Acceptance Tests: Desktop Video Collection Database with acompanying Android Application

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

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

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

4.   Double click a video in the video list
5.   Verify that the selected video is opened in a new window
6.   Modify some of the fields and click Save
7.   Verify that the edited fields were changed in the video list
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

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 databse 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 succesful 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 en 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. Veify 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. Very video information on screen
9. Selecet 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