Adan Rubio, Sergio Rodriguez, Daniel Alarcon  
CSC 205 AB – 18040  
6 April 2017

CSC Match Test Cases

* Be able to save a file.
* Program can save a .ser file.

Where would you like to save it?: myMembers

Goodbye!

* Be able to load a file.
* Program can load a .ser file and access objects.

list all

Members:

Daniel

load

Input Existing File: myMembers

list all

Members:

Daniel

Casey

Daisy

Jose

* Be able to alert user of saving file before quitting.
* Program keeps track whether user has made changes before last save so that the program prompts the user if they made a change before last save.

**CHANGES MADE**

~Member has been added~

quit

Would you like to save before exiting? (Y/N):

**NO CHANGES MADE**

quit

Goodbye!

* When loading a missing file, be able to throw FileNotFoundException and handle it gracefully.
* Program displays the error on not “loading” file handles the exception gracefully and continues.

load

Input Existing File: missing

An error has occured while loading members. missing.ser (The system cannot find the file specified)

* Be able to generate a list of members for the user to view.
* Program can generate a list of members for the user to read.

list all

Members:

Daniel

Casey

Daisy

Jose

* Be able list the member, and throw an Exception if none is found and handle it gracefully.
* Program prompts user that member does not exists if no member is found of the name entered and continues.

list all

Members:

Daniel

list member

Which Member would you like to list?

Input existing Member: Jose

\*Member does not exist\*

* When a member is added, request name and interests.
* Program adds a member by prompting the user a name and interests can be added later by the user.
* If member already exists when adding, ask to override.
* Program prompts user that the specified member already exists if they add a member by the same name. User must remove member to add a member of the same name.
* When adding interest to member catch repeat topic names.
* Program overwrites an interest if the user adds an interest of the same name to a member.

Name: Daniel

Grade: 1

Interests:

Java: 0

Top 5 Matches:

add interest

Input existing Member: Daniel

What is the interest topic?: Java

What is the interest score? (0-10): 10

~Interest added to Daniel~

list member

Which Member would you like to list?

Input existing Member: Daniel

Name: Daniel

Grade: 1

Interests:

Java: 10

Top 5 Matches:

* Return an error if there is no member to remove on queue.
* Program prompts user that there are no members to remove if there are no members in the list.

remove member

\*No Members\*

list all

\*No Members\*

* When comparing two members, throw Exception if one or both members don’t exist.
* Program displays no members in “Top 5 Matches” if there are no members to compare (only user or 1 member in the list).

list member

Which Member would you like to list?

Input existing Member: Daniel

Name: Daniel

Grade: 1

Interests:

Top 5 Matches:

* When putting school year for member only accept the input in the range 1-5.
* Program asks for user to enter word grade level (Freshman, Sophomore, etc.) and then converts each grade level into an integer 1-5.

add member

What is the new Member's name?

Input new Member's name: Jose

What grade is this Member in? (Freshman, Sophomore, Junior, Senior, or Graduate): fresghman

What grade is this Member in? (Freshman, Sophomore, Junior, Senior, or Graduate): test

What grade is this Member in? (Freshman, Sophomore, Junior, Senior, or Graduate): wrong

What grade is this Member in? (Freshman, Sophomore, Junior, Senior, or Graduate): Graduate

~Member has been added~

* When putting interest score for a member only accept score range from 0-10.
* Program continuously requests score range from 0-10 until user inputs a score that fits into the score range.

add interest

Input existing Member: Jose

What is the interest topic?: Java

What is the interest score? (0-10): -1

What is the interest score? (0-10): 20

What is the interest score? (0-10): 11

What is the interest score? (0-10): 8

~Interest added to Jose~