

# A4 Design Documentation

CISC327 - Group 4: All Toppings

Chris Goel, Ryan Protheroe, Jared Violo

Functionality	Code (inclusive)	Inputs	Outputs
Setting file paths to variables	Lines 4 - 7	Master accounts file path, merged transaction summary file path, valid accounts list file path	File path variables (files)
Parsing merged transaction summary file	Lines 13 - 25	Merged transaction summary file	Dictionary of transactions in merged transaction summary file
Creating master accounts file in dictionary	Lines 28 - 39	Master accounts file	Dictionary of valid accounts
Applying transactions to accounts in dictionary	Lines 42 - 80	Master accounts file, dictionary of transactions in merged transaction summary file, master accounts dictionary	Updated master accounts dictionary
Sorting master accounts dictionary in descending order	Line 82	Updated master accounts dictionary	Same list sorted in descending order by account number
Updating valid account list and master accounts file	Lines 85 - 89	Valid accounts file, sorted master accounts dictionary	New valid accounts file, new master accounts file
Appending special account number to new valid accounts file	Lines 91 - 92	New valid accounts file	Same file with 0000000 appended
Main is called	Lines 94 - 95	N/A	N/A