Augustus Mendy

CS-300-11373-M01

Southern New Hampshire University

June 23, 2024

**7-1 Submit Project Two**

**Reflection.**

The code is an example of command-line application built in C++ that loads course material from a file, stores it in a binary search tree and an array and offers access to the data for .manipulation

The program will ask for the input file name at first. The course data that was read from the file is then stored in an array and a binary search tree. Next, the user can choose to exit the application, print the course list, load the data structure, or print a particular course.

The application arranges the courses alphabetically, from least expensive to most expensive, when the user selects to print the course list. Before the course name and criteria are printed, the user is asked for the course number when they select the Print Specific Courses button.

The application will notify the user with an error message if input from them is outside of the permitted range. It makes use of in-line comments and uniform naming conventions to further enhance readability and maintainability.