

# Smart Chart Test Plan

(All tests will be manual)

## 1. Use Cases:

### a. Add Expense

- i. Must first create an Expense Category (Adding to a new expense Category).
  1. Go to add expense area.
  2. Select the category in the drop down you want to add to.
  3. Enter amount.
  4. Submit amount.
  5. Success will be based on if entered amount is displayed in the area that states the selected amount in an expense category and the amount is also added to the summary page.
- ii. Adding more to an existing amount.
  1. Go to add expense area.
  2. Select the category in the drop down you want to add to.
  3. Enter amount.
  4. Submit amount.
  5. Success will be based on if entered amount is displayed in the area that states the selected amount in an expense category is updated and corrected and the amount is also added to the summary page.
- iii. Subtracting from an existing amount.
  1. Go to add expense area.
  2. Select the category in the drop down you want to add to.
  3. Enter amount, but this time put a “-” before it.
  4. Submit amount.
  5. Success will be based on if entered amount is displayed in the area that states the selected amount in an expense category is updated and corrected and the amount is also subtracted from the summary page.
- iv. Adding a non-number (input sanitation).
  1. Go to add expense area.
  2. Select the category in the drop down you want to add to.
  3. Enter a letter.
  4. Submit amount.
  5. Success will be based on if nothing occurs to balances elsewhere and no runtime errors occur.

b. Display Summary Page

i. Basic Display

1. The primary way to test the display page is to be sure every time something is added or subtracted elsewhere in the system, the summary page is updated to the most current and correct amounts. Testing of the Summary Page occurs through testing of other use cases.

c. Add Deposit

i. Adding Deposit

1. Go to Add deposit section.
2. Enter an amount.
3. Submit amount.
4. Success will be based on if amount was updated in the summary page by "Deposit(s) total:"

ii. Subtracting Deposit

1. Go to Add deposit section.
2. Enter an amount with a "-" proceeding it.
3. Submit amount.
4. Success will be based on if amount was updated in the summary page by "Deposit(s) total:"

iii. Adding a non-number (input sanitation)

1. Go to Add deposit section.
2. Enter a non-number, such as a letter.
3. Submit amount.
4. Success will be based on if nothing happens to "Deposit(s) total:" area in the summary area.

d. Create Account

i. Creating account

1. Go to register account link.
2. Enter information requested.
3. Submit.
4. Success will be based if one can then log in with now created account.

ii. Making sure account does not register same email.

1. Go to register account link.
2. Enter information requested, including an email that is already used.
3. Submit.
4. Success of this test is an error message shown to the user that the email has already been used and to retry entering a different email.

e. Add Bills

i. Adding Bills

1. Go to Add Bill section.
2. Enter an amount.
3. Submit amount.
4. Success will be based on if amount was updated in the summary page by "Bill(s) total:"

ii. Subtracting Bills

1. Go to Add Bill section.
2. Enter an amount with a "-" preceding it.
3. Submit amount.
4. Success will be based on if amount was updated in the summary page by "Bill(s) total:"

iii. Adding a non-number (input sanitation)

1. Go to Add Bill section.
2. Enter a non-number, such as a letter.
3. Submit amount.
4. Success will be based on if nothing happens to "Bill(s) total:" area in the summary area.

f. Add Loan

i. Adding Loan

1. Go to Add Loan section.
2. Enter an amount.
3. Submit amount.
4. Success will be based on if amount was updated in the summary page by "Loan(s) Total:"

ii. Subtracting Loan

1. Go to Add Loan section.
2. Enter an amount with a "-" preceding it.
3. Submit amount.
4. Success will be based on if amount was updated in the summary page by "Loan(s) Total:"

iii. Adding a non-number (input sanitation)

1. Go to Add Loan section.
2. Enter a non-number, such as a letter.
3. Submit amount.
4. Success will be based on if nothing happens to "Loan(s) Total:" area in the summary area.

g. Add Savings Goal

i. Adding Savings Goal

1. Go to Add Savings Goal section.

2. Enter an amount.
    3. Submit amount.
    4. Success will be based on if amount was updated in the summary page by "Savings goal:"
  - ii. Subtracting Savings Goal
    1. Go to Add Savings Goal section.
    2. Enter an amount with a "-" preceding it.
    3. Submit amount.
    4. Success will be based on if amount was updated in the summary page by "Savings goal:"
  - iii. Adding a non-number (input sanitation)
    1. Go to Add Savings Goal section.
    2. Enter a non-number, such as a letter.
    3. Submit amount.
    4. Success will be based on if nothing happens to "Savings goal:" area in the summary area.
- h. Add / Delete Expense Category
  - i. Test to add Category
    1. Input "TestCat" into Add expense Category field.
    2. Hit Submit.
    3. Success based on if "TestCat" was added to Category dropdowns elsewhere in system.
  - ii. Test to delete Category
    1. Go to "Delete Expense category" Area.
    2. Select checkbox near "Delete Expense category"
    3. Select "Test Cat" in drop down.
    4. Hit Submit.
    5. Success based on if "TestCat" is no longer in Category dropdowns and the expenses (if any) that were in that category are now gone.
- i. Display Time Graph
  - i. Basic Display
    1. Like the summary page, the primary way to test the graph is to be sure every time something is added or subtracted elsewhere in the system, the graph is updated to the most current and correct amounts. Testing of the time graph occurs through testing of other use cases.
- j. Display Percentage Graph
  - i. Basic Display
    1. Like the summary page, the primary way to test the graph is to be sure every time something is added or subtracted elsewhere in

the system, the graph is updated to the most current and correct amounts. Testing of the percentage graph occurs through testing of other use cases.

k. Allocate Funds

i. Allocate Flat Amount

1. Go to Allocate fund area.
2. Enter flat dollar amount.
3. Choose expense to put amount towards
4. Submit amount.
5. Success based on if the correct amount of funds were successfully applied to the expense as chosen in step 3.

ii. Allocate Percentage Amount

1. Go to Allocate fund area.
2. Enter percentage amount to pay.
3. Choose expense to put amount towards
4. Submit amount.
5. Success based on if the correct amount of funds were successfully applied to the expense as chosen in step 3.

iii. Add Amount

1. Go to Allocate fund area.
2. Enter an amount, flat or percentage
3. Choose expense to put amount towards that already has funds allotted to it.
4. Submit amount.
5. Success based on if the correct amount of funds were successfully applied and added to the expense as chosen in step 3.

iv. Subtract Amount

1. Go to Allocate fund area.
2. Enter an amount, flat or percentage
3. Choose expense to put amount towards that already has funds allotted to it.
4. Submit amount.
5. Success based on if the correct amount of funds were successfully subtracted from the expense as chosen in step 3.

l. Add / Edit Expense Category Rule

i. Add Category Rule

1. Go to Add/Edit Expense Category Rule area.
2. Select Expense Category to assign rule to.
3. Choose Priority.
4. Submit.

5. Success based on if the expense categories are adjusted as such that reflects the priority that has been assigned to them.

ii. Edit Category Rule

1. Go to Add/Edit Expense Category Rule area.
2. Select Expense Category to assign rule to, one that has already have a rule set to it.
3. Choose new Priority.
4. Submit.
5. Success based on if the expense categories are adjusted as such that reflects the priority that has been assigned to them.