**CMSC203 Assignment 2 Design**

Class: CMSC203 CRN XXXX

 Program: Assignment #

Instructor:

 Summary of Description: (Give a brief description for each Program)

 Due Date: MM/DD/YYYY

 Integrity Pledge: I pledge that I have completed the programming assignment independently.

 I have not copied the code from a student or any source.

**Part1: Pseudo Code:** Here is a pseudo code for the Assignment 2 program:

**Part2: UML Diagram:** Here is a UML diagram for the Assignment 2 program: