

GRASP Identification

TransactionLog:

- Creator and Information Expert
- Handles everything to do with the creation and storage of Transactions and their Categories. Allows easy access to all Transactions from a single class as well as easy categorizing and sorting.

Transaction:

- Information Expert
- Stores the information regarding a transaction. Uses a *Types* enumeration to increase reusability. Creation and modification handled by TransactionLog makes it easily adjustable.

Category:

- Information Expert
- Store a list of their own subcategories as well as a list of transactions within that category. Supports low-coupling by tracking related categories and associated Transactions.

GUIManager:

- Creator.
- Creates the tabbed menu to display all other information panels. Supports high cohesion by letting panels handle their own functionality. Supports low-coupling by displaying various panels because it doesn't handle panel events or rely on other panels to exist.

ExpensesPanel

- Creator and information expert
- Creates the ListDisplay panel and buttons for interacting with the list display. Supports low-coupling and high cohesion by letting the ListDisplay handle the Transaction events itself rather than having to access its data members.

ListDisplay

- Controller and Information expert
- Handles the display of all Transactions and related events such as Transaction creation/deletion. Supports high cohesion by focusing only on the Transactions and their associated functionality.