

WatchMe: Acceptance Tests

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Document description: Describing the existing acceptance tests for the WatchMe Android application. The tests below are not necessarily directly related to specific user stories: some of the tests might include two or more stories.

View key

Names in current document	Canonical description
Movie list view, list of movies	The main list of movies. The first thing presented to the user on first run. Present in a tab.
Movie details view	The view shown when selecting a single movie. Includes details such as title, date, and more.
Movie details view edit state	Same as above, but with the “edit” toggle set to “on”. Shows and enables form controls for editing movie details.
Add new movie view	The view shown when clicking “Add new movie” button in Movie list view. Includes form controls for filling in movie details.
Tag list view, list of tags	The list of all existing tags in the application. Available in a tab on first screen.

Add a movie to a list

Test ID: T01

Test case description

Adding a movie to a list.

Precondition

Viewing the movie list.

Test steps

Variation 1

1. Press the “Add movie” button
2. The “Add movie” view is shown
3. Input the following:
 - a. Title: “Batman”
 - b. Rating: 3
 - c. Date: 2012-11-20
 - d. Tags: knight, dark
 - e. Note: “Wanna see this with my dad”
4. Press the “Add movie” button

Variation 2

1. Press the “Add movie” button

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2. The “Add movie” view is shown
3. Input the following:
 - a. Title: “Batman”
 - b. Date: 2010-10-10

Expected result

Variation 1

- You are brought back to the list and the movie which was added is viewed as an item of the list, with the details:
 - Title: “Batman”
 - Rating: 3 (shown as a rating bar, 3 stars filled)
 - Time left until entered date (days, months or years - the measurement that is closest)

Variation 2

- Adding a movie with a passed date isn't possible.

Related user story:

- User can add Movie to List
- User should see relative time stamps in movie list view

Auto-completion of movie title search results

Test ID: T02

Test case description

In the “Add new movie” view, the user can fill in the movie's title. While doing so, a dropdown list of search results from IMDb is shown, and the user can pick one suggestion.

Precondition

Internet access is enabled. The IMDb API is up and functional. Is viewing the “Add movie” view.

Test steps

1. Start typing in a movie title in the title field (at least three characters)
2. Pick a suggested movie from the completion dropdown box

Expected results

- The title field is populated with the full title of the selected movie from the dropdown box.

Related user story:

- User can see a dropdown autocomplete box while adding a movie title

Remove movie without tag

Test ID: T03.1

Test case description

Removing a movie from the movie list.

Precondition

There are movie items in the movie list view.

Test steps:

1. Press and hold on a movie item
2. Verify that a dialog with the question “Are you sure you want to remove [title]?” is shown and that two button choices are available.

3. Press "Yes".

Expected results

- Verify that the movie has been removed from the list and that an alert dialog was shown giving information about the deletion.
- The notification for that movie is cancelled.

Related user stories

- User can remove movie from a list
- User can see an alert box when deleting a Movie from the list

Remove movie with Tag

Test ID: T03.2

Test case description

Removing a movie from the movie list.

Precondition

There are movie items in the movie list view, the movie to be deleted has an attached Tag.

Test steps:

Do the same steps as T03.1

Expected results

- Verify that the movie has been removed from the list and that an alert dialog was shown giving information about the deletion.
- The notification for that movie is cancelled.

Variation 1 - No other movie has the same tag

Make sure that the Tag is deleted from the app. You can do this by switching to the Tag tag.

Variation 2 - At least one other movie has the same tag

Make sure that the Tag still exist in the app. You can do this by switching to the Tag tab.

Related user stories

- User can remove movie from a list
- User can see an alert box when deleting a Movie from the list

Info about a single movie

Test ID: T04

Test case description

When viewing details for a single movie, i.e. selected the movie from the list, the user can see the movie info.

Precondition

There are movies in the list to pick from.

Test steps

1. Tap on a movie from the list
2. Verify that the detail view is shown.

Expected results

The view is filled with the following details:

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1. Movie title
2. Release date
3. Rating (if exists)
4. Tags (if exists)
5. Note (if exists)

IMDb info for a single movie

Test ID: T05

Test case description

When viewing details for a single movie, i.e. selected the movie from the list, the user can see additional data from IMDb, such as rating, poster, runtime, etc.

Precondition

The selected movie has been added to the application by the IMDb auto completion feature in the “Add movie” view (see Acceptance Test 2).

Test steps

1. Tap on a movie from the list which has been added from the suggestion dropdown (they are usually identifiable by the movie poster image beside them in the list)
2. Verify that the detail view is shown.

Expected results

The view is filled with the following details (if applicable):

1. Movie poster image
2. Duration
3. IMDb rating
4. Genres
5. Plot
6. Actors

Related user story: “When User views a Movie, IMDb info should load asynchronously in the detail view”

Notification for a movie’s release date

Test ID: T06

Test case description

An Android notification is sent on a movie’s release date.

Precondition

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Test steps

1. Add a movie with a certain date. Pick today’s date for testing.

Expected results

Verify that a notification is available in the Android notification view, with the title of the movie.

Related user story: User gets Notification on a Movie's release date

Click a notification to view the movie details

Test ID: T07

Test case description

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When clicking a notification, you would like to view the details of that movie.

Precondition

A movie has been added with a date, and a notification is shown in the Android notification view. The app is not viewable, i.e. the Android home view is shown.

Test steps

1. Tap the notification

Expected results

Verify that the system is launching the application with the movie detail view, which is filled with data from the movie from the notification (see Acceptance Test 4 and 5).

Related user story: When User clicks on notification for a Movie, the detail activity for that Movie should be launched

View a list of tags

Test ID: T08

Test case description

Viewing a list of all the tags that has been added to the application.

Precondition

You're in the "movie list"-view.

Test steps

1. Add a movie with a tag called "Action".
2. Add a another movie with a tag called "Drama".
3. Tap the "Tags" tab.

Expected result

A list of all the tags that has been added, "Action" and "Drama", is added.

Related user stories: User can see a list of Tags, User can switch between two tabs with Movies and Tags.

Add tag to an existing movie

Test ID: T09

Test case description

By adding a tag to a movie's tag field and then saving the state results in that tag being added (attached) to that movie.

Precondition

Viewing a movie's "Details" view in edit mode (toggled Edit button in action bar)

Test steps

1. Add a tag to the tag field by adding the tag's title in Tag field
2. Click the "Save" button

Expected result

The added tag has been added to the movie. Verify by returning to MainActivity and then viewing the same movie's Detail view. The new tag is visible in the tag field.

Related user stories: User can add Tags to an existing Movie, User can view details about a single movie

Remove tag from an existing movie

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Test ID: T10

Test case description

By deleting a tag from a movie's tag field and then saving the state results in that tag being removed (detached) from that movie.

Precondition

Viewing a movie's "Detail" view in edit mode (toggled edit-button in action bar)

Test steps

1. Remove a tag from the tag field by erasing the tag text
2. Click the "Save" button

Expected result

The deleted tag has been removed from the movie. Verify by returning to MainActivity and then entering the same movie's "Detail" view. The removed tag is not visible in the tag field.

Related user stories: User can remove Tags from an existing Movie, User can view details about a single Movie

Edit an existing movie's rating

Test ID: T11

Test case description

By first pressing the "Rating Bar" in a movie's "Detail" view and then pressing the "Save" button, that movie's rating is changed.

Precondition

Viewing a movie's "Detail" view in edit mode (toggled edit-button in action bar)

Test steps

1. Press the "Rating Bar" to set a new rating
2. Click the "Save" button

Expected result

The changed rating has been updated. Verify by returning to MainActivity and then entering the same movie's "Detail" view. The new rating is shown.

Related user stories: User can edit a Movie's rating, User can view details about a single Movie

Edit an existing movie's release date

Test ID: T12

Test case description

By pressing the "Pick" button a "Date Picker" is shown. By choosing a new date, exiting the "Date Picker" and clicking the "Save" button a new release date is saved.

Precondition

Viewing a movie's "Detail" view in edit mode (toggled edit-button in action bar)

Test steps

Variation 1

1. Press the "Pick" button to show the "Date Picker"
2. Change the date to today or the future by scrolling the spinners
3. Press the "Done" button
4. Click the "Save" button

Variation 2

1. Press the "Pick" button to show the "Date Picker"

2. Try to change the date to one that has already passed

Expected result

Variation 1

The new release date has been saved. Verify by returning to MainActivity and then entering the same movie's "Detail" view. The release date is shown.

Variation 2

It is not possible to set a passed date in the datepicker.

Related user stories: User can edit a Movie's date, User can view details about a single Movie

Edit an existing movie's note

Test ID: T13

Test case description

By editing a movie's "Note" field and then saving the state results in the new note replacing the old one.

Precondition

Viewing a movie's "Detail" view in edit mode (toggled edit-button in action bar)

Test steps

1. Edit a note by editing the text in the "Note" field
2. Click the "Save" button

Expected result

The new note has replaced the old one. Verify by returning to MainActivity and then entering the same movie's "Detail" view. The new note is visible in the "Note" field.

Related user stories: User can edit a Movie's note, User can view details about a single Movie

View a list of movies with a specific tag

Test ID: T14

Test case description

Pressing a tag in the "Tags" view is bringing you to a new view where a list of the movies containing that tag is displayed.

Precondition

Viewing the movie list view.

Test steps

1. Add a movie with the title "Batman" and the tag "Action".
2. Add a movie with the title "Die Hard" and the tag "Action".
3. Add a movie with the title "Dead Poets Society" and the tag "Drama".
4. Press the "tags"-tab.
5. Press the tag "Action".

Expected result

A new view is shown. A list with the movies "Batman" and "Die Hard" is displayed.

Related user stories: When selecting a Tag from the tag list, the User should see all Movies with that Tag

Remove a tag from the application

Test ID: T15

Test case description

Removing a tag from all the movies that contains it.

Precondition

You're in the "movie list"-view.

Test steps

1. Add a movie with the title "Batman" and the tag "Action".
2. Add a movie with the title "Die Hard" and the tag "Action".
3. Press the "Tags"-tab.
4. Press the tag "Action" and hold it for about two seconds.
5. Verify that a dialog with the question "Are you sure you want to remove [title]?" is shown and that two button choices are available.
6. Press "Yes".
7. Return to "movie list"-view by pressing "Movies"-tab.
8. Press the movie "Batman".

Expected result

In the movies details view under the "Tags" section, the tag "Action" is no longer displayed.

Related user stories: User can remove Tag from App.

Send e-mail with complete list of movies

Test ID: T16

Test case description

The application can send the list of movies in text format to an e-mail address for sharing or for backup.

Precondition

There are movies in the main movie list (= there is a "Share list" button showing).

Test steps

1. Click the "Share list" button in the Action bar

Expected result

A messaging view is shown. The body content includes the complete list of existing movies, shown with titles and release dates.

Related user story: User can e-mail list of Movies

View movie poster in full screen

Test ID: T17

Test case description

For a movie with a poster image, it is possible to view it in larger format.

Precondition

Have at least one movie added through choosing a suggestion from the auto complete box (this ensures that the movie has fetched data from IMDb).

Test steps

1. Select the movie from the list
2. When viewing the movie details, tap the poster image to the upper left

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3. Tap on the screen to close the full screen overlay

Expected result

- The movie's poster is shown in full screen
- An alert is shown giving information about how the full screen overlay is closed.

Related user story: User can view Movie poster in full screen mode

Sort movies in list

Test ID: T18

Test case description

It is possible to sort the main movie list from a dialog box, by Title, Rating or Date.

Precondition

Have at least two movies in the list with different titles, ratings and dates

Test steps

1. Press the "Sort" button
2. In the dialog, choose an option

Expected result

- The movie list is sorted in descending order and updated according to the chosen option
- The next time the "Sort" button is pressed, the sorting option is selected in the dialog

Related user story: User can sort List of Movies

Search for a movie by text input

Test ID: T19

Test case description

It is possible to filter out movies to only show those with titles matching a search string.

Precondition

Have at least three movies in the list with different titles, two of them matching at least two successive letters. Viewing the Main activity.

Test steps

1. Press the search icon in Action Bar
2. Write the two matching letters (described in precondition)
3. Press the execute button

Expected result

- The two matching movies are shown
- The one movie that didn't match the search letters is not visible

Related user story: User can search for a movie in the list

View movie page on IMDb.com

Test ID: T20

Test case description

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Click a button in the movie details view in order to open up an Android browser to view that movie's IMDb page.

Precondition

Viewing a movie which was added with the IMDb auto-complete dropdown.

Test steps

1. Click the "View on IMDb" button

Expected result

- An Android web browser is opened, and shows the page for the chosen movie

Related user story: User should be able to go to the IMDB-site for a Movie from that Movie's view

Adding a movie with the same title as existing movie

Test ID: T21

Test case description

Movies with the same title must not exist.

Precondition

There is at least one movie added to the movie list.

Test steps

1. Click on "Add movie" button in Action bar
2. Input the exact title as another existing movie
3. Click on the "Add movie" button

Expected result

- An alert box is shown, notifying about that another movie has the same title

Related user story: When a user tries to add a movie twice, the user should get this information

Date text in movie list should change color dynamically

Test ID: T22

Test case description

When a movie's release date is closing in, the date field of that movie in the list should change to red.

Precondition

-

Test steps

1. Add a movie with release date "20 december 2012"
2. Add another movie with the release date set to the current date

Expected result

- In the movie list, verify that the two added movies' date labels have different colors. The movie with the current day should have red text, while the other should have plain gray

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Related user story:

Movie date field in list changes color depending on release date

User story	@ Acceptance test (embedded)
Sprint #1	
User can add movie	T01
User can set title	(T01)
User can view list of movies	(T01)(T14)
User can remove movie from list	T03.1-T03.2
User can add movie to database	(T01)
User can remove movie from database	(T03.1-T03.2)
User can see list of movies from database	(T01)(T14)
Sprint #2	
User should see an alert box when deleting a movie from the list	(T03.1-T03.2)
User gets notification on a movie's release date	T06
User can set note	(T01)
User can set date	(T01)
User can see a dropdown autocompletebox while adding a movie title	T02
Sprint #3	
User can switch between two tabs with movies and tags	T08
User can add tags to a movie	(T01)
User can set rating on a movie	(T01)
Sprint #4	
User can see a list of tags	T08
User can view movie poster in full screen mode	T17
User can see a movie's picture, date and rating in the list view	(T01)
User can view details about a single movie	T04, T05
When selecting a tag from the tag list , the user should see all movies with that tag	T14
User can sort list of movies	T18
user can edit a movie's date	T12
User can edit a movie's note	T13
User can edit a movie's rating	T11
User can remove tag from app	T15
When user views a movie, imdb info should load asynchronously in the detailview	T05
User can remove tags from an existing movie	T10
User can add tags to an existing movie	T08
When user clicks on notification for a movie, the detail activity for that movie should be launched	T07

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User can e-mail list of movies	T16
Sprint #5	
User should be able to go to the IMDB-site for a Movie from that Movie's view	T20
User can search for a movie in the list	T19
When a user tries to add a movie twice, the user should get this information	T21
User should see relative time stamps in movie list view	T01
Movie date field in list changes color depending on release date	T22