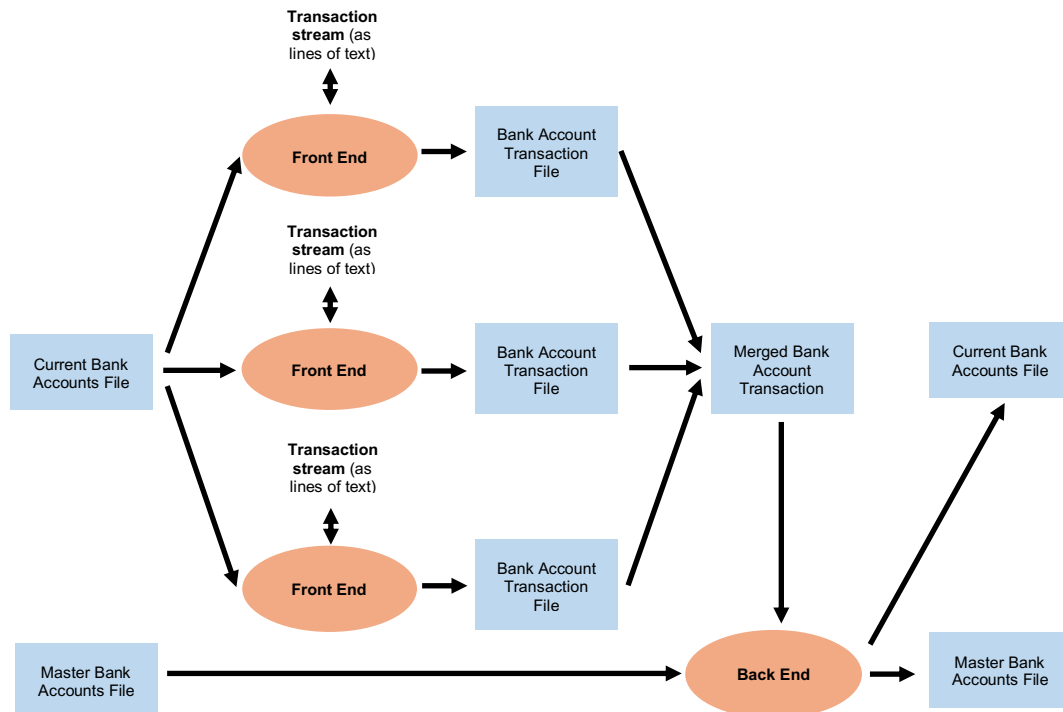


CSCI 3060U– Winter 2025
Course Project Phase #6 - Integration and Delivery
Due Wednesday, April 16 2025

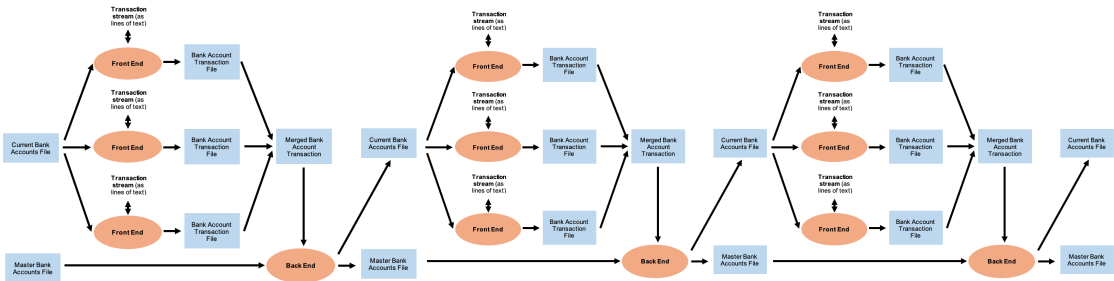
In this assignment, you will combine a Front End (that one of your group member's previous group built) with your Back End into a working day-to-day Banking System (or at least, a mock-up of one).

You are to create a “Daily” script that:

- (i) runs your Front End over a number of bank account transaction sessions, saving the output Daily Bank Account Transaction File for each session in a separate file;
- (ii) concatenates the separate Daily Bank Account Transaction Files into a Merged Daily Bank Account Transaction file;
- (iii) runs your Back End with the Merged Daily Bank Account Transaction File as input.



Once you have your Daily script working, you are to write a “Weekly” script that runs the Daily script seven separate times, simulating seven days of operation of the Banking System. The Weekly script should run a different set of transaction sessions for each of the seven days of operation, and the Current Bank Accounts File for each day should be the one output from the previous day’s Daily run.



You may want to use various transaction sessions from your Requirements Tests (Phase #1) as the transaction sessions to be run on each of your seven days. You may want to have some Front End runs be interactive so that you can type in transaction sessions interactively some of the time.

Scripts must be written as Unix shell scripts. In your scripts all files **must** be written out and read as text files by the Front End and Back End as originally specified in the project requirements, and the two programs must be invoked separately as described above. **Do not** merge the Front End and the Back End into one program sharing global data structures.

What to Hand In

- (1) A source listing of your Daily and Weekly scripts.

Assignment #6 Marking Scheme

Daily script	
Correctly implements spec. and handles files	5
Weekly script	
Correctly implements spec. and handles files	5
Total	10 marks