**Manage Video Inventory**

Do the following while userChoice is not 6

Get Choice

Perform Choice

**Get Choice**

Do the following while userChoice is not 1 and 2 and 3 and 4 and 5 and 6

Display “What would you like to do: Add a video [1], Search for a video [2], Display all

videos [3], Display videos of a specific genre [4], Display videos of a specific rating [5], or Quit [6]? “ to user

Get userChoice from user

**Perform Choice**

When userChoice is 1

Add Video to File

When userChoice is 2

Search for Video from File

When userChoice is 3

Display All Videos from File

When userChoice is 4

Display Videos of Specific Genre from File

When userchoice is 5

Display Videos of Specific Rating from File

**Add Video to File**

Get Video Information

Append Video Information to File

**Get Video Information**

Display “Enter movie name: “ to user

Get movieName from user

Display “Enter movie genre: “ to user

Get movieGenre from user

Display “Enter movie rating: “ to user

Get movieRating from user

Display “Enter movie format: “ to user

Get movieFormat from user

**Append Video Information to File**

Append movieName to file

Append movieGenre to file

Append movieRating to file

Append movieFormat to file

**Search for Video from File**

Get Movie Title

Process Each Video for Title from File

**Get Movie Title**

Display “Enter the name of the movie you are looking for: “ to user

Get searchMovieName from user

**Process Each Video for Title from File**

Do the following for each movie in the movies file

Get Movie Information from File

Display Video Summary

**Get Movie Information from File**

Get fileMovieName from file

Get fileMovieGenre from file

Get fileMovieRating from file

Get fileMovieFormat from file

**Display Video Summary**

When searchMovieName = fileMovieName

Display “Movie Found: “, fileMovieName to user

Display “Movie Genre: “, fileMovieGenre to user

Display “Movie Rating: “, fileMovieRating to user

Display “Movie Format: “, fileMovieFormat to user

**Display All Videos from File**

Display Report Headings

Process Each Video from File

**Display Report Headings**

Display “Movie Name”, “Movie Genre”, “Movie Rating”, “Movie Format” to user

**Process Each Video from File**

Do the following for each movie in the movies file

Get Movie Information from File

Display Summary of All Movies

**Display Summary of All Movies**

Display fileMovieName, fileMovieGenre, fileMovieRating, fileMovieFormat, to user

**Display Videos of Specific Genre from File**

Get Genre

Display Report Headings

Process Each Video for Genre from File

**Get Genre**

Do the following while userMovieGenre is not Romance and Horror and Action and

Science fiction and Documentary

Display “Enter desired movie genre: Romance, Horror, Action, Science fiction, or

Documentary? “ to user

Get userMovieGenre from user

**Process Each Video for Genre from File**

Do the following for each movie in the movies file

Get Movie Information from File

Display Video Information that Matches Genre

**Display Video Information that Matches Genre**

When userMovieGenre = fileMovieGenre

Display fileMovieName, fileMovieGenre, fileMovieRating, fileMovieFormat to user

**Display Videos of Specific Rating from File**

Get Rating

Display Report Headings

Process Each Video for Rating from File

**Get Rating**

Do the following while userMovieRating is not NR and G and PG and PG-13 and R and NC-17

Display “Enter desired movie rating: Not rated [NR], G, PG, PG-13, R, or NC-17? “ to user

Get userMovieRating from user

**Process Each Video for Rating from File**

Do the following for each movie in the movies file

Get Movie Information from File

Display Video Information that Matches Rating

**Display Video Information that Matches Rating**

When userMovieRating = fileMovieRating

Display fileMovieName, fileMovieGenre, fileMovieRating, fileMovieFormat to user