**MAFD 5202 – Lab #6**

The purpose of this lab is to create the program map / map set and write the entry program. This program fulfills the create

This program and map will be used for entering records to **ACCTFILE**. This program is **DCXXXPGC**, and the TRANSID is **XXX2**.

The map for this lab is called **DCXXXMC**. To start, you should copy your existing map / map set used by the inquiry program (DCXXXMR) and change the account information fields to be UNPROT & FSET. You will also need to add stopper fields.

The new program should start by displaying your blank maps.

When the info is entered, your program should validate the following:

1. **Account number is 5 long and numeric**.
2. **First name and Surname must be entered.**
3. **Line1 and line 2 of address must be entered**
4. **Status must be entered and can only be A, B, X or Z**
5. Limit must be entered as a positive whole number on the range of 100 – 99999999 inclusive.

When a validation error is detected your program should:

1. Display a helpful error message that specifies the field and the issue.   
     
   For example, non-numeric errors should have a different message that input length errors.
2. Stop execution and allow the user to fix their error. In other words, the program will only detect one validation error per execution.

When all data is verified as valid, use **EXEC CICS WRITE** to add your new records to **ACCTFILE**. Remember to handle **DUPREC** in some fashion.

If the user enters XXXXX as the account number, your program should exit.

Due Date: **Jan 5th 2018**.