CIS 250 Lab 04

No declared private attributes

+ main(args) : void

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| --- |
| Allows the user to execute functions throughout the application. |

+ GetChoice(void) : char {userChoice}

|  |
| --- |
| Gets the userChoice attribute from the user and returns it to the application. |

+ PerformChoice(userChoice, theList) : void

|  |
| --- |
| Initiates one of the available functions depending on the userChoice attribute. |

+ LoadCalender(theList) : void

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| --- |
| Allows the user to load a file if it is found for use in the application. |

+ GetCalenderFile(void) : String {fileName}

|  |
| --- |
| Gets the fileName attribute from the user and returns it to the application. |

+ LoadCalenderInformation(fileName, theList) : void

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| --- |
| Initializes theList to a usable, empty status with a specified capacity and loads entries from a file if it is found while theList is not full. Every entry that is loaded will be added to theList. Attributes include description, dateTime, duration, priority, location, and comment. |

+ SaveCalender(theList) : void

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| --- |
| Allows the user to save all entries currently in theList to a file. |

+ SaveCalenderInformation(fileName, theList) : void

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| --- |
| Saves all entries currently in theList to a file that is based on the fileName attribute. |

+ CreateNewCalender(void) : void

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| --- |
| Allows the user to create a new file for use in the application. |

+ CreateCalender(fileName) : void

|  |
| --- |
| Creates a new file that is based on the fileName attribute for use in the application. |

+ AddEntry(theList) : void

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| --- |
| Allows the user to add a new entry for use in the application if theList is not full. The new entry will be added to theList. |

+ RemoveEntry(theList) : void

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| --- |
| Allows the user to remove an entry already in theList. |

+ GetEntry(void) : String {entry}

|  |
| --- |
| Gets the entry attribute from the user and returns it to the application. |

+ DeleteMatchingEntry(entry, theList) : void

|  |
| --- |
| Searches the descriptions in theList for entry. When entry is found, deletes the corresponding entry. |

+ DisplayEntireCalender(theList) : void

|  |
| --- |
| Display all entries currently in theList. |

+ DisplayOneEntry(theList) : void

|  |
| --- |
| Allows the user to display an entry already in theList. |

+ SearchForMatchingEntry(entry, theList) : void

|  |
| --- |
| Searches the descriptions in theList for entry. |

+ DisplayEntry(theList) : void

|  |
| --- |
| When entry is found, displays the corresponding entry. |

+ DisplayAllEntriesForASpecificDate(theList) : void

|  |
| --- |
| Allows the user to display entries already in theList depending on their dateTime attributes. |

+ GetDate(void) : String {userDate}

|  |
| --- |
| Gets the userDate attribute from the user and returns it to the application. |

+ DisplayMatchingEntries(userDate, theList) : void

|  |
| --- |
| For every entry currently in theList, when the current dateTime is equal to userDate, displays the current entry. |