

Testing Plan

To test Budget Bear, we will use Junit to test each function of the transaction log and login system. The transaction system is not fully integrated yet, including the expense menu.

For the GUI Manager, we plan to test:

- The creation of frames that will be used by various menu systems.
- The creation of panels for Expenses, Transactions, and Categories.

For the Expense Menu, we plan to test:

- Add Expense, through bounds checking.
- Remove Expense, through bounds checking.
- Initialization of the Edit Expense menu.

For the TransactionLog, we plan to test:

- The addition/removal of Transactions to the sorting functionality
- The addition of categories to keep track of the expenses
- The ability to group Transactions by their attributes

For the Categories, we plan to test:

- The addition of subcategories with their own transactions
- The addition of transactions within the category object.
- The removal of categories, including their corresponding transactions, subcategories, and their notes.
- The addition of category notes.
- The removal of Transactions from Categories when removed from the Transaction Log
- The addition of Transactions to subcategories