Spendwise

User Requirements

⚥ 1. Customer

ID: AC01

Customer : the persons who are using this app

1.1. Properties

Abstract	false
Leaf	false
Root	false

1.2. Relationships

Relationship	From	To
─unnamed	⚥ Customer	🔵Signup
─unnamed	⚥ Customer	🔵*Login*
─unnamed	⚥ Customer	🔵Dashboard

⚥ 2. Super Admin

ID: AC02

the person who has whole access to the app and who has created this app

2.1. Properties

Abstract	false
Leaf	false
Root	false

2.2. Relationships

Relationship	From	To
─unnamed	⚥ Super Admin	🔵Signup
─unnamed	⚥ Super Admin	🔵*Login*
─unnamed	⚥ Super Admin	🔵Dashboard

🗔3. System

🔵4. Account Sync

ID: UC18

Keeps user data consistent across platforms.

4.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User has account data to sync.
Post-conditions	Data is synchronized across platforms.
Author	N/A
Assumptions	N/A

4.2. Scenarios

4.2.1. Scenario

1. User initiates "Account Sync".
2. System confirms completion.

4.3. Requirements

4.3.1. Function for syncing data.
ID: UC18.REQ001

4.3.2. Success and error handling for sync process.
ID: UC18.REQ002

4.4. Relationships

Relationship	From	To
---><<Extend>>	●Account Sync	●Dashboard
unnamed	●Account Sync	●Save Account Details

●5. Accounts
ID: UC15
Provides a view and management options for all of the user's financial accounts within the system.

5.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User is logged in and has navigated to the "Accounts" section.
Post-conditions	The user's financial accounts are updated as per the user's actions.

Author	N/A
Assumptions	N/A

5.2. Scenarios

5.2.1. Scenario

> 1. User navigates to "Accounts".
>
> 2. System displays all associated accounts.
>
> 3. User manages accounts as needed.

5.3. Requirements

5.3.1. The system must aggregate all user financial accounts in one view.
ID: UC15.REQ001

5.3.2. The system must provide options for adding, removing, or modifying accounts.
ID: UC15.REQ002

5.4. Relationships

Relationship	From	To
unnamed	Navigation	Accounts

6. Add Expense
ID: UC04
User can log expense details.

6.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User is logged in and on the "Dashboard".
Post-conditions	Expense details are recorded in the user's account.
Author	N/A
Assumptions	N/A

6.2. Scenarios

6.2.1. Scenario

> 1. User selects "Add Expense" from the "Dashboard".
>
> 2. User enters expense details and submits.

6.3. Relationships

Relationship	From	To
--->><<Include>>	●Dashboard	●Add Expense

●7. Add Income
ID: UC03
User can add income details.

7.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User is logged in and on the "Dashboard".
Post-conditions	Income details are added to the user's financial records.
Author	N/A
Assumptions	N/A

7.2. Scenarios

7.2.1. Scenario

> 1. User selects "Add Income" from the "Dashboard".
> 2. User inputs details and submits.

7.3. Requirements

📄7.3.1. Form for entering income details.
ID: UC03.REQ001

📄7.3.2. Persistence of income data in the system.
ID: UC03.REQ002

7.4. Relationships

Relationship	From	To
--->><<Include>>	●Dashboard	●Add Income

●8. Dashboard
ID: UC02
Central interface for managing finances after login.

8.1. Primary Actors
⚥ Customer, ⚥ Super Admin

8.2. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User is logged in.
Post-conditions	User interacts with financial data or navigates to other functionalities.
Author	N/A
Assumptions	N/A

8.3. Scenarios

8.3.1. Scenario

1. User logs in and sees "Dashboard".

2. User can select from options like "Add Income", "Add Expense", etc.

3. User can navigate to other functionalities.

8.4. Requirements

8.4.1. Must display summary of user's financial data.
ID: UC02.REQ001

8.4.2. Navigation to all major functionalities.
ID: UC02.REQ002

8.5. Relationships

Relationship	From	To
--->\<\<Extend>>	Account Sync	Dashboard
--->\<\<Include>>	Dashboard	Add Income
--->\<\<Include>>	Dashboard	Add Expense
--->\<\<Include>>	Dashboard	Edit Income
--->\<\<Include>>	Dashboard	Edit Expense
unnamed	Dashboard	Navigation
unnamed	Super Admin	Dashboard
unnamed	Customer	Dashboard

9. Edit Expense
ID: UC06
Users can alter financial records.

9.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User has financial records to edit.
Post-conditions	The specific financial record is updated.
Author	N/A
Assumptions	N/A

9.2. Scenarios

9.2.1. Scenario

1. User chooses to edit an income or expense item.
2. User makes changes and saves them.

9.3. Requirements

9.3.1. Edit options for each financial entry.
ID: UC06.REQ001

9.3.2. Updated data reflects immediately.
ID: UC06.REQ002

9.4. Relationships

Relationship	From	To
--->`<<Include>>`	Dashboard	Edit Expense

10. Edit Income
ID: UC05

Users can alter financial records.

10.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User has financial records to edit.
Post-conditions	The specific financial record is updated.
Author	N/A
Assumptions	N/A

10.2. Scenarios

10.2.1. Scenario

1. User chooses to edit an income or expense item.

2. User makes changes and saves them.

10.3. Requirements

10.3.1. Edit options for each financial entry.
ID: UC05.REQ001

10.3.2. Updated data reflects immediately.
ID: UC05.REQ002

10.4. Relationships

Relationship	From	To
--->\<\<Include>>	Dashboard	Edit Income

11. Expense
ID: UC11
Allows users to record and manage their expense transactions.

11.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User is logged in and has chosen to enter an expense.
Post-conditions	The expense is recorded in the user's financial records.
Author	N/A
Assumptions	N/A

11.2. Scenarios

11.2.1. Scenario

1. User chooses to record a new "Expense".

2. User inputs the details of the expense.

3. System saves the expense information.

11.3. Requirements

11.3.1. The system must have a feature to enter and save expense details.

ID: UC11.REQ001

11.3.2. The system must validate the entered information for accuracy.
ID: UC11.REQ002

11.4. Relationships

Relationship	From	To
unnamed	Navigation	Expense

12. Invalid Details

ID: UC09

Handles scenarios where user input does not meet the system's validation criteria.

12.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	N/A
Post-conditions	N/A
Author	N/A
Assumptions	N/A

12.2. Scenarios

12.2.1. Scenario

1. User submits details.
2. System attempts validation and fails.
3. User is notified of the invalid details.
4. User is prompted to correct the details.

12.3. Requirements

12.3.1. The system must provide clear error messages that help the user correct their
ID: UC09.REQ002

12.3.2. The system must validate user inputs against predefined rules.
ID: UC09.REQ001

12.4. Relationships

Relationship	From	To
<<Exclude>>	Invalid Details	Login

🔵 *13. Login*

ID: UC01

Authenticates registered users into the system.

13.1. Primary Actors

👤 Customer, 👤 Super Admin

13.2. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User has an existing account.
Post-conditions	User gains access to the system features.
Author	N/A
Assumptions	N/A

13.3. Scenarios

13.3.1. Scenario

1. User enters login credentials.

2. System checks credentials against stored data.

3. On success, access to "Dashboard" is granted.

4. On failure, "Invalid Details" message is shown.

13.4. Requirements

📄 13.4.1. Secure authentication process. Error handling for failed logins.

ID: UC01.REQ001

13.5. Relationships

Relationship	From	To
··➤<<Exclude>>	🔵 Invalid Details	🔵 *Login*
—— unnamed	👤 Super Admin	🔵 *Login*
—— unnamed	👤 Customer	🔵 *Login*

🔵 14. Logout

ID: UC14

Terminates the user session and secures the account against unauthorized access.

14.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User is logged in.
Post-conditions	User is logged out, and no unauthorized access to the account is possible without re-authentication.
Author	N/A
Assumptions	N/A

14.2. Scenarios

14.2.1. Scenario

1. User selects "Logout".
2. System ends the session and logs the user out.
3. User is redirected to the login screen.

14.3. Requirements

14.3.1. The system must ensure that the session is completely terminated upon logout.
ID: UC14.REQ002

14.3.2. The system must provide a clear and easily accessible logout option.
ID: UC14.REQ001

14.4. Relationships

Relationship	From	To
unnamed	Navigation	Logout

15. Navigation
ID: UC10

Provides pathway to various sections.

15.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User is within the system.
Post-conditions	User reaches desired section.

Author	N/A
Assumptions	N/A

15.2. Scenarios

15.2.1. Scenario

> 1. User utilizes "Navigation" menu.
>
> 2. User selects desired section.

15.3. Requirements

15.3.1. Access from various parts of the system.
ID: UC10.REQ002

15.3.2. Intuitive navigation system.
ID: UC10.REQ001

15.4. Relationships

Relationship	From	To
unnamed	Navigation	Expense
unnamed	Navigation	Reminder
unnamed	Navigation	Track
unnamed	Navigation	Accounts
unnamed	Navigation	Logout
unnamed	Navigation	Settings
unnamed	Navigation	Profile
unnamed	Dashboard	Navigation

16. Profile
ID: UC17
Allows users to update personal information.

16.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User is logged in.
Post-conditions	User's personal information is updated in the system.
Author	N/A

Assumptions   N/A

16.2. Scenarios

16.2.1. Scenario

1. User selects "Profile" from "Navigation".

2. User updates information and saves changes.

16.3. Requirements

16.3.1. Immediate update and storage of new user data.
ID: UC17.REQ002

16.3.2. Profile editing feature.
ID: UC17.REQ001

16.4. Relationships

Relationship	From	To
unnamed	Navigation	Profile

17. Reminder
ID: UC12

Alerts users about upcoming financial events or tasks.

17.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User is logged in and has set at least one reminder.
Post-conditions	User is informed about the financial tasks or events they need to attend to.
Author	N/A
Assumptions	N/A

17.2. Scenarios

17.2.1. Scenario

1. User sets up or receives a "Reminder".

2. System notifies the user at the specified time or event.

3. User takes action based on the reminder.

17.3. Requirements

📄 17.3.1. The system must allow users to set, edit, and delete reminders.
ID: UC12.REQ001

📄 17.3.2. The system must notify users reliably at the specified times.
ID: UC12.REQ002

17.4. Relationships

Relationship	From	To
⚄unnamed	🔵Navigation	🔵Reminder

🔵18. Save Account Details
ID: UC19

18.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	N/A
Post-conditions	N/A
Author	N/A
Assumptions	N/A

18.2. Relationships

Relationship	From	To
⚄unnamed	🔵Account Sync	🔵Save Account Details

🔵19. Save Details
ID: UC08

Captures and stores user details or transaction records in the system.

19.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User has entered details that need to be saved.
Post-conditions	User's details or transactions are saved and can be retrieved or accessed later.

Author	N/A
Assumptions	N/A

19.2. Scenarios

19.2.1. Scenario

1. User enters details that require saving.
2. System validates and saves the details.
3. User receives confirmation of saved details.

19.3. Requirements

19.3.1. The system must ensure data integrity during save operations.
ID: UC08.REQ001

19.3.2. The system must provide feedback to the user after saving.
ID: UC08.REQ002

19.4. Relationships

Relationship	From	To
--->><<Include>>	🔵Signup	🔵Save Details

🔵20. Settings
ID: UC16
Users can adjust their account settings.

20.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	N/A
Post-conditions	N/A
Author	N/A
Assumptions	N/A

20.2. Scenarios

20.2.1. Scenario

1. User selects "Settings" from "Navigation".
2. User changes settings as desired and saves.

20.3. Requirements

20.3.1. Settings feature for account personalization.
ID: UC16.REQ001

20.4. Relationships

Relationship	From	To
unnamed	Navigation	Settings

21. Signup
ID: UC07
Allows new users to create an account by providing necessary details.

21.1. Primary Actors
Customer, Super Admin

21.2. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User is not already registered.
Post-conditions	User's account is created and details saved.
Author	N/A
Assumptions	N/A

21.3. Scenarios

21.3.1. Scenario

1. User selects the "Signup" option.
2. User inputs required details.
3. System validates the information.
4. If validation passes, the system proceeds to "Save Details".
5. If validation fails, the system indicates "Invalid Details".

21.4. Requirements

21.4.1. The system must provide a registration form. User inputs must be validated for format and uniqueness.
ID: UC07.REQ001

21.5. Relationships

Relationship	From	To
···> <<Include>>	● Signup	● Save Details
—— unnamed	⚦ Super Admin	● Signup
—— unnamed	⚦ Customer	● Signup

● 22. Track

ID: UC13

Enables users to monitor the activity and performance of their financial accounts.

22.1. Details

Level	N/A
Complexity	N/A
Use Case Status	N/A
Implementation Status	N/A
Preconditions	User is logged in and has financial data to track.
Post-conditions	User has up-to-date information on their financial activities.
Author	N/A
Assumptions	N/A

22.2. Scenarios

22.2.1. Scenario

1. User selects the "Track" option.
2. System presents a dashboard of financial activities and trends.
3. User reviews the information.

22.3. Requirements

📄 22.3.1. The system must provide financial tracking features, including graphs, statistics, or summaries.
ID: UC13.REQ001

📄 22.3.2. The system must update tracking data in real-time or near-real-time.
ID: UC13.REQ002

22.4. Relationships

Relationship	From	To
···> unnamed	● Navigation	● Track