohesive financial management experience for users and enabling better alignment between financial objectives and spending habits.

## Improve User Experience:

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- Implement intuitive interfaces and streamline processes within SpendWise to minimize the time and effort required for users to manage their finances effectively, enhancing overall user satisfaction and engagement with the application

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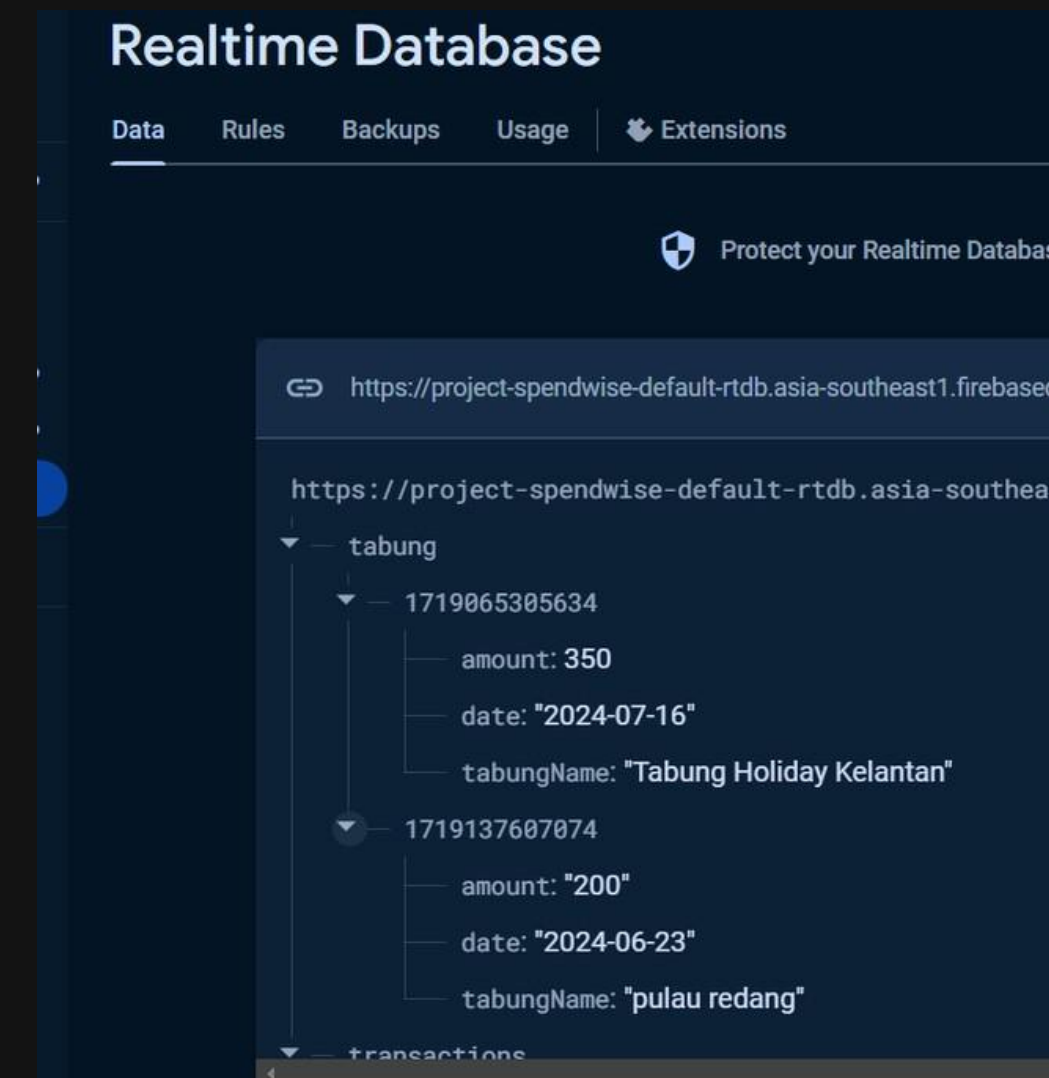
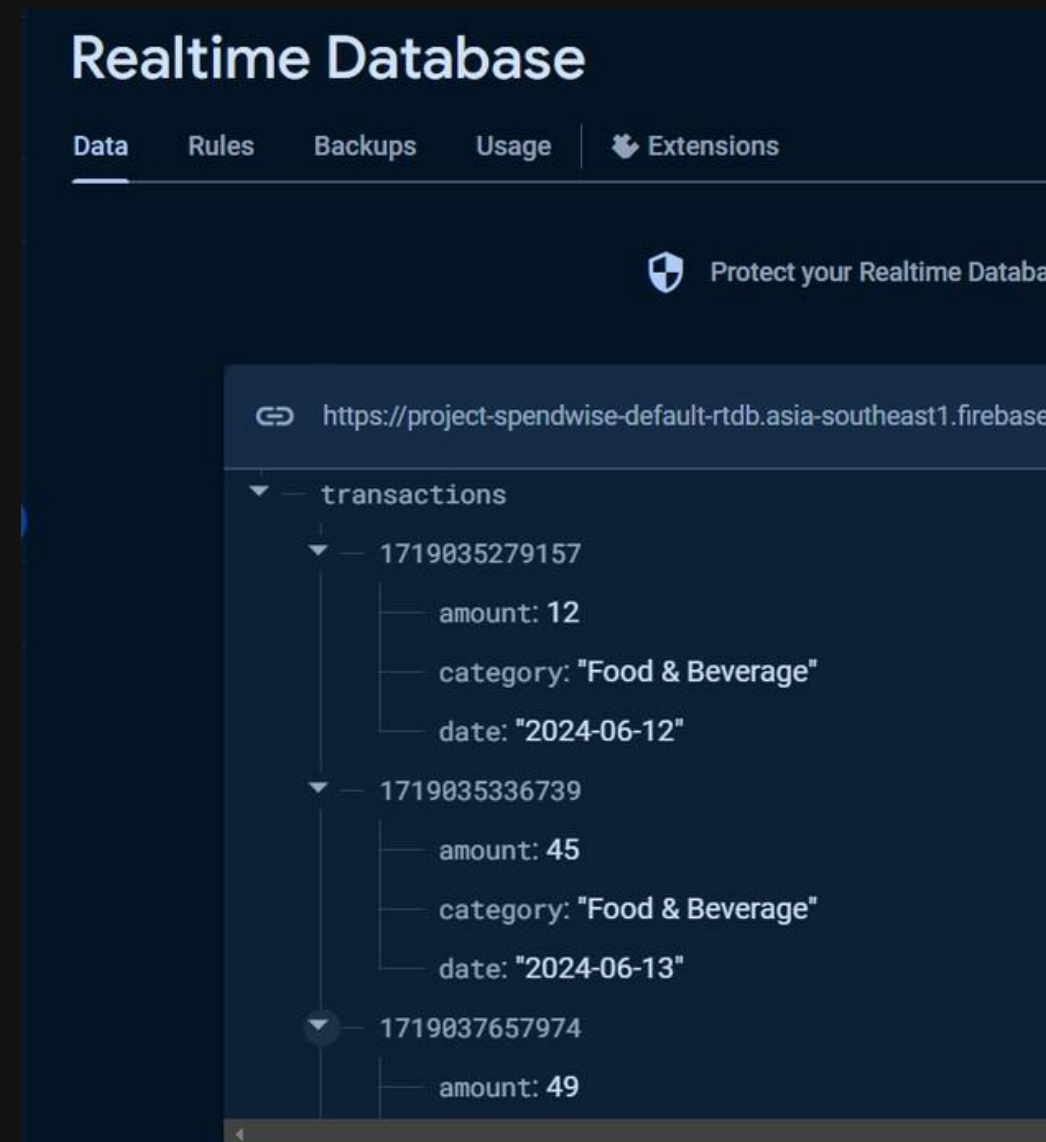
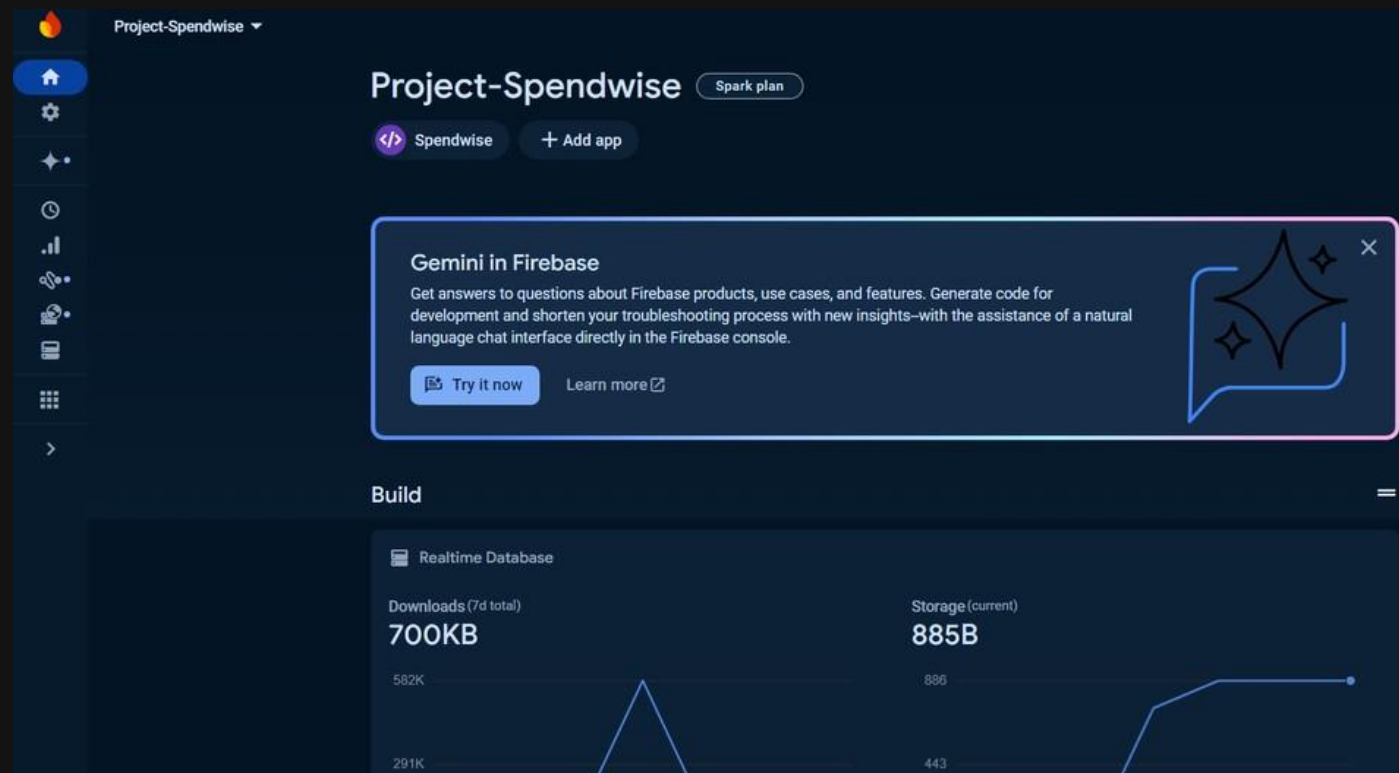


# Where will the data be saved?



Why We Use Firebase:

Real-Time Updates: Changes to the data are immediately reflected across all users, ensuring everyone sees the latest information.

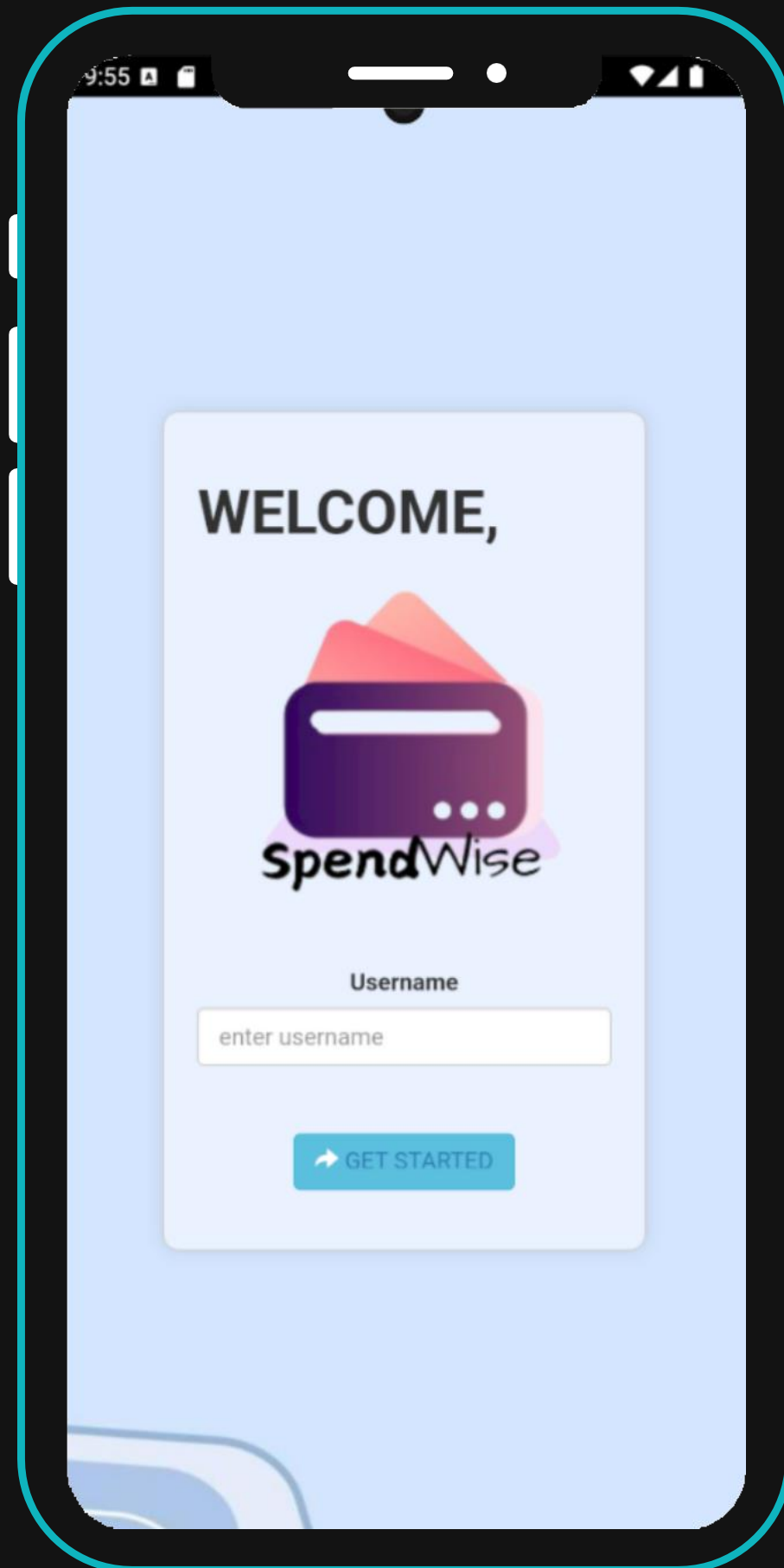




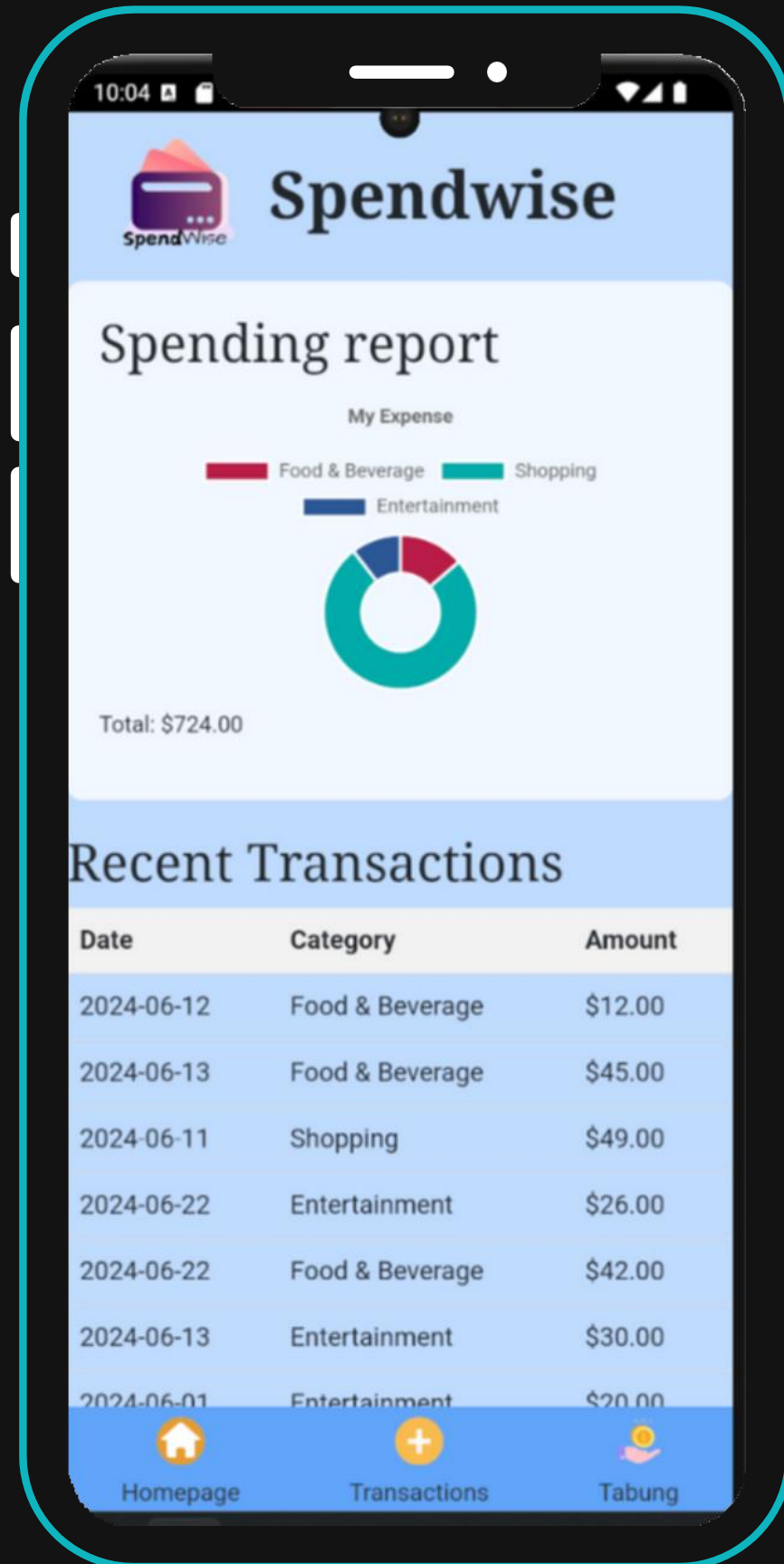


# Application interfaces

# *Login Page*



**Users can access the SpendWise application through the login screen depicted in the image. In order to proceed, users must enter their username and click the button "Get started" to the next page.**



# Home Page



The dashboard screen of the SpendWise application gives users a clear overview of their spending habits. It includes visual and textual representations of expenses and a list of recent transactions. When user add transactions ,the chart will be update the percentage of expense.

From here,when user add transaction the data will display at recent transaction and the total will increase .

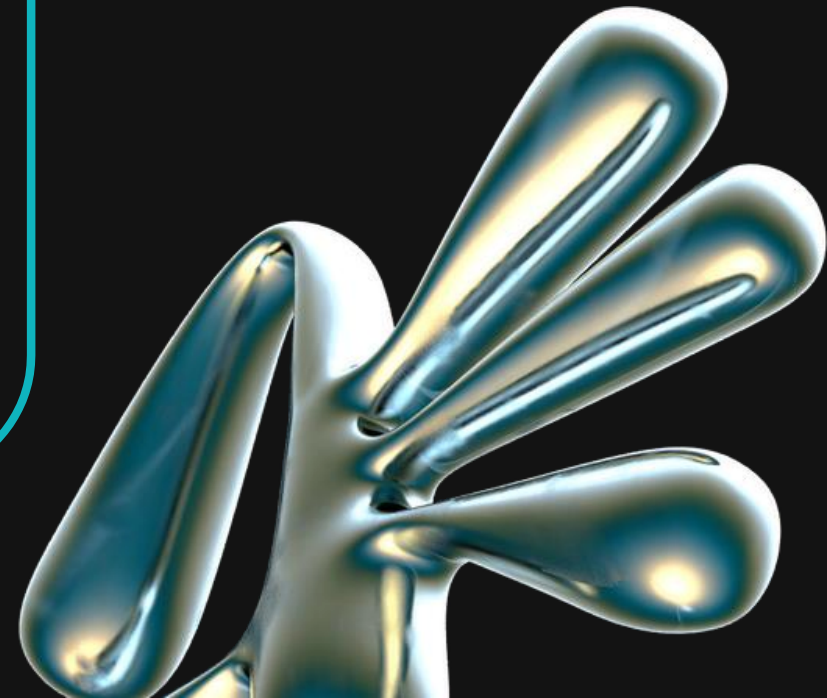
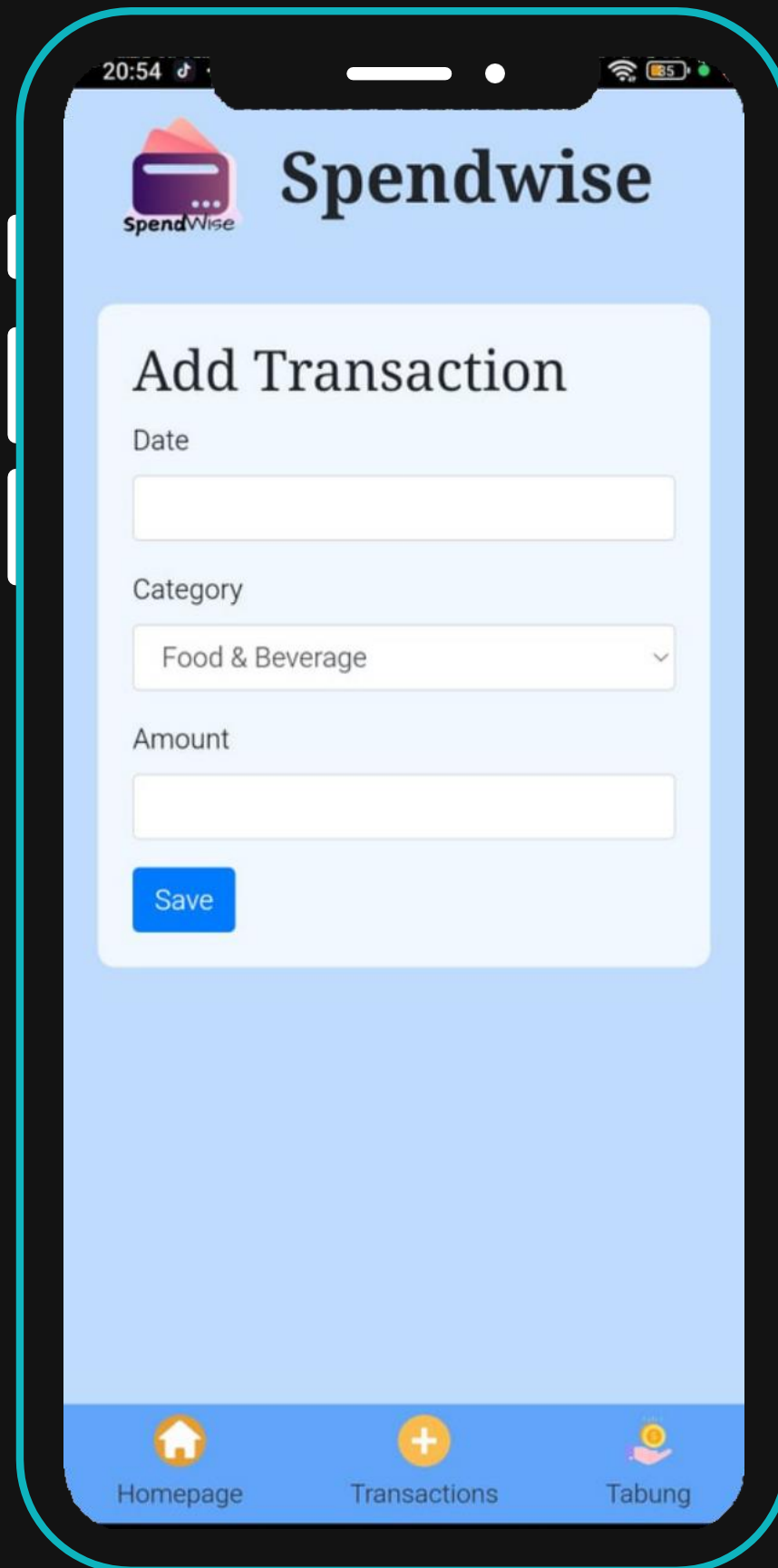


# *Transaction Page*

This screen allows users to add a new transaction to their account.

Here are the elements on the screen :

- Date: The date field is pre-populated with the current date, Users can tap on the date field to change the date of the transaction.
- Category: The category field is set to "Food & Beverage" by default. Users can tap on the category field to select a different category for the transaction. Spendwise offers a variety of categories to choose from, such as Shopping, Food and beverage, and Entertainment.
- Amount: The amount field is empty. Users can tap on the amount field to enter the amount of the transaction.
- Save button: The Save button is located in the bottom right corner of the screen. Once a user has entered the date, category, and amount of the transaction, they can tap on the Save button to add the transaction to their account.

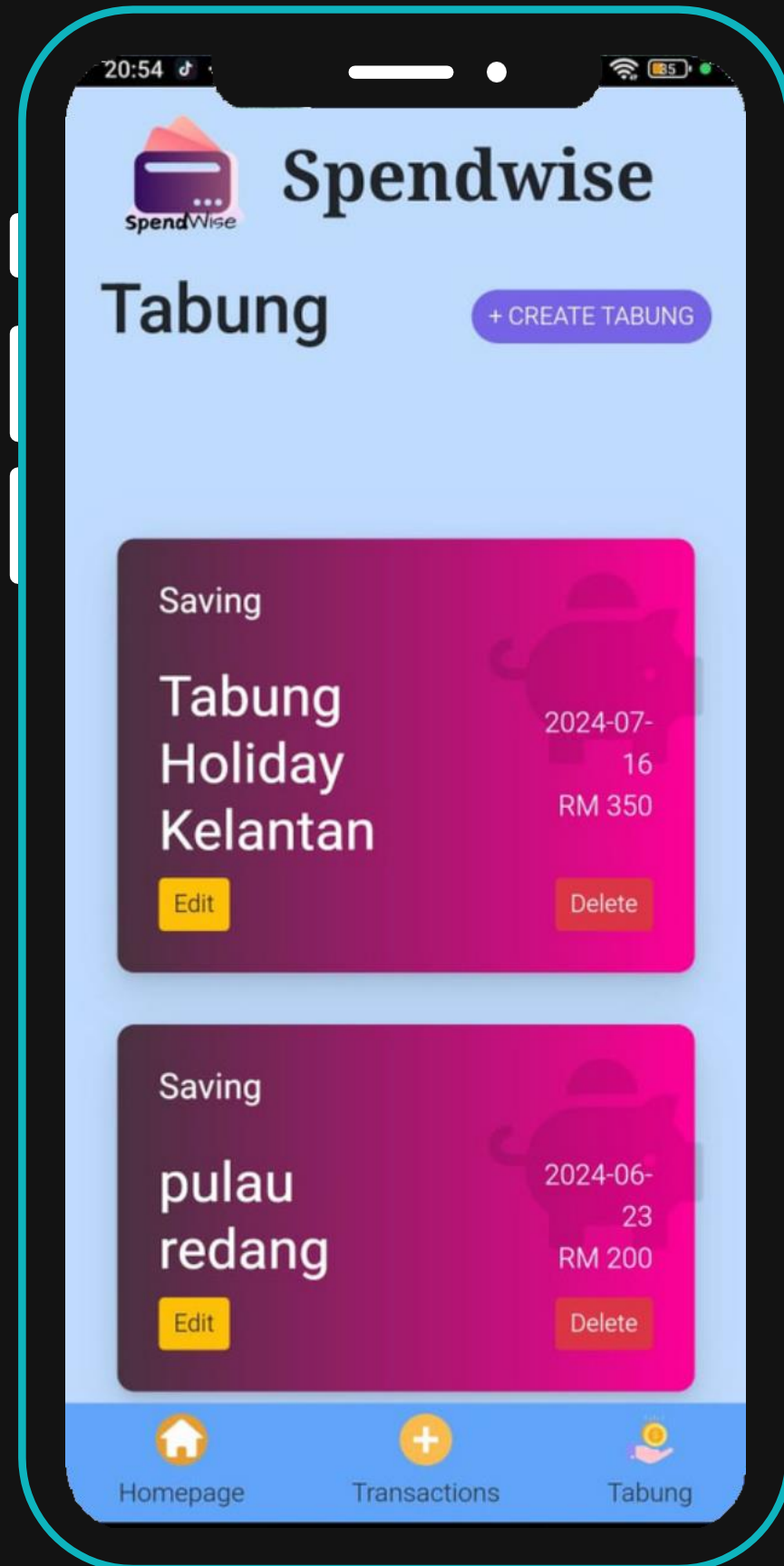


# Tabung Page

**Spendwise allows users to set a target amount for their tabung accounts. This can help users to stay on track with their savings goals.**

Here are the elements on the screen :

- **Tabung:** The word "Tabung" is displayed at the top of the screen, followed by a "+" button. Tapping the "+" button allows users to create a new tabung account.
- **List of tabung accounts:** Below the "+" button, there is a list of the user's tabung accounts. The list shows the name of each tabung account, the amount of money that is currently in the account, and the date the account was created.
- **Edit and Delete buttons:** To the right of each tabung account name, there are two buttons: "Edit" and "Delete". Tapping the "Edit" button allows users to edit the details of their tabung account, such as the name of the account or the target amount. Tapping the "Delete" button allows users to delete their tabung account.



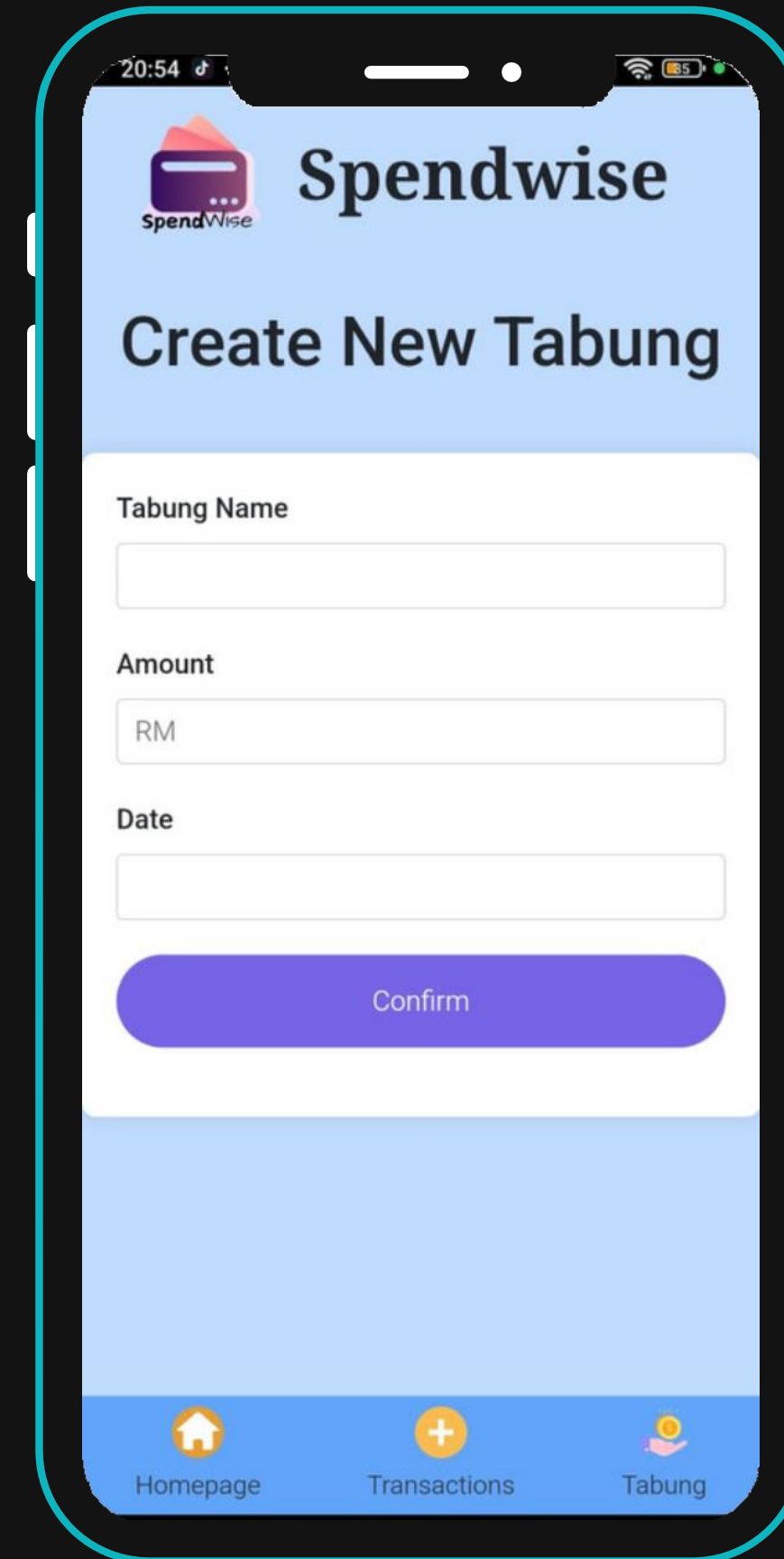


# Create Tabung Page

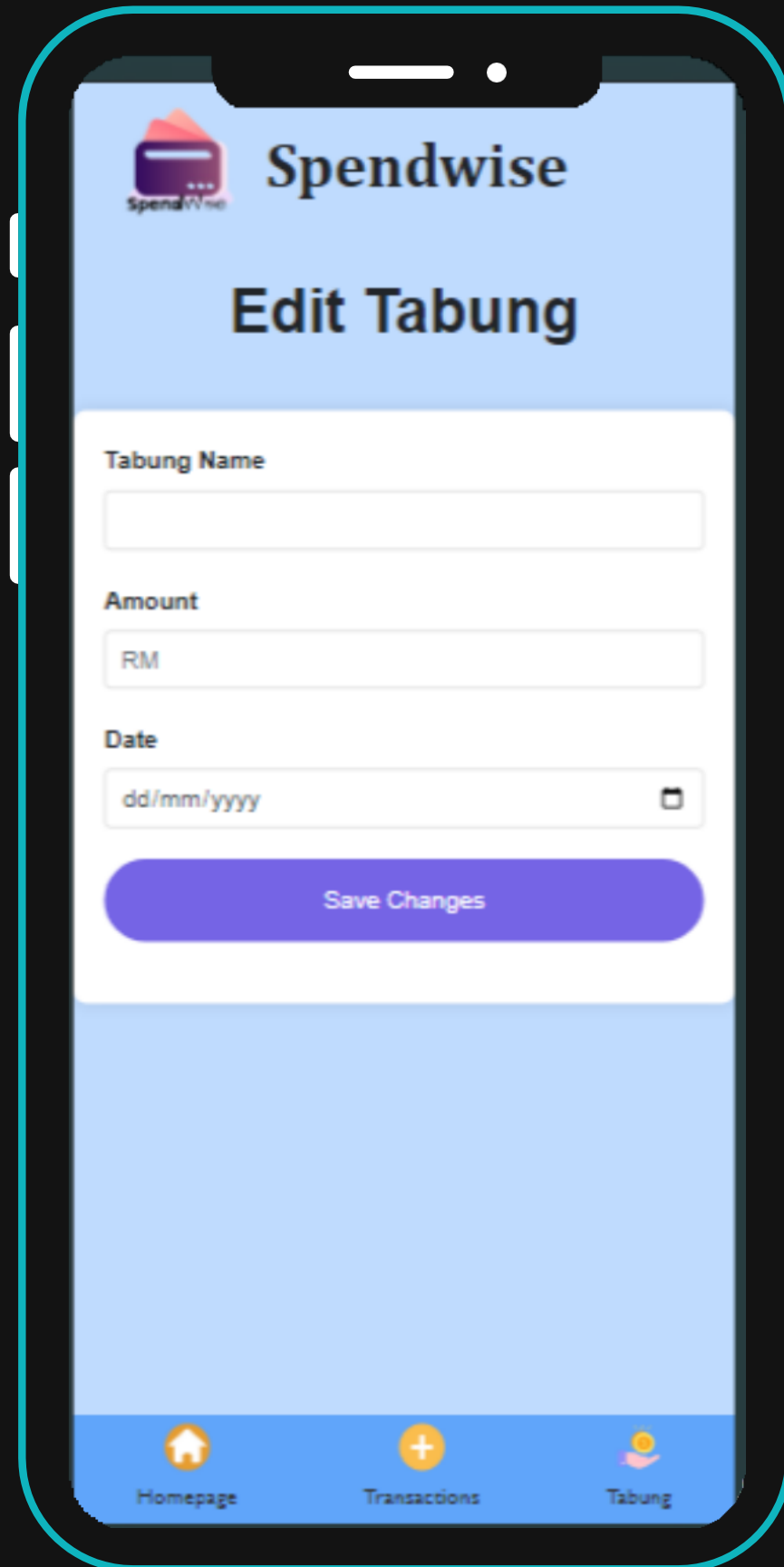
**The Spendwise app allows users to set savings goals for their tabung accounts. This can help users to stay on track with their financial goals**

Here are the elements on the screen :

- Tabung name: The text field at the top of the screen is labeled "Tabung Name". This is where the user will enter the name of their new tabung account. For example, they might name their tabung account "Emergency Fund" or "Holiday Fund".
- Amount: The text field below the "Tabung Name" field is labeled "Amount". This is where the user will enter the initial amount of money that they want to deposit into their new tabung account.
- Date: The text field below the "Amount" field is labeled "Date". This is where the user will enter the date by which they want to save their goal amount. It can also be interpreted as the target date to reach the savings goal.
- Confirm button: The blue button below the "Date" field is labeled "Confirm". Tapping this button will create the new tabung account and add it to the user's list

A screenshot of the 'Create New Tabung' screen in the Spendwise app. The screen has a light blue header with the 'Spendwise' logo and title. Below the header, the title 'Create New Tabung' is displayed. The form consists of three text input fields: 'Tabung Name', 'Amount' (with 'RM' pre-filled), and 'Date'. A blue 'Confirm' button is positioned below the 'Date' field. At the bottom, there is a navigation bar with three icons: a house for 'Homepage', a plus sign for 'Transactions', and a piggy bank for 'Tabung'.





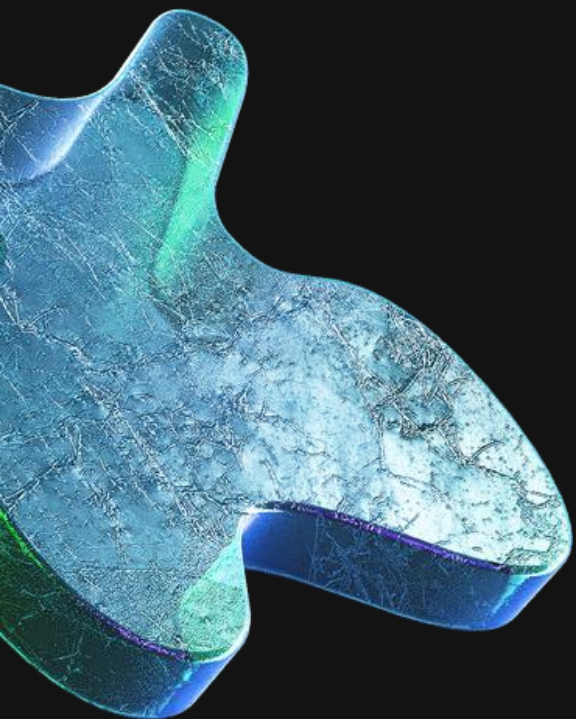
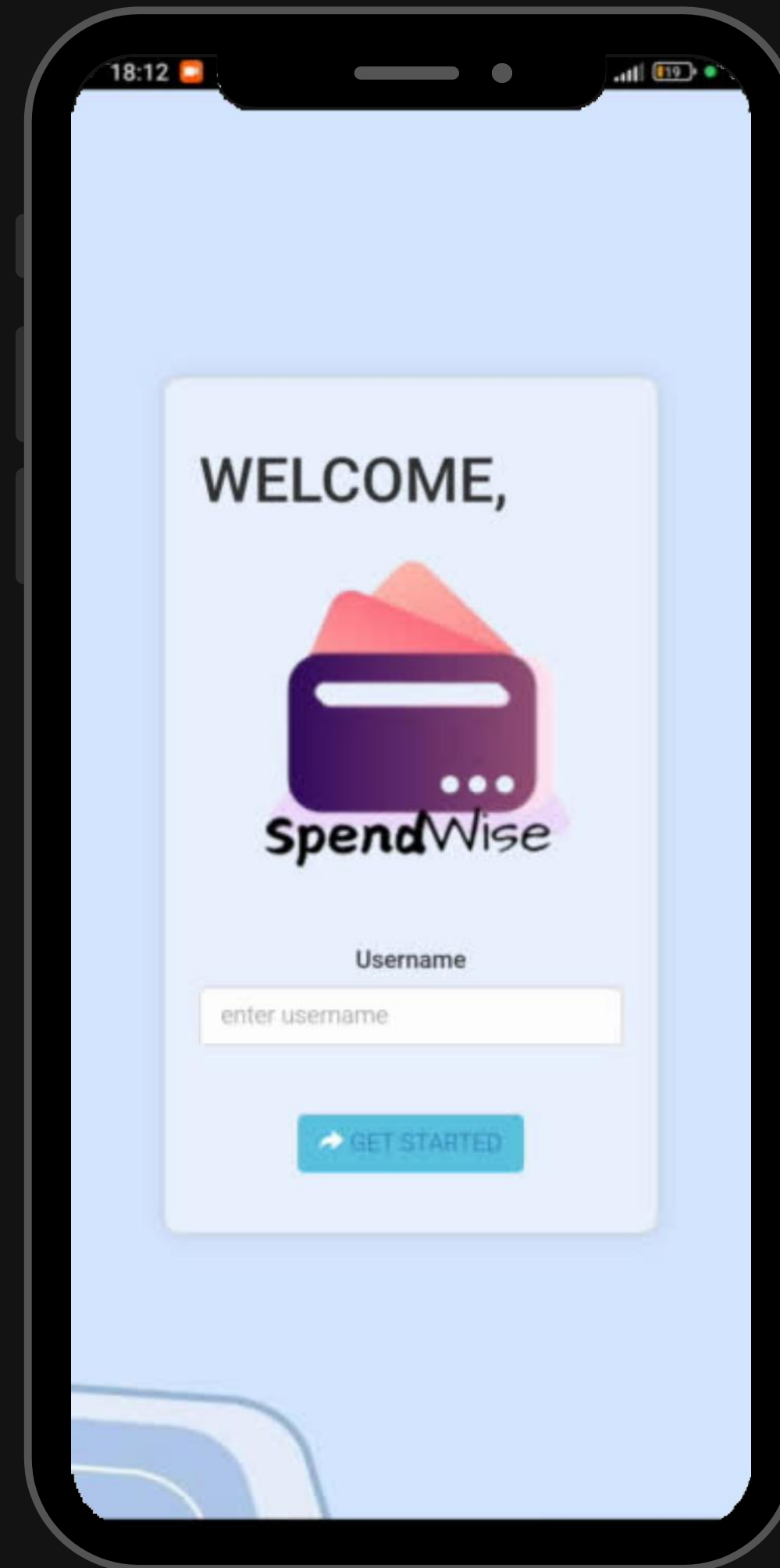
# *Edit Page*

The edit tabung feature allows users to modify the details of their existing tabung accounts.

From here, you can edit the following details of your tabung account:

- Tabung name: This is the name that you will give to your tabung account. For example, you might name your tabung account "Emergency Fund" or "Holiday Fund".
- Amount: This is the total amount of money that is currently in your tabung account.
- Date: This is the date that you created your tabung account.

How does my app work?





# THANK YOU



<https://youtu.be/OU1eCV3AtDo?feature=shared>