Malawi University of Business and Applied Sciences (MUBAS)

BACHELOR OF EDUCATION (BUSINESS STUDIES)

[EBS2]

Data Files Assignment

Programming II

(PRG-222)

100 Marks

★ Instructions

i. This assignment **MUST** be done in your respective Programming II groups

ii. Submit this assignment as a soft copy.

iii. Create a solution folder (file), name it with your **Group # i.e., Group 1,** all your work **MUST** be saved in this folder.

iv. Include in your solution folder, a **.txt file** (notepad file) that should contain group members' names and registration numbers.

v. Copying from another group's work will be discovered and penalized heavily with a non-negotiable **0% mark**.

vi. The solution folder with all your work **MUST** be zipped and submitted by a group leader on Moodle before **27th August, 2021 - 23:59:59**$_{CAT.}$

★ Note:

- Marks will be awarded according to:
  - Brevity
  - Modularity
  - Legibility
  - Code documentation
  - Functionality
  - Working program

★ Important Notice
- Any plagiarism will result into 0% mark

Assignment Problem

Write a C++ program that stores the following information about a customer account:

- Full name
- Gender
- Address
- District of origin
- Phone number
- Account number
- Account balance
- Date of last payment

The program should store customer account records in a file. The program should have a menu that lets the user perform the following operations:

i. Enter new records into the file

ii. Search for a particular customer's record and display it

iii. Search for a particular customer's record and delete it

iv. Search for a particular customer's record and change it

v. Display the contents of the entire file

Note:

i. When the information for a new account is entered, be sure the user enters data for all the fields.

ii. No negative account balances should be entered.

iii. For modularity, the program should have function main, which will call other program functions.

The End