

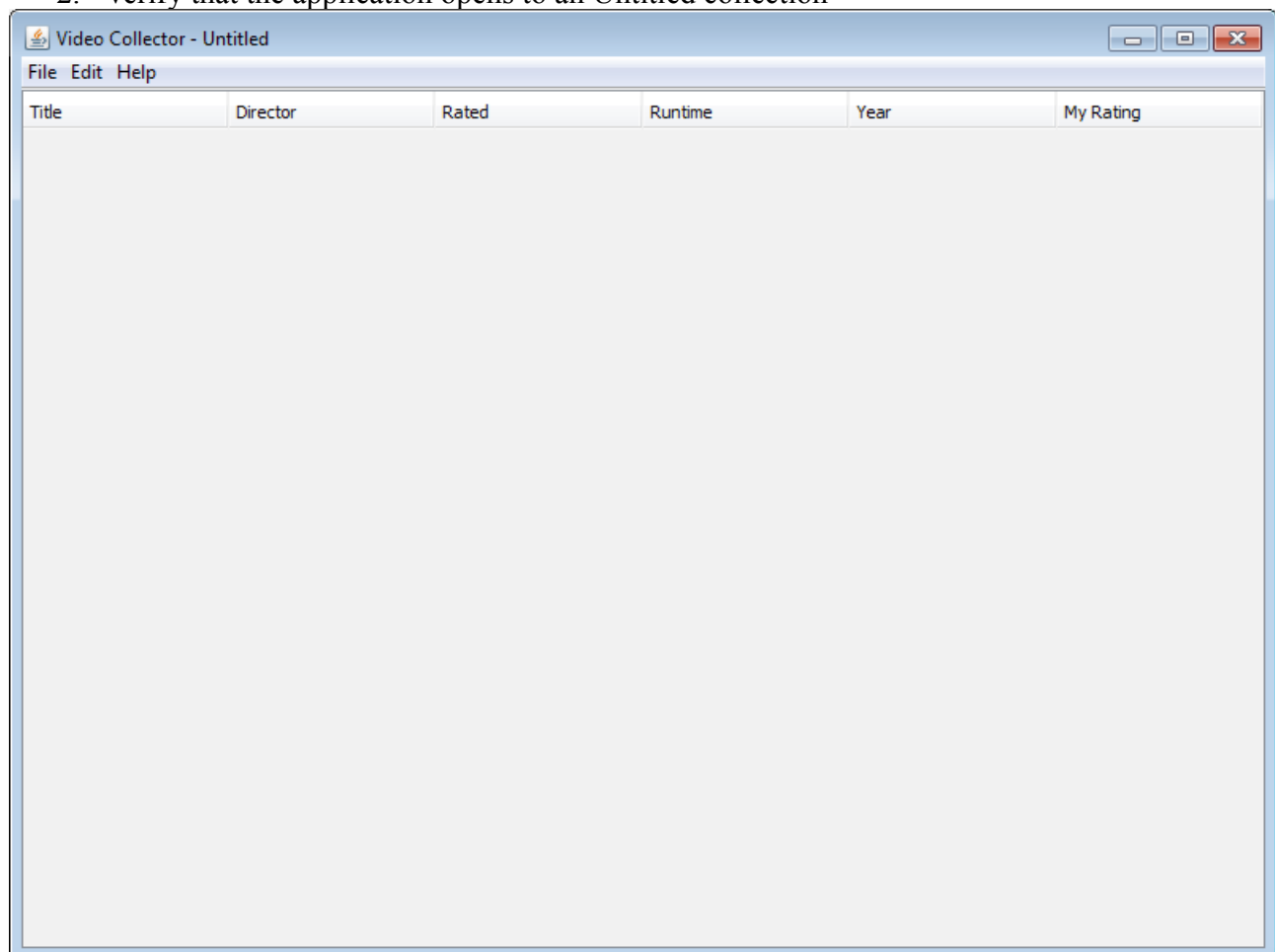
## Acceptance Test Execution: Desktop Video Collection Database with accompanying Android Application

**Students:** *Rudolph Newball, Miles Nosler, Edward Thorne*

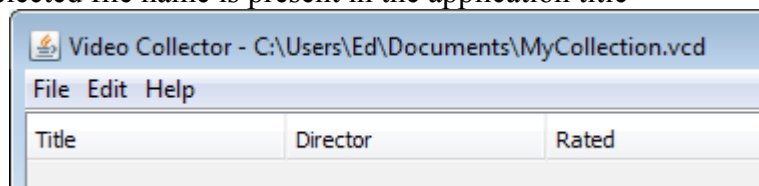
**Use Case:** As a desktop user, I can create a new database.

Acceptance Test:

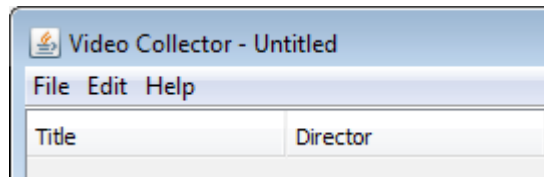
1. Start the application by executing the class edu.txstate.cs4398.vc.desktop.Main
2. Verify that the application opens to an Untitled collection



3. Open an existing collection (File > Open) or save the empty collection (File > Save)
4. Verify the selected file name is present in the application title



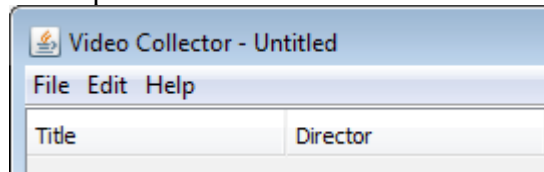
5. Select File > New > Collection
6. Verify that you have a new Untitled collection



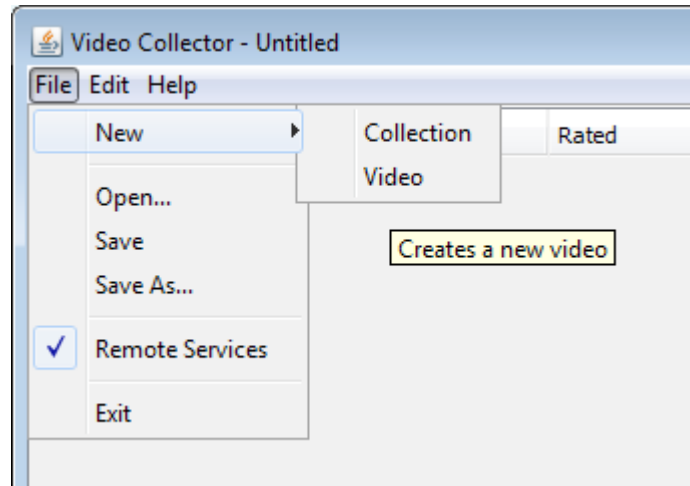
**Use Case: As a desktop user, I can add a video to the database manually.**

Acceptance Test:

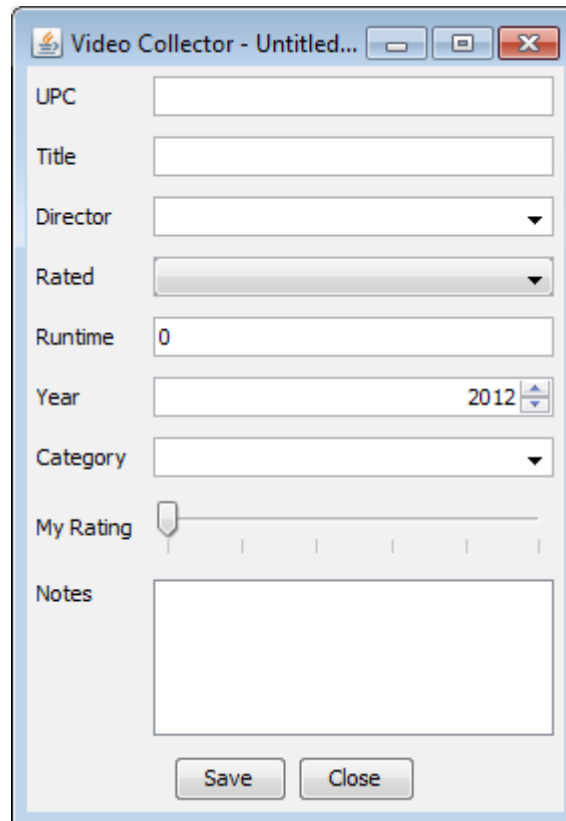
1. Start the application by executing the class edu.txstate.cs4398.vc.desktop.Main
2. Verify that the application opens to an Untitled collection



3. Select File > New > Video



4. Verify that a new window opens for the Untitled Video



Video Collector - Untitled...

UPC

Title

Director

Rated

Runtime

Year

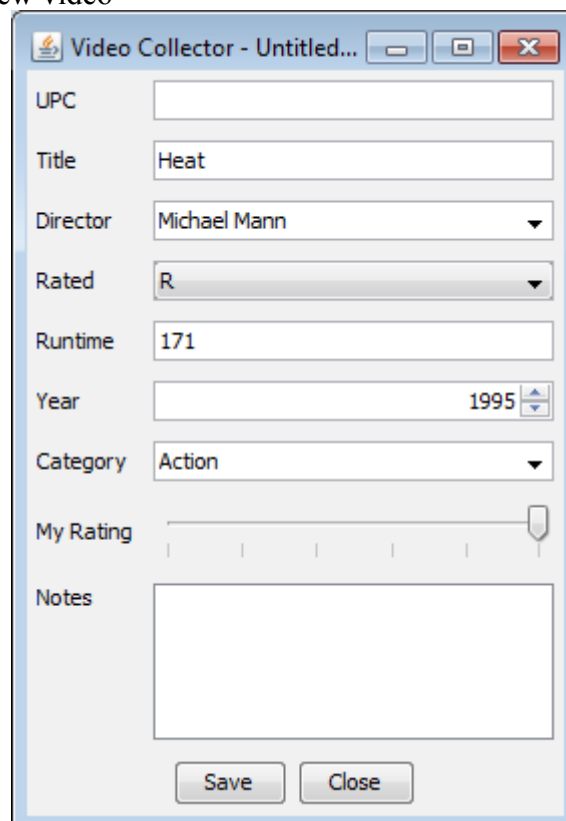
Category

My Rating

Notes

Save Close

5. Enter data for the new video



Video Collector - Untitled...

UPC

Title

Director

Rated

Runtime

Year

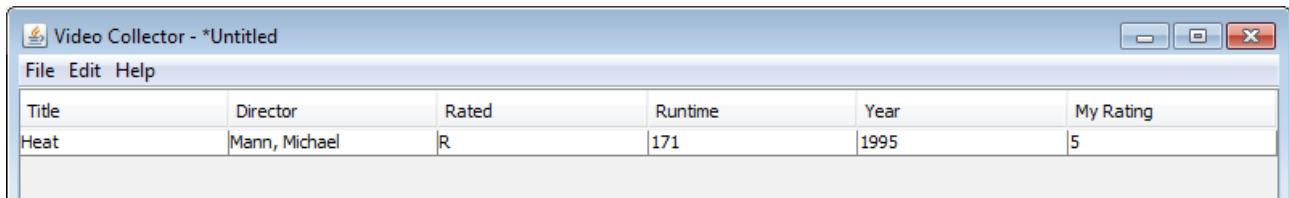
Category

My Rating

Notes

Save Close

6. Click the Save button
7. Verify that the video is added to the main screen's list of videos



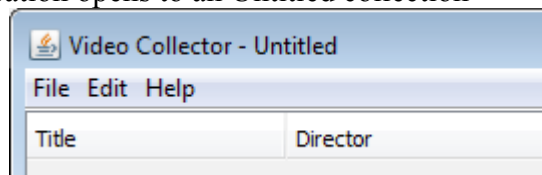
The screenshot shows the 'Video Collector - \*Untitled' window. It has a menu bar with 'File', 'Edit', and 'Help'. Below the menu bar is a table with the following data:

| Title | Director      | Rated | Runtime | Year | My Rating |
|-------|---------------|-------|---------|------|-----------|
| Heat  | Mann, Michael | R     | 171     | 1995 | 5         |

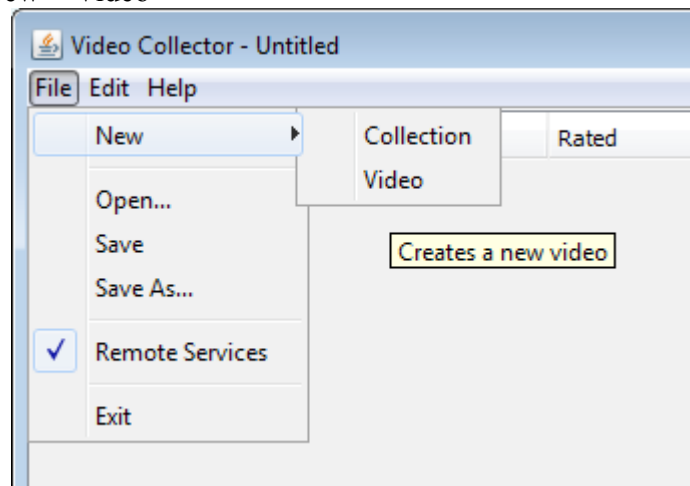
**Use Case: As a desktop user, I can add a video to the database using barcode data.**

Acceptance Test:

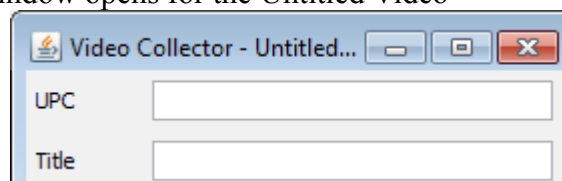
1. Start the application by executing the class edu.txstate.cs4398.vc.desktop.Main
2. Verify that the application opens to an Untitled collection



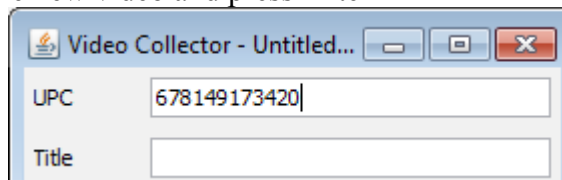
3. Select File > New > Video



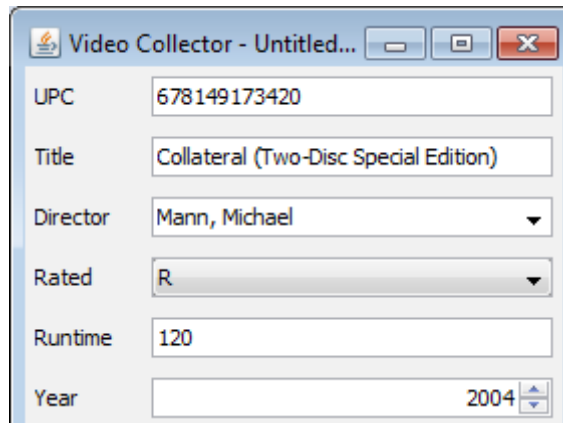
4. Verify that a new window opens for the Untitled Video



5. Enter the UPC for the new video and press Enter



6. Verify that the video is correctly identified and the details for your video are populated



Video Collector - Untitled...

UPC: 678149173420

Title: Collateral (Two-Disc Special Edition)

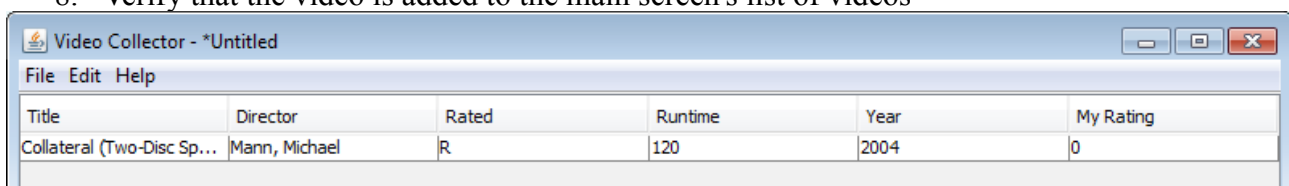
Director: Mann, Michael

Rated: R

Runtime: 120

Year: 2004

7. Click the Save button
8. Verify that the video is added to the main screen's list of videos

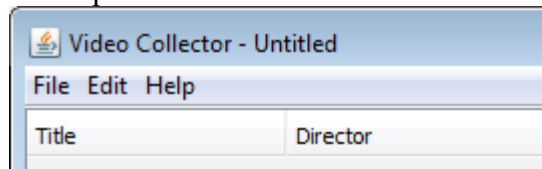


| Title                      | Director      | Rated | Runtime | Year | My Rating |
|----------------------------|---------------|-------|---------|------|-----------|
| Collateral (Two-Disc Sp... | Mann, Michael | R     | 120     | 2004 | 0         |

**Use Case: As a desktop user, I can edit existing video data.**

Acceptance Test:

1. Start the application by executing the class edu.txstate.cs4398.vc.desktop.Main
2. Verify that the application opens to an Untitled collection

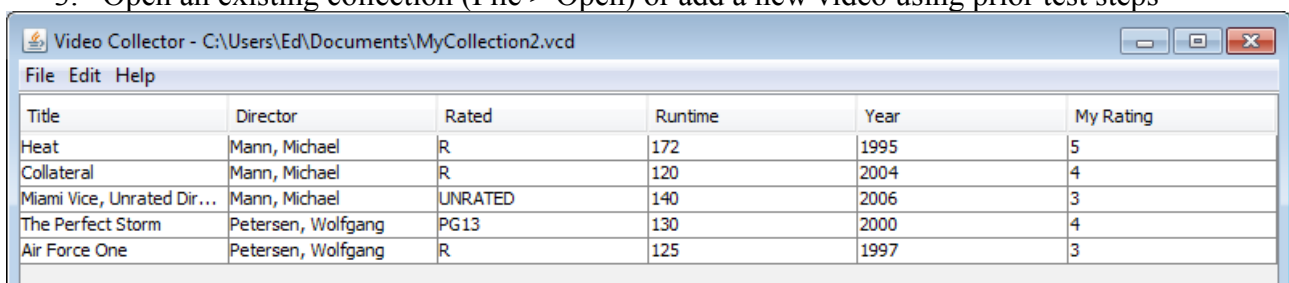


Video Collector - Untitled

File Edit Help

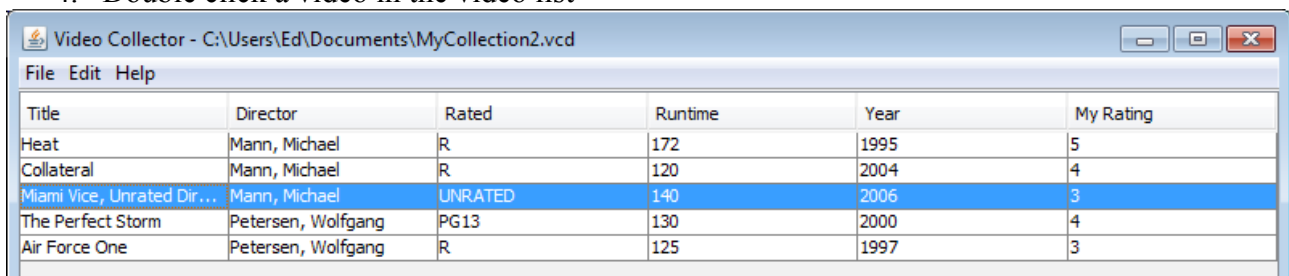
Title: Director:

3. Open an existing collection (File > Open) or add a new video using prior test steps



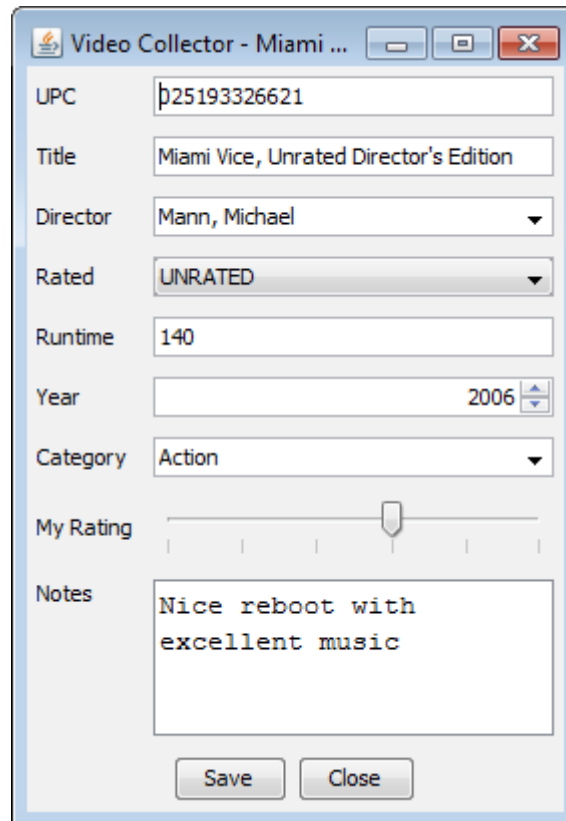
| Title                      | Director           | Rated   | Runtime | Year | My Rating |
|----------------------------|--------------------|---------|---------|------|-----------|
| Heat                       | Mann, Michael      | R       | 172     | 1995 | 5         |
| Collateral                 | Mann, Michael      | R       | 120     | 2004 | 4         |
| Miami Vice, Unrated Dir... | Mann, Michael      | UNRATED | 140     | 2006 | 3         |
| The Perfect Storm          | Petersen, Wolfgang | PG13    | 130     | 2000 | 4         |
| Air Force One              | Petersen, Wolfgang | R       | 125     | 1997 | 3         |

4. Double click a video in the video list



| Title                      | Director           | Rated   | Runtime | Year | My Rating |
|----------------------------|--------------------|---------|---------|------|-----------|
| Heat                       | Mann, Michael      | R       | 172     | 1995 | 5         |
| Collateral                 | Mann, Michael      | R       | 120     | 2004 | 4         |
| Miami Vice, Unrated Dir... | Mann, Michael      | UNRATED | 140     | 2006 | 3         |
| The Perfect Storm          | Petersen, Wolfgang | PG13    | 130     | 2000 | 4         |
| Air Force One              | Petersen, Wolfgang | R       | 125     | 1997 | 3         |

5. Verify that the selected video is opened in a new window



Video Collector - Miami ...

UPC: 025193326621

Title: Miami Vice, Unrated Director's Edition

Director: Mann, Michael

Rated: UNRATED

Runtime: 140

Year: 2006

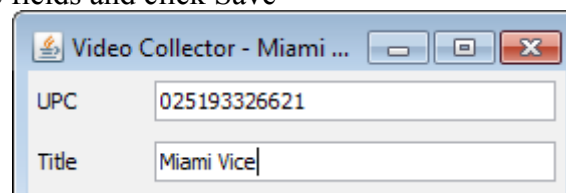
Category: Action

My Rating: [Slider]

Notes: Nice reboot with excellent music

Save Close

6. Modify some of the fields and click Save

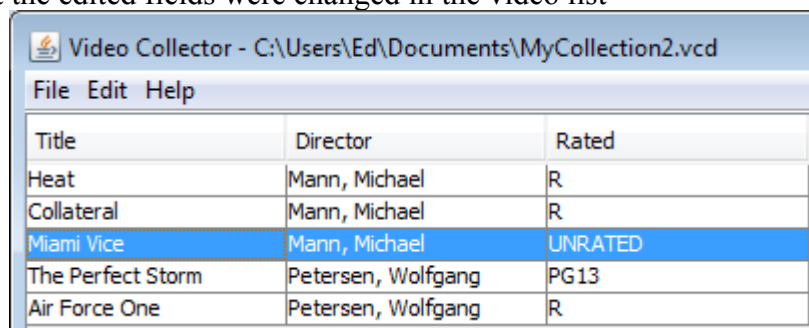


Video Collector - Miami ...

UPC: 025193326621

Title: Miami Vice

7. Verify that the edited fields were changed in the video list



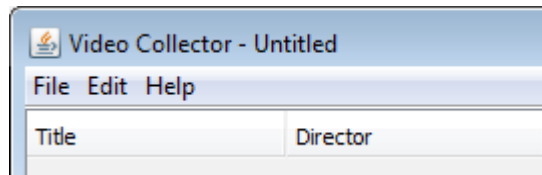
| Title             | Director           | Rated   |
|-------------------|--------------------|---------|
| Heat              | Mann, Michael      | R       |
| Collateral        | Mann, Michael      | R       |
| Miami Vice        | Mann, Michael      | UNRATED |
| The Perfect Storm | Petersen, Wolfgang | PG13    |
| Air Force One     | Petersen, Wolfgang | R       |

8. Verify unlisted fields by double clicking the edited video and viewing the editor

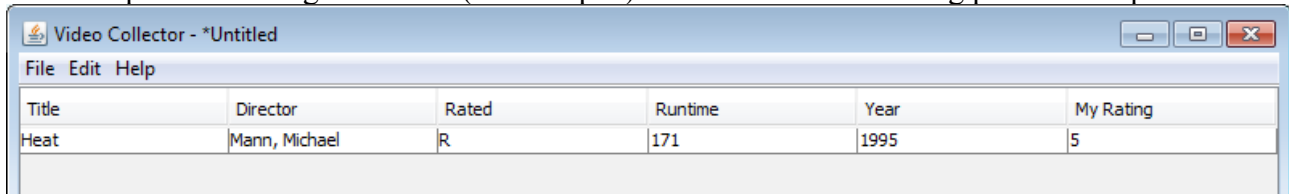
**Use Case: As a desktop user, I can persist my database for storage between sessions.**

Acceptance Test:

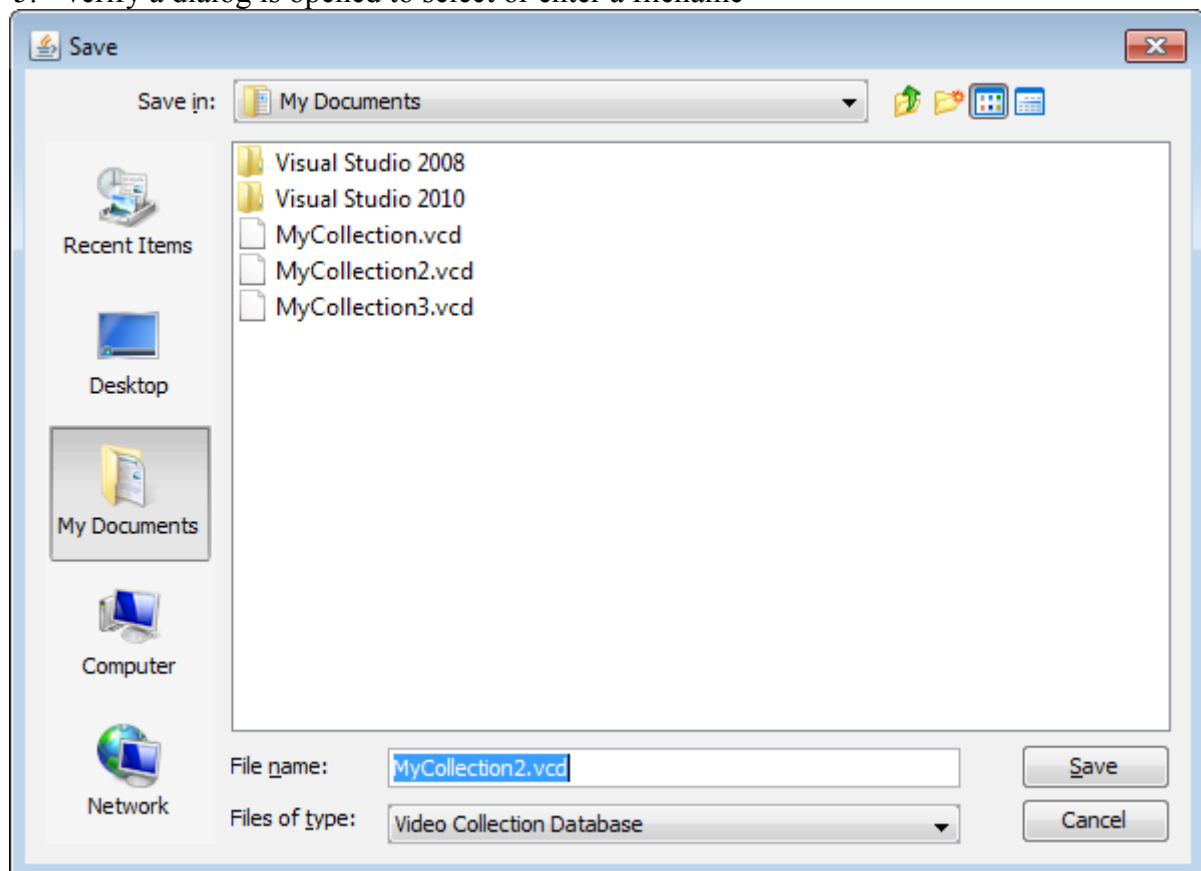
1. Start the application by executing the class edu.txstate.cs4398.vc.desktop.Main
2. Verify that the application opens to an Untitled collection



3. Open an existing collection (File > Open) or add a new video using prior test steps



4. Select File > Save As
5. Verify a dialog is opened to select or enter a filename



6. Select the path and filename to save the collection to and click Save
7. Verify the file was created/updated by checking the file's attributes

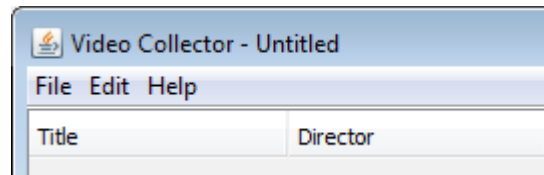
|  |                   |                   |          |
|--|-------------------|-------------------|----------|
|  | MyCollection.vcd  | 8/8/2012 9:35 PM  | VCD File |
|  | MyCollection2.vcd | 8/4/2012 4:06 PM  | VCD File |
|  | MyCollection3.vcd | 8/8/2012 10:04 PM | VCD File |

- 8.

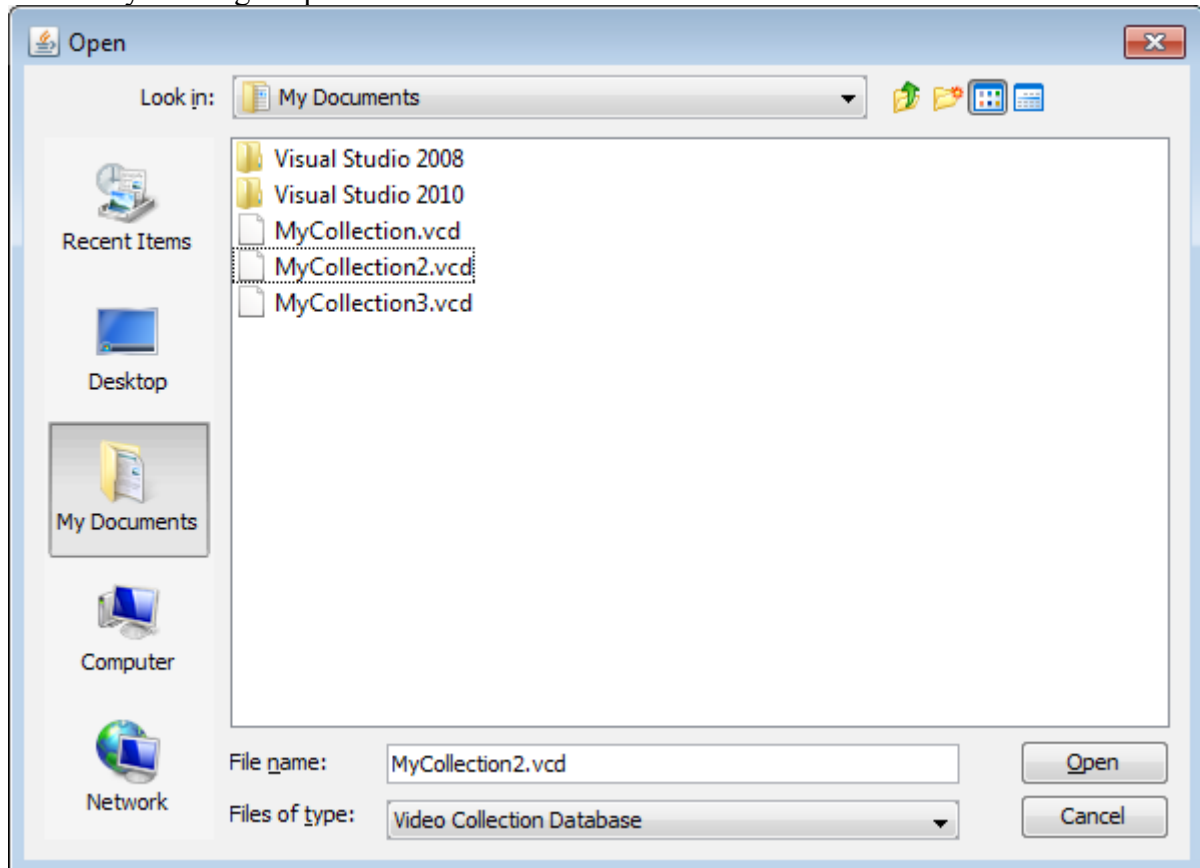
**Use Case: As a desktop user, I can reload an existing database.**

Acceptance Test:

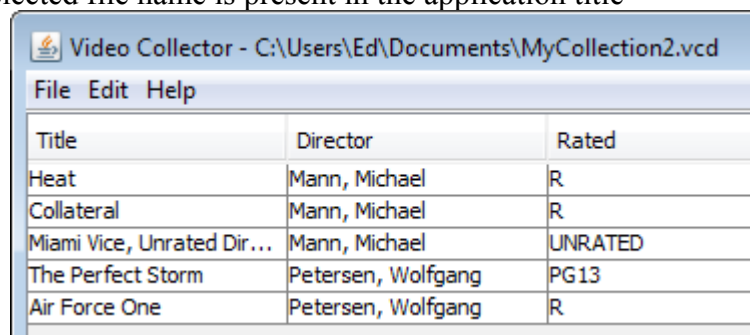
1. Start the application by executing the class edu.txstate.cs4398.vc.desktop.Main
2. Verify that the application opens to an Untitled collection



3. Select File > Open
4. Verify a dialog is opened to select or enter a filename



5. Select an existing video collection database file and click Open
6. Verify the selected file name is present in the application title



7. Verify the expected videos are displayed in the video list

**Use Case: As an Android user, I can connect to my desktop database.**

Acceptance Test:

1. Start the desktop application by executing the class edu.txstate.cs4398.vc.desktop.Main
2. Select File>Remote Services
3. Start the mobile application by selecting Video Collector in the applications folder on device



4. If Android device cannot find desktop:
  1. Verify IP dialog is opened
  2. Enter desktop IP address (found in Help > IP Address on desktop application) or
  3. Select IP Address from drop down list
5. Verify that Android device confirms successful connection to desktop database
6. Verify the Add and Sync button are now enabled

**Use Case: As an Android user, I can add a video to the database manually while connected.**

Acceptance Test:

1. Connect to desktop database by using prior test steps
2. Select Add button
3. Enter UPC code or the video Title in field provided
4. Select Lookup By UPC or Lookup By Title according to the field entered in previous step
5. Verify spinning circle
6. Verify entries
7. Select Add to Collection button
8. Verify new entry added to desktop application

**Use Case: As an Android user, I can add a video to the database by scanning a barcode while connected.**

Acceptance Test:

1. Connect to desktop database by using prior test steps
2. Select Add button
3. Select Scan a Barcode button
4. Verify switch to camera in scanning mode
5. Verify red horizontal line on screen
6. Position red line on bar code behind target video
7. Verify red bar turns to green on successful find
8. Verify video information on screen
9. Select Add to Collection button
10. Verify new entry added to desktop application

**Use Case: As an Android user, I can download my collection for offline viewing.**

Acceptance Test:

1. Connect to desktop database by using prior test steps
2. Select Sync button
3. Verify notification on status of sync
4. Select Browse button
5. Verify video titles in list same as video titles on desktop application
6. Select a video title
7. Verify information regarding video is same information on desktop application