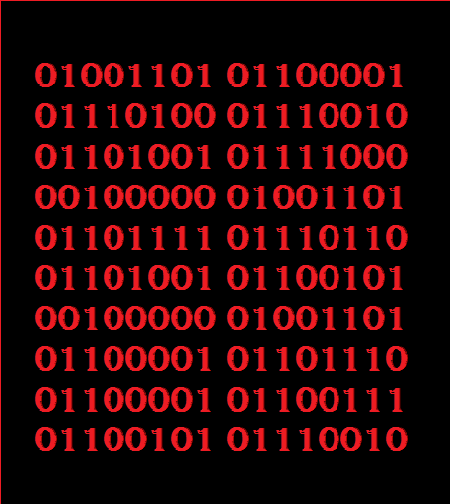
Matrix Movie Manager



Release: .01

Version: 1.0

Date: 10/21/2016

Analyst: Ryan Williams

Email: [ryan.williams@oit.edu](mailto:ryan.williams@oit.edu)

# Signatory Page

This document is accepted by:

Signature (Calvin Caldwell) Date

This document is submitted by:

Signature (Ryan Williams) Date

# Revision History

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Author | Company | Version | Date | Filename | Comments |
| Ryan Williams | Matrix | 1.0 | 10/21/2016 | Senior Project Object model | Initial Draft for 10/21/2016 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

# Table of contents

Contents

[1. Signatory Page 2](#_Toc464763184)

[2. Revision History 3](#_Toc464763185)

[3. Table of contents 4](#_Toc464763186)

[4. Context Diagram 5](#_Toc464763187)

[5. Use case Catalog 5](#_Toc464763188)

[6. Actor Catalog 6](#_Toc464763189)

[7. Features Verification Matrix 6](#_Toc464763190)

[8. Use case specifications 6](#_Toc464763191)

[8.1. Viewing Catalog 6](#_Toc464763192)

[8.2 Searching Catalog 8](#_Toc464763193)

[8.3 Do I have this button 10](#_Toc464763194)

[8.4 Search Button 12](#_Toc464763195)

[8.5 Search for a new movie 13](#_Toc464763196)

[8.6 Suggest a movie 15](#_Toc464763197)

[8.7 Viewing Paths 17](#_Toc464763198)

[8.8 Adding a Path 19](#_Toc464763199)

[8.9 Removing a path 22](#_Toc464763200)

[8.10 Change allowed file types 24](#_Toc464763201)

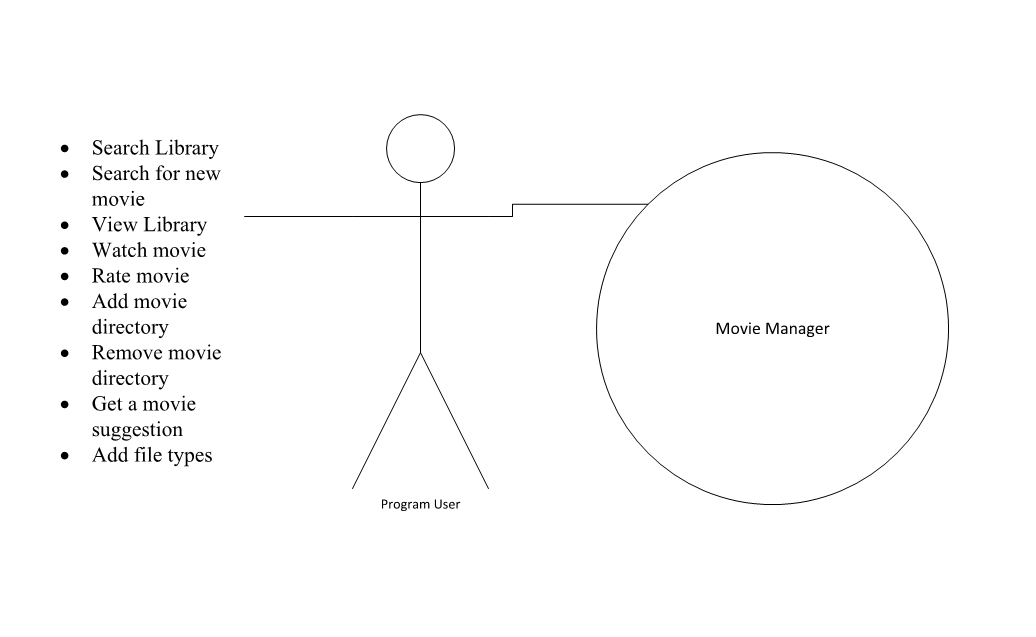
[9. CURD matrix 26](#_Toc464763202)

[10. Low Fidelity UI 26](#_Toc464763203)

[11. Appendix A 27](#_Toc464763204)

[11.1 Business Rules 27](#_Toc464763205)

# Context Diagram



# Use case Catalog

|  |  |  |
| --- | --- | --- |
| Use case ID | Use case name | Description |
| 1 | Viewing Catalog | User views the catalog of local movies |
| 2 | Searching Catalog | User searches the catalog of local movies |
| 3 | Do I have this button | User checks to see if a movie is in the local catalog |
| 4 | Search for a movie | User searches for a specific movie |
| 5 | Search for a new movie | User searches for a new movie not in the local catalog |
| 6 | Suggest a movie | System suggests a movie for the user to watch |
| 7 | Viewing paths | User views the file paths for searching for movies |
| 8 | Adding a Path | User adds a viewable path for movies to be searched for |
| 9 | Removing a path | User removes a path that is used to search for movie files |
| 10 | Change allowed file types | User changes what movie file types are searched for |
| 11 | Watch movie form Catalog | User selects a movie to view from a catalog |

# Actor Catalog

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| User | Person | Actor that preforms every action |
| System | System | System that preforms backend actions |

# Features Verification Matrix

|  |  |  |
| --- | --- | --- |
| Feature # | Use Case # | Use case name |
| 1 | 1, 2, 3,11 | View Catalog, Search catalog, Search for a movie |
| 2 | 6 | Suggest a movie |
| 3 | 1, 2 | View Catalog, Search catalog |
| 4 | 4, 5 | Search for a new movie, Search for a new movie |
| 5 | 3 | Do I have this button |
| 6 | 7, 8, 9, 10 | Viewing paths, Adding a Path, Removing a path, Change allowed file types |

# Use case specifications

## Viewing Catalog

|  |  |
| --- | --- |
| General Information | |
| Use Case Number : 1  Use Case Name : Viewing Catalog  Subject Area : Catalog  Description : User wants to view the catalog of movies | Responsible Analyst : Ryan Williams |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 1 a | There will be a catalog style interface |
|  |  |
|  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Williams | 10/7/2016 | First draft |
| Williams | 10/12/2016 | Revision |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| **N/A** |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| User | Person | Preforms every action |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Program is open at any window |

|  |
| --- |
| **Start Stimulus** |
| User clicks the view catalog button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | User clicks the view catalog button |  |  |
| 2 | System populates view |  |  |
| 3 | User selects no sorting criteria |  |  |
| 4 | User selects no search |  |  |
| 5 | User can hoover to view brief description |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Load failure | Display Error message, Ask to check folder locations |  |

|  |  |
| --- | --- |
| Post-Conditions | |
| **#** | **Description** |
| 1 | Main view is at the catalog screen |
| 2 | User then views the movie |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Movie | Data container class for the movie | Name, Runtime, Actors… |
| MovieCatlalog | Visual display of data | Cover image, Movie |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | English speaking and reading user | 10/7/16 | Williams |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Duplicates and Remakes | 10/7/16 |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| Williams | Movies should have direct buttons for playing when hoovering over it | 10/7/16 |
| Williams | If the description is too long it should have the ability to scroll | 10/7/16 |

|  |
| --- |
| Frequency of Execution |
| **Frequency:**  Minimum: 5 Maximum: 10 Average: 7 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 1/2 |  | seconds |  | 2 | 10 | Don’t want the user to wait too long |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 2 | megabytes |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## 8.2 Searching Catalog

|  |  |
| --- | --- |
| General Information | |
| Use Case Number : 2  Use Case Name : Search for a movie (Catalog search)  Subject Area : Catalog  Description : User is searching for a movie in the catalog | Responsible Analyst : Williams |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 1 b, c | Movies will be selectable and searchable |
| 3 | There will be a previously viewed sorting option |
|  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Williams | 10/12/2016 | Created usecase |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| **N/A** |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| User | Person | Preforms every action |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Program is in catalog view |

|  |
| --- |
| **Start Stimulus** |
| User enters content into the search bar |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | User enters name of a movie |  |  |
| 2 | System Filters content |  | 1 |
| 3 | User selects no sorting |  |  |
| 4 | System displays new view of catalog |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Load Failure | Display Error message, Ask to check folder locations |  |

|  |  |
| --- | --- |
| Post-Conditions | |
| **#** | **Description** |
| 1 | Main view is at the catalog screen |
| 2 | User then views a movie |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Movie | Data container for movies | Name, Runtime, Actors… |
| MovieCatalog | Visual display of movies | Cover image, Movie |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | English speaking and reading user | 10/12/16 | Williams |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Duplicates and remakes | 10/12/16 | Williams |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
|  |  |  |
|  |  |  |

|  |
| --- |
| Frequency of Execution |
| **Frequency:**  Minimum: 10 Maximum: 250 Average: 30 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 2/4 |  | Seconds |  | 2 | 5 | Don’t want a long wait time |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 4 | megabytes |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## 8.3 Do I have this button

|  |  |
| --- | --- |
| General Information | |
| Use Case Number : 3  Use Case Name : Do I have it  Subject Area : Do I have it button  Description : User clicks a button and enters a name of a movie they want to search for in their local catalog | Responsible Analyst : Williams |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 5 | User will be able to quick search through local catalog to find out if a movie is owned |
| 1 c | Movies will be searchable |
|  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Williams | 10/18/16 | Initial creation |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| User | Person | Does all the actions in the program |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Program is running |

|  |
| --- |
| **Start Stimulus** |
| User clicks do I have this button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Clicks Do I Have this button |  |  |
| 2 | System generates page with search |  |  |
| 3 | User enters title of a movie in search |  |  |
| 4 | System searches catalog, displays Yes or no if movie by that title is owned |  |  |
| 5 | User reads answer |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Multiple found | Report there are multiple by that name |  |

|  |  |
| --- | --- |
| Post-Conditions | |
| **#** | **Description** |
| 1 | System waits for user next input |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Manager | Data item that contains a list of movies in the catalog | Name, Rating, Actors |
| Do I have this page | Page for interacting with this action | Search buttons |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | That there are movies in the catalog | 10/18/16 | Williams |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| n/a |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| n/a |  |  |
|  |  |  |

|  |
| --- |
| Frequency of Execution |
| **Frequency:**  Minimum: 2 Maximum: 150 Average: 5 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 |  | 4 | sec |  |  | 3 | Don’t want them to wait too long |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| n/a |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## 8.4 Search Button

|  |  |
| --- | --- |
| General Information | |
| Use Case Number : 4  Use Case Name : Search for a specific movie  Subject Area : Search button  Description : User clicks a button and enters the content that they want to base a search off of | Responsible Analyst : Williams |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 4 | User will be able to search for information about new or unowned titles using the OMDb api |
|  |  |
|  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Williams | 10/18/16 | Initial creation |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| User | Person | Does all the actions in the program |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Program is running |

|  |
| --- |
| **Start Stimulus** |
| User clicks search button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Clicks Search button |  |  |
| 2 | System generates page with search criteria |  | 1 |
| 3 | User enters movie information for search |  | 1 |
| 4 | System searches catalog, displays filtered catalog of matching movies |  |  |
| 5 | User views filtered catalog |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| No matches | Report there are no matches |  |

|  |  |
| --- | --- |
| Post-Conditions | |
| **#** | **Description** |
| 1 | System displays a filtered catalog for user to view |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| MovieCatalog | Data item that contains a list of movies in the catalog | Name, Rating, Actors |
| Movie | Data for a single movie | Name, Actor, Rating |
| Manager | Container for the Catalogs data | MovieList, Movie |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | That there are movies in the catalog | 10/18/16 | Williams |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| n/a |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| n/a |  |  |
|  |  |  |

|  |
| --- |
| Frequency of Execution |
| **Frequency:**  Minimum: 2 Maximum: 150 Average: 5 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 |  | 4 | sec |  |  | 3 | Don’t want them to wait too long |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| n/a |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## 8.5 Search for a new movie

|  |  |
| --- | --- |
| General Information | |
| Use Case Number : 5  Use Case Name : Search for a new movie  Subject Area : Search new movie button  Description : User clicks a button and enters the content that they want to base a search for | Responsible Analyst : Williams |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 5 | Search for a new movie, Search for a new movie |
|  |  |
|  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Williams | 10/18/16 | Initial creation |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| User | Person | Does all the actions in the program |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Program is running |

|  |
| --- |
| **Start Stimulus** |
| User clicks search new movie button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Clicks Search new movie button |  |  |
| 2 | System generates page linked to IMDB |  |  |
| 3 | User uses external browser to search for a movie |  | 2 |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| No internet connection | Report there are no internet connection and it could not launch the page |  |

|  |  |
| --- | --- |
| Post-Conditions | |
| **#** | **Description** |
| 1 | User is browsing on an external browser |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Movie | Container for a movie object | Title, Actors, Genre… |
| SearchPage | Front end for the search section | Search button, Context |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | User has a browser installed on their computer | 10/18/16 | Williams |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| n/a |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| n/a |  |  |
|  |  |  |

|  |
| --- |
| Frequency of Execution |
| **Frequency:**  Minimum: 2 Maximum: 150 Average: 5 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 |  | 2 | sec |  |  | 3 | Don’t want them to wait too long |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| n/a |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |

## 8.6 Suggest a movie

|  |  |
| --- | --- |
| General Information | |
| Use Case Number : 6  Use Case Name : Suggest a Movie  Subject Area : Movie suggestions  Description : System uses records to suggest a movie for the user that is currently available in the library | Responsible Analyst : Williams |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 2 | There will be a suggest a Movie feature |
|  |  |
|  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Williams | 10/19/16 |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| **N/A** |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| User | Person | Person that does all actions |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Program is running and the record file is loaded |

|  |
| --- |
| **Start Stimulus** |
| Program is waiting for input |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | User clicks suggest a movie |  |  |
| 2 | System displays recommended movies |  | 3 |
| 3 | User views movie options |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Can’t load movies | Report a error saying to check file paths and folders |  |

|  |  |
| --- | --- |
| Post-Conditions | |
| **#** | **Description** |
| 1 | User is viewing movies |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Movies | Container for content of a movie | Title, Actor |
| MoviesCatalog | Container that is the display info for the movies | Poster, Manager |
| Manager | Container that contains all the data of the catalog | MovieList, APICall |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | There are movies in the catalog | 10/19/16 | Williams |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| N/A |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| Williams | If the log file is empty, it will select a random movie from the catalog | 10/19/16 |
|  |  |  |

|  |
| --- |
| Frequency of Execution |
| **Frequency:**  Minimum: 5 Maximum: 100 Average: 50 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 |  | 2 | sec |  |  | 5 | Don’t want them to wait |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| n/a |  |  |  |  |  |  |
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## 8.7 Viewing Paths

|  |  |
| --- | --- |
| General Information | |
| Use Case Number : 7  Use Case Name : View paths  Subject Area : Settings  Description : View the paths that are being searched from movies | Responsible Analyst : Williams |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 6 | User will be able to define locations of local collection folders |
|  |  |
|  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Williams | 10/19/16 |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| User | Person | Person that does all actions |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Program is running and the record file is loaded |

|  |
| --- |
| **Start Stimulus** |
| Program is viewing the welcome page |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | User clicks settings |  |  |
| 2 | System displays settings page |  |  |
| 3 | User sees a list of accessed paths |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Can’t load path list | Report a error saying to check file paths and folders |  |

|  |  |
| --- | --- |
| Post-Conditions | |
| **#** | **Description** |
| 1 | User is viewing paths and settings |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Log File | File that records the settings and usage of the program | xml |
| SettingsPage | Settings used by the program | Path list, file types |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | There are paths in use | 10/19/16 | Williams |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| N/A |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| Williams | If the log file is empty, it will set to default settings | 10/19/16 |
|  |  |  |

|  |
| --- |
| Frequency of Execution |
| **Frequency:**  Minimum: 5 Maximum: 100 Average: 50 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 |  | 2 | sec |  |  | 5 | Don’t want them to wait |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| n/a |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## 8.8 Adding a Path

|  |  |
| --- | --- |
| General Information | |
| Use Case Number : 8  Use Case Name : Add Path loactions  Subject Area : Settings  Description : Add a path that are being searched from movies | Responsible Analyst : Williams |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 6 | User will be able to define locations of local collection folders |
|  |  |
|  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Williams | 10/19/16 |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| Viewing paths | 7 | 3 |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| User | Person | Person that does all actions |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Program is running and the record file is loaded |

|  |
| --- |
| **Start Stimulus** |
| Program is waiting for input |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | User clicks add button |  |  |
| 2 | System displays file explorer |  |  |
| 3 | User navigates to desired path |  |  |
| 4 | System adds path to the list |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Can’t load path list | Report an error saying to check file paths and folders |  |

|  |  |
| --- | --- |
| Post-Conditions | |
| **#** | **Description** |
| 1 | User is viewing paths and settings |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Log File | File that records the settings and usage of the program | xml |
| Settingspage | Settings used by the program | Path list, file types |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | There are paths in use | 10/19/16 | Williams |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| N/A |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| Williams | If the log file is empty, it will set to default settings | 10/19/16 |
|  |  |  |

|  |
| --- |
| Frequency of Execution |
| **Frequency:**  Minimum: 5 Maximum: 100 Average: 50 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 |  | 2 | sec |  |  | 5 | Don’t want them to wait |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| n/a |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## 8.9 Removing a path

|  |  |
| --- | --- |
| General Information | |
| Use Case Number : 9  Use Case Name : Removing a Path location  Subject Area : Settings  Description : remove a path that are being searched from movies | Responsible Analyst : Williams |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 6 | User will be able to define locations of local collection folders |
|  |  |
|  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Williams | 10/19/16 |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| Viewing paths | 7 | 3 |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| User | Person | Person that does all actions |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Program is running and the record file is loaded |

|  |
| --- |
| **Start Stimulus** |
| Program is waiting for input |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | User clicks minus button next to path |  |  |
| 4 | System removes path from the list and updates |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Can’t load path list | Report an error saying to check file paths and folders |  |

|  |  |
| --- | --- |
| Post-Conditions | |
| **#** | **Description** |
| 1 | User is viewing paths and settings |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Log File | File that records the settings and usage of the program | xml |
| SettingsPage | Settings used by the program | Path list, file types |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | There are paths in use | 10/19/16 | Williams |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| N/A |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| Williams | If the log file is empty, it will set to default settings | 10/19/16 |
|  |  |  |

|  |
| --- |
| Frequency of Execution |
| **Frequency:**  Minimum: 5 Maximum: 100 Average: 50 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 |  | 2 | sec |  |  | 5 | Don’t want them to wait |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| n/a |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## 8.10 Change allowed file types

|  |  |
| --- | --- |
| General Information | |
| Use Case Number : 10  Use Case Name : Change allowed file types  Subject Area : Settings  Description : Change the file types that searched for through the paths | Responsible Analyst : Williams |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 6 | User will be able to define locations of local collection folders |
|  |  |
|  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Williams | 10/19/16 |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| Viewing paths | 7 | 3 |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| User | Person | Person that does all actions |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Program is running and the record file is loaded |

|  |
| --- |
| **Start Stimulus** |
| Program is waiting for input |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | User clicks on which file types that they would like to search |  |  |
| 2 | System updates settings and log file |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Can’t load path list | Report an error saying to check file paths and folders |  |

|  |  |
| --- | --- |
| Post-Conditions | |
| **#** | **Description** |
| 1 | User is viewing paths and settings |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Log File | File that records the settings and usage of the program | xml |
| SettingsPage | Settings used by the program | Path list, file types |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | There are paths in use | 10/19/16 | Williams |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| N/A |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| Williams | If the log file is empty, it will set to default settings | 10/19/16 |
|  |  |  |

|  |
| --- |
| Frequency of Execution |
| **Frequency:**  Minimum: 5 Maximum: 100 Average: 50 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 |  | 2 | sec |  |  | 5 | Don’t want them to wait |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| n/a |  |  |  |  |  |  |
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## 8.11 Watching a movie

|  |  |
| --- | --- |
| General Information | |
| Use Case Number : 11  Use Case Name : Watching a movie from catalog  Subject Area : Catalog  Description : Watching a movie using matrix | Responsible Analyst : Ryan Williams |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 1.b | Movies will be selectable |
|  |  |
|  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Ryan Williams | 11/9/2016 | Created |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| **n/a** |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| User | P | User that preforms all actions |
| System | S | System that respond |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | System is in the catalog menu |

|  |
| --- |
| **Start Stimulus** |
| User clicks on a movie |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | User selects a movie |  |  |
| 2 | System Populates a side bar with movie info |  |  |
| 3 | User clicks watch this button |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
|  |  |  |

|  |  |
| --- | --- |
| Post-Conditions | |
| **#** | **Description** |
| 1 | User is viewing the movie they selected |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Movie | Content of a single movie | Title, Runtime, Poster |
| MovieCatalog | Contains all the movie models | Manger, Title list |
| Manager | Container for data and API access | Accessor, MovieList, OMDBapi |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | There are movies in the system | 11/9/2016 | Ryan |  |  |
|  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| n/a |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| n/a |  |  |
|  |  |  |

|  |
| --- |
| Frequency of Execution |
| **Frequency:**  Minimum: Maximum: Average: (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| n/a |  |  |  |  |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| n/a |  |  |  |  |  |  |
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# CRUD matrix

|  |  |  |
| --- | --- | --- |
| Use case ID | Use case name | Class name |
| 1 | Viewing Catalog | Movie, MovieCatalog |
| 2 | Searching Catalog | Movie, MovieCatalog |
| 3 | Do I have this button | Manager, Do I have it page |
| 4 | Search for a movie | Manager, Movie, MovieCatalog |
| 5 | Search for a new movie | Movie, SearchPage |
| 6 | Suggest a movie | Manager, Movie, MovieCatalog |
| 7 | Viewing paths | Log File, SettingsPage |
| 8 | Adding a Path | Log File, SettingsPage |
| 9 | Removing a path | Log File, SettingsPage |
| 10 | Change allowed file types | Log file, SettingsPage |
| 11 | Watching a movie | Manager, Movie, MovieCatalog |

# Low Fidelity UI



# Appendix A

## 11.1 Business Rules

### 1. System should be able to sort and filter by Title, Runtime, Genre, and Directors

### 2. External searches will be launched chrome or IE and default to IMDB website

### 3. Recommended movies are based on Genre of the 5 previously watched movies