

Team User Stories with GUI Implementation

Note: Here we list all the user stories that have been fully implemented, tested, and have a graphical user interface (GUI).

FORMAT:

User Story #: [Title/Discription]

Main Developers: [Names]

Assigned Tester: [Name]

User Story 1: Display expenses

Main Developers: Corinth

Assigned Tester: Ahmed

User Story 2: Display incomes

Main Developers: Corinth

Assigned Tester: Ahmed

User Story 3: Display time-period

Main Developers: Corinth

Assigned Tester: Oubai

User Story 4: Login

Main Developers: Ahmed

Assigned Tester: Corinth

User Story 5: Calculate my Savings

Main Developers: Kennie

Assigned Tester: Sarimah

User Story 6: Loan Calculator

Main Developers: Sarimah

Assigned Tester: Kennie

User Story 7: Currency Converter

Main Developers: Nabeela

Assigned Tester: Oubai

User Story 8: Summary Page

Main Developers: Farzain

Assigned Tester: Nabeela

User Story 9: Compound Prediction Page:(calculates compound)

Main Developers: Oubai

Assigned Tester: [Name]

User Story 10: Display my Savings

Main Developers: Kennie

Assigned Tester: Sarimah

User Story 11: Register

Main Developers: Ahmed

Assigned Tester: [Name]

User Story 12: Investment

Main Developers: Oubai

Assigned Tester: [Name]

Testing Responsibilities

Here we assign each team member to test user stories they were not heavily involved in developing.

[Ahmed Ali]: Assigned User Story [#1, #2]

[Kennie]: Assigned User Story [#6]

[Nabeela]: Assigned User Story [#5]

[Oubai]: Assigned User Story [#3, #7]

[Sarimah]: Assigned User Story [#5, #10]

Bug/Problem Report Form

Problem Report Number: 1

Reported By: Ahmed Ali

Date Reported: March 24, 2024

Program Name: Expense Table

Release Number: N/A

Version (Build) Identifier: N/A

Report Type: Coding error

Can Reproduce: Yes

Severity: Minor

Priority: Medium

Problem Summary: The bug indicated in this photo is the “n” at the bottom where when a table row is not present an “n” appears as a placeholder for the empty column

Problem Description:

Detailed Description: When all expense categories are collapsed the expected visual is all the expenses and empty rows available for user expense input should be empty (no name, or values). In this case when the row doesn't exist the row just displays an “n” which is an issue.

Steps to Reproduce: To reproduce the bug collapse all “expense types” into the expenses to display the furthest hierarchical structure of the table.

Screenshots:

Name	Actual Cost	Budget	Difference
> Bills	0.0	0.0	0.0
> Transportation	0.0	0.0	0.0
> Insurance	0.0	0.0	0.0
> Food	0.0	0.0	0.0
> Self-Care	0.0	0.0	0.0
> Entertainment	0.0	0.0	0.0
> Loans	0.0	0.0	0.0
> Taxes	0.0	0.0	0.0
> Investments	0.0	0.0	0.0
>	0.0	0.0	0.0
> E2E-EDITED	1000.0	3000.0	2000.0
n			

Exact bug:

n

Suggested Fix: Refactor the code to ensure there are no logical issues when adding a new row.

Status: Open

Resolution: Pending

Resolved By: N/A

Resolution Date: N/A

Bug/Problem Report Form

Problem Report Number: 2

Reported By: Kennie Oraka

Date Reported: March 24, 2024

Program Name: Loan Calculator

Release Number: N/A

Version (Build) Identifier: N/A

Report Type: Coding error

Can Reproduce: Yes

Severity: Minor

Priority: Low

Problem Summary: The actions for the Add and Calculate buttons contain duplicate code for parsing input fields and calculating loan details.

Problem Description:

Detailed Description: After I enter valid numeric values in the Loan Amount TextField, Interest Rate TextField, and Payment Period TextField, the Calculation/display is done by both 'Add' and 'Calculate' Buttons.

Suggested Fix: Refactor the common logic into a separate method to reduce duplication and improve code maintainability.

Resolution

Status: Open

Resolution: Pending

Resolved By: N/A

Resolution Date: N/A

Comments: None

Bug/Problem Report Form

Problem Report Number: 3

Reported By: Nabeela Ansari

Date Reported: March 24, 2024

Program Name: Summary Page

Release Number: N/A

Version (Build) Identifier: N/A

Report Type: Coding error

Can Reproduce: Yes

Severity: Medium. The bug affects the visual representation of data but does not crash the application.

Priority: Medium. The bug should be fixed after more crucial and imperative bugs are tended to which may affect the application's stability or data integrity.

Problem Summary: After the deletion of data from the database, the line chart still contains data points instead of being empty.

Problem Description:

Detailed Description: After I input numerical values for the given categories in the expense table they show up on the summary page line graph instantly. However, when I manually delete the values from the expense table, the summary page fails to update the UI and delete the data points.

Steps to Reproduce:

To reproduce errors in UI, navigate to the expense table and add an expense under any category. Navigate to the summary page and it should show up on the line chart. Navigate back to the expense table and delete the data. Go to the summary page and it is visible that the data has not been deleted and it is still plotted on the chart.

Suggested Fix:

1. Implement observer patterns to ensure the UI components such as the line chart are refreshed and updated immediately after data manipulation.
2. The process of deleting data and refreshing UI logic needs to be investigated.

Resolution

Status: Open

Resolution: Pending

Resolved By: N/A

Resolution Date: N/A

Comments: None

Bug/Problem Report Form

Problem Report Number: 4

Reported By: MHD-Oubai Al-khimi

Date Reported: March 24, 2024

Program Name: Currency converter in Currency.java

Release Number: N/A

Version (Build) Identifier: N/A

Report Type: Coding error

Can Reproduce: Yes

Severity: Medium

Priority: Medium

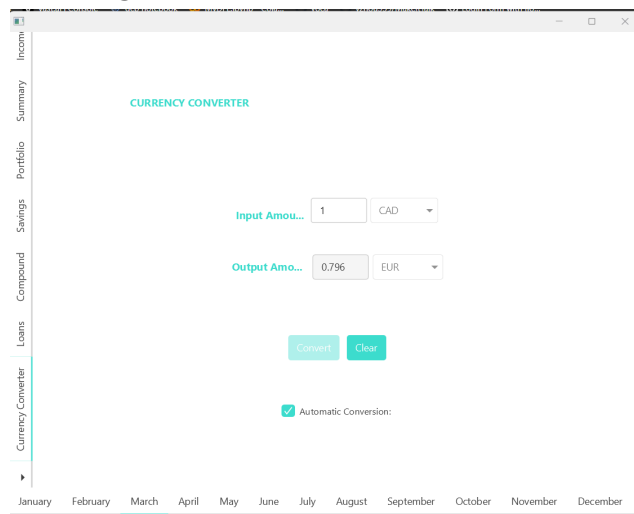
Problem Summary: The currency ratios are incorrect, rendering the conversion faulty

Problem Description:

Detailed Description: When using Euro or GBP as input or output currency, we are shown an incorrect conversion which cannot be explained by fluctuation in currency price. This is due to hard coded incorrect values causing the error.

Steps to Reproduce: To reproduce the error, go to the Currency Converter page, then choose Eur or GBP as the input or output currency, proceed to write an amount and convert it, this will show an incorrect conversion.

Exact bug:



The screenshot shows a web browser window with a sidebar menu on the left containing links for Income, Summary, Portfolio, Savings, Compound, Loans, and Currency Converter (which is highlighted). The main content area is titled 'CURRENCY CONVERTER' in teal. It features two input fields: 'Input Amount' with a value of '1' and a dropdown menu set to 'CAD', and 'Output Amount' with a value of '0.796' and a dropdown menu set to 'EUR'. Below these fields are two buttons: 'Convert' and 'Clear'. At the bottom, there is a checked checkbox labeled 'Automatic Conversion:'. A horizontal navigation bar at the very bottom of the page lists the months from January to December, with 'March' currently selected and highlighted in teal.

Resolution

Status: Open

Resolution: Pending

Resolved By: N/A

Resolution Date: N/A

Bug/Problem Report Form

Problem Report Number: 5

Reported By: Sarimah Chindah

Date Reported: March 24, 2024

Program Name: Savings Calculator

Release Number: N/A

Version (Build) Identifier: N/A

Report Type: Coding error

Can Reproduce: Yes

Severity: Medium

Priority: Low

Problem Summary: The savings calculator does not display an error message indicating invalid input when handling negative values.

Problem Description: When negative values are entered in the income, expenses, or savings goal fields, the savings calculator does not display an error message to indicate that the input is invalid. This can lead to incorrect calculations and confusion for the user.

Detailed Description: After entering negative values in the income, expenses, or savings goal fields, the application should display an error message indicating that the input is invalid. This will help users understand that negative values are not allowed and prompt them to enter valid positive values.

Suggested Fix: Implement validation checks for negative values in the input fields. When a negative value is detected, display an error message to inform the user that the input is invalid and prompt them to enter a positive value.

Resolution: Pending

Status: Open

Resolved By: N/A

Resolution Date: N/A

Comments: None

Bug/Problem Report Form

Problem Report Number: 6

Reported By: Ahmed Ali

Date Reported: March 24, 2024

Program Name: Income Table

Release Number: N/A

Version (Build) Identifier: N/A

Report Type: Coding error

Can Reproduce: Yes

Severity: Minor

Priority: High

Problem Summary: The expense table and income table should work separately to complete their roles.

Problem Description:

Detailed Description: By definition, it shouldn't be possible to have a negative actual but the field allows for the input of a double below 0 acting as an expense.

Steps to Reproduce: To reproduce the bug input any number below 0 in the actual column of the Income Table.

Screenshot:

Name	Actual	Projected	Difference
Primary	0.0	0.0	0.0
Uber	-1000.0	0.0	-1000.0

Add Income Source

Total Actual	\$ -1000.00
Total Projected	\$ 0.00

Resolution

Status: Open

Resolution: Pending

Resolved By: N/A

Resolution Date: N/A