

b. Customer Account

If you are doing this as a group project, include a summary of what each member established. If both are working on coding what each one has established and which code each person write? At the end submit your documentation (Pseudocode, source code, and input/output).

This program should be designed and written by a team of students. Here are some suggestions:

- a. One student may work on a single class.
- b. The requirements of the program should be analyzed so each student takes about the same work load.
- c. The parameter and return types of each function and class member function should be decided in advanced.
- d. The program will be best implemented as a multi-file program, (header file, main program,..)
- e. You need to print all output to an output file and submit it to instructor during final exam.

Design a generic class or structure to store the following information about a customer account:

- Name
- Address
- City , State , and Zip
- Telephone Number
- Account balance
- Date of last payment

The class or structure should be used to store customer account records in a file. The program should have a menu that lets the user perform the following operations:

- Enter new records into the file
- Search for a particular customer's record and display it.
- Search for a particular customer's record and delete it.
- Search for a particular customer's record and change it.
- Display the contents of the entire file

Input validation: When the information for new account is entered, be sure the user enters data for all the fields. No negative account balance should be entered.