

# TransACT

## Problem Statement

There are various types of financial management software available to the public today. QuickBooks allows the everyday person to handle their accounting needs, YNAB is a handy budgeting tool, and many banks offer apps that allow the user to see past activity in their accounts. These applications are specialized in what they are used for and therefore are not very flexible. Our client wanted a desktop application that could import transactions from bank-exported data sheets and then be manually managed. Desired functionalities included sorting transactions by different accounts and providing charts and statistics that make visualizing spending habits simple, among other things.

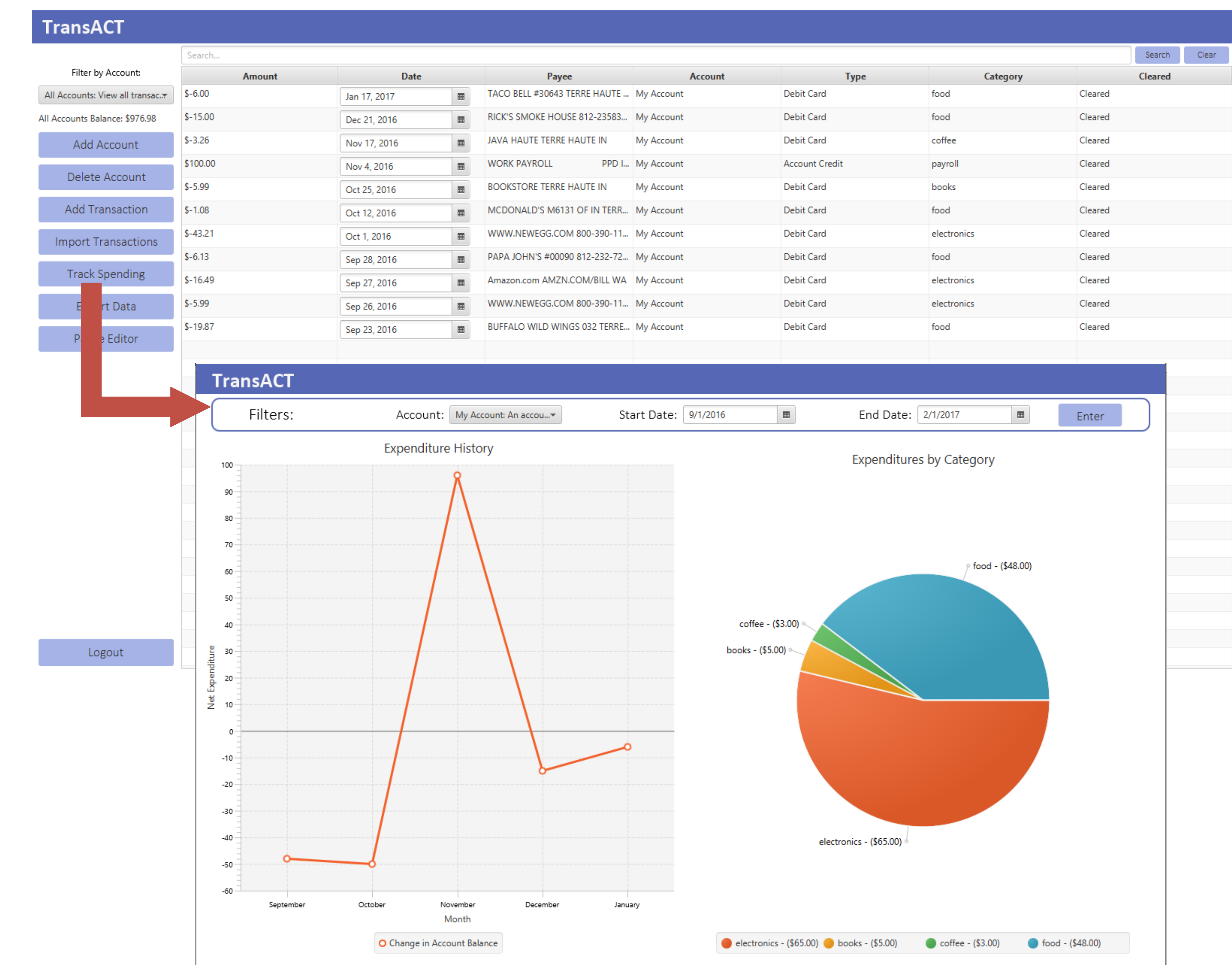
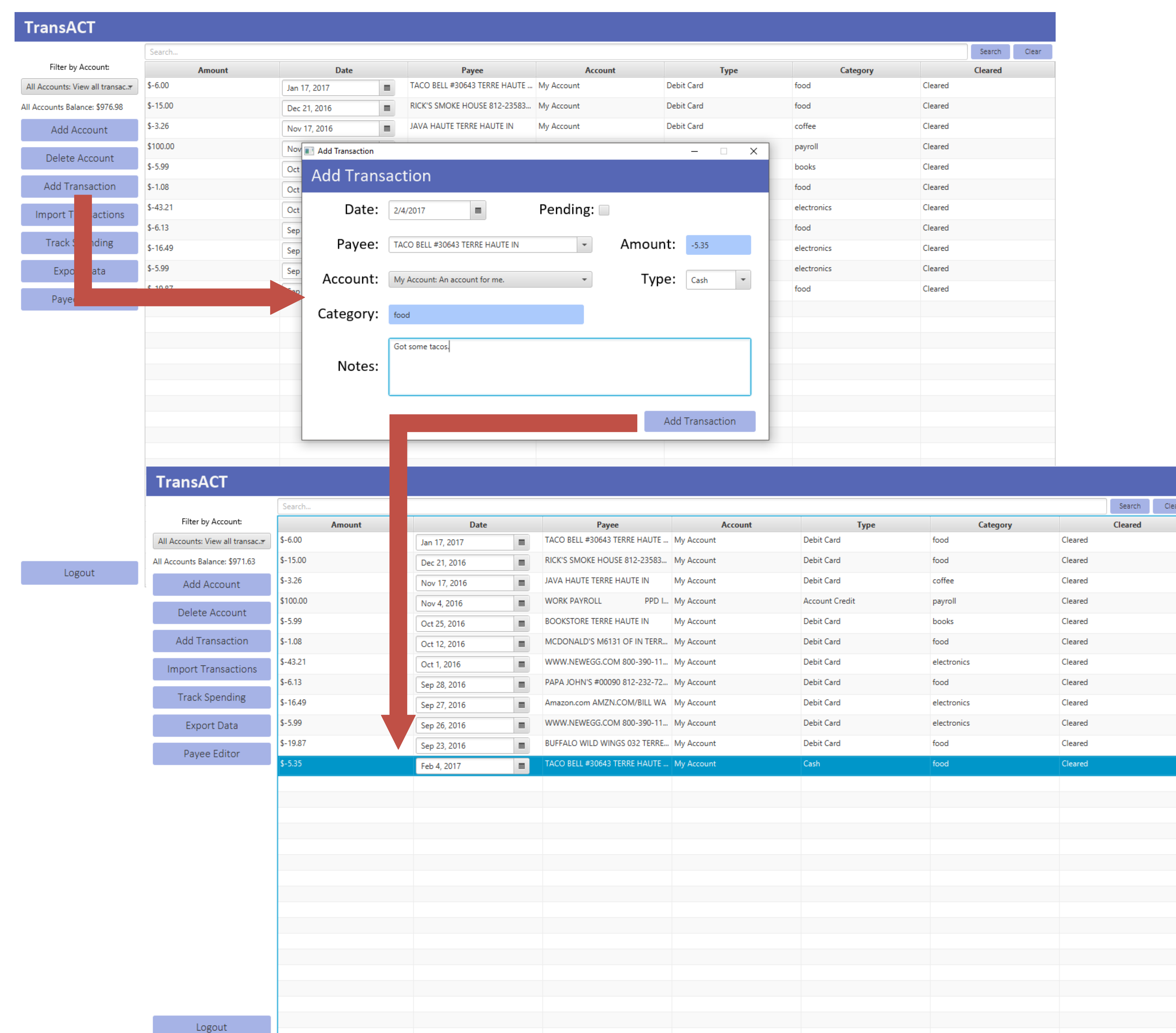
## Solution

TransACT is a finance management application that provides users with an easy and intuitive way to track their finances. Users are able to export their financial history from their bank or financial institution and then import it into TransACT. The program will then aggregate this data into one convenient place that is easy for a user to visually comprehend. Users can view their spending history at a glance or filter by a specific account to get a more in depth view. TransACT also provides charts and statistics to help the user analyze trends in their spending. Transactions can be sorted into categories that can be used to provide additional analysis. All data stored is heavily encrypted so that sensitive financial data is never at risk.

## Features

- Transaction importing from several different file types
- Sorting transactions into different accounts
- Tracking running account balances
- Generating expenditure statistics
- Exporting data
- Intelligent categorization of transactions
- Auto-ignoring duplicate transactions upon import
- Table sorting and searching
- Automatic updating to latest release
- Data encryption

## Developed Using:



## Basic Architecture

