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CIS 1111

Final Project – Pseudo code

1. Display welcome message
2. Load “database” file(use getline)
   1. Delimited text
   2. Error checking
      1. File exists
      2. General errors
3. Read file in to vector
   1. Use class or struct?
   2. Multidimensional vector/array?
4. Display menu
   1. Search Database
      1. Search Options:
         1. By Title
         2. By Year
         3. By Genre
         4. By Actor
         5. By Rating
         6. By Director
      2. Choice Menu:
         1. Go Back
         2. Movie details
            1. Display details
            2. Choice Menu

Update Movie

Choice Menu

Update Title

Update Year

Update Genre

Update Actors

Update Description

Rate

Delete Movie

* + - 1. Add new Movie
         1. Required Fields

Title

Year

Genre

Short Description

Long Description

* + - * 1. Option Fields:

Rating

Actors

Director

* + - 1. Exit Program

Functions:

1. LoadDatabase – Load delimited file of movies
2. SearchDatabase – Search database for movie. Passed value and search type. May have multiple overrides
3. DisplayMenu – Display Initial choice menu
4. SearchMenu – Displays search option, choice menu
5. AddMovie – Adds movie
6. DeleteMovie – Deletes movie