HomeView

Business Requirements Document

Uniting Streaming Services on One Site

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Version and Approvals

Version History				
Version #	Date	Revised By	Reason for change	
1	10/6/2021			

This document has been approved as the official Business Requirements Document for **HomeView**, and accurately reflects the current understanding of business requirements. Following approval of this document, requirement changes will be governed by the project's change management process, including impact analysis, appropriate reviews and approvals.

Document Approvals					
Approver Name	Project Role	Signature/Electronic Approval	Date		

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1. Project Details

Project Name	HomeView
Project Type	Web Application
Project Start Date	09/2021
Project End Date	05/2022
Client	V. Vong
Team Leader	Eric Truong
Scrum Master	Daniel Monge

2. Overview

2.1 Purpose

Our team is proposing HomeView, a web application that aims to provide an easier browsing experience among users' American streaming services. As a web application, it will be accessible on all Windows and Mac operating systems. As a web application, users would access all features of the app without downloading excess software on their devices.

2.2 Project Overview

Our team is aiming to solve a browsing and convenience problem. Subscribers of multiple American streaming services experience difficulty in trying to find a specific title to watch or to experience something new. As cited by Wonder (research company), the average Netflix user spends around 20.75 minutes of their day, or 126 hours of their year, spent searching for titles to watch. Moreover, searching for new movies or shows involves logging in to each platform individually, and dealing with separate browsing catalogs. In addition, although American streaming services already offer a free way for users to view their catalog, users are able to view each of their subscription's catalog collectively on our site, rather than taking more time to view each individually. Our product will serve as an organized, customized database and comfortable American streaming service navigator. The vision of HomeView is to provide clients with an effortless stream searching experience while also unifying all different American streaming services.

2.3 Intended Audience and Reading Suggestions

HomeView is intended for any age or demographic who is subscribed to two or more American streaming services. This web application offers the user a convenient approach to finding shows and movies across multiple American streaming services into one site.

This document outlines the functional business requirements and nonfunctional business requirements in a master table (See section 3: Business Requirements). Each of these requirements is labeled with an ID and prefix. The main features of HomeView are outlined in proceeding sections. Each feature contains an overview and relevant information on how it will satisfy functional and nonfunctional requirements in use case diagrams.

A Glossary of Terms is included at the end of this document to refer to HomeView-specific language features such as the Central Media Library and ActWiki, as well as technological terms.

2.4 Project Scope

HomeView is a web application intended to be used to easily browse catalogs of all streaming services. The main point of this website is to put all available movies and shows into one place.

2.4.1 In Scope

- Unites all media (films and television shows) libraries of all U.S. streaming services (Netflix, Hulu, Disney Plus, IMDB, HBO Max, Paramount TV, and Peacock) that a user is subscribed to into one browsing experience
- Allow users to select streaming services they are subscribed to
- Generate recommendations based on similar genre filter tags
- Allow users to create playlists consisting of titles
- Allow users to add and remove titles to playlists
- Allow users to add and remove contributors to playlists
- Allow users to delete playlists
- Allow users to rate titles
- Allow users to write reviews for titles
- Allow users to blacklist certain actors/actresses
- Allow users to blacklist genres
- Allows users to view actor/actress information
- Allows users to view articles regarding titles of streaming services
- Allow users to opt-out of email notifications

2.4.2 Out of Scope

- Viewership data API source
- Support for other languages
- Implementing seasonal categories for holidays
- Implementation of upvoting feature on public playlists
- Support for foreign streaming services
- Users can watch titles through external streaming service URL links
- Email notifications to users using API source

2.5 Stakeholders

The following comprises the internal and external stakeholders whose requirements are represented by this document:

#	Stakeholders
1	Christian Lam
2	Daniel Monge
3	Eric Truong
4	Erina Lara
5	Michael Lamera

2.6 Key Assumptions and Constraints

#	Assumptions
1	User has access to an internet connection
2	User has access to a system capable of running Google Chrome 93 or up
3	User owns an email address
4	User is subscribed to at least one streaming subscription service
#	Constraints
1	Project deadline is May 2022
2	Team Unite has five members
3	Team members are full time students
4	No budget

3. Business Requirements

3.1 Functional Requirements Table

The following sections document the various functional business requirements of this project.

Function	Prefix	ID#	Priority
Core Components			
Registration			
Users must provide an email address, first name, last name, and a	F-R	01	1
password in order to create an account			
Users must click on a confirmation email sent to their account's email address to register	F-R	02	1
One email can only be used for one account	F-R	03	2
Only valid email addresses may be used	F-R	04	2
Passwords must have a minimum of 12 characters with one	F-R	05	3
capital letter and one non-alphanumeric character			
User adds at least two streaming services upon first successful login	F-R	06	2
User display username upon first successful login	F-R	07	2
Security			<u> </u>
User Management / User Access Control / User Analys	is Dashb	oard	
One System Administrator account will control the system's user	F-M	01	1
privileges			
Administrator accounts are managed by the System Administrator account	F-M	02	1
Administrators can delete User accounts	F-M	03	2
Users can delete their own account	F-M	04	3
Users can only see their own information	F-M	05	1
User account creation and deletion count	F-M	06	4
Average User time spent on site count	F-M	07	4
Monitor what feature has been used the most (Playlists, News,	F-M	08	4
Recommendation Categories, Blacklisting, Ratings and Reviews)			
through a user's history of activity			
Deleting a user account will delete all information pertaining to	F-M	09	2
the account: email address, password, first and last name, display			
name, all playlists, blacklist, all ratings and reviews			
Login / Logout			

Users, Administrators, and the System Administrator will access their account with their email and password	F-L	01	1		
Email addresses must be registered to log in	F-L	02	1		
Passwords must match the User's registered password to	F-L	03	1		
complete login			1		
Three unsuccessful Administrator log-in attempts will lock the	F-L	04	4		
account and email the Administrator and System Administrator			·		
30 minutes of inactivity will automatically log out a User	F-L	05	3		
Users can log out	F-L	06	1		
Logging / Archiving					
Log user account log-in attempts, unsuccessful and successful	F-A	01	2		
Log User's genre preference by counting genre tags	F-A	02	4		
Log sign out information	F-A	03	3		
Log all errors	F-A	04	1		
Anonymize User data collection	F-A	05	1		
Administrators and System Administrators will be able to	F-A	06	4		
download logs					
Error Handling					
Site must be responsive	F-E	01	1		
All errors must be handled	F-E	02	1		
Users must be informed when an error occurs while they're active	F-E	03	2		
Site must not crash at any time	F-E	04	1		
Data Store Access					
UAD model can access database	F-S	01	2		
Administrators and System Administrators will be able to add	F-S	02	2		
user database records					
Administrators will be able to delete only user database records	F-S	03	2		
System Administrator will be able to delete any database records	F-S	04	2		
System Administrator will be able to edit any database records	F-S	05	2		
Network Communication					
System must be accessible on the internet for all users to be able	F-NC	01	1		
to access					
System must have access to the web and SQL servers	F-NC	02	1		
Documentation					
Users must be able to access privacy policy documentation on system	F-D	01	4		
Users must be able to access the Frequently Asked Questions	F-D	02	4		
documentation on system					

Application Features			
Central Media Library			
A master streaming service catalog database will include all	F-C	01	1
available Titles for the supported streaming services			
Central Media Library will include seasonal section	F-C	02	5
The master catalog will be refreshed daily at 2:45am PST	F-C	03	1
User's Central Media Library queries will include titles from the	F-C	04	1
master catalog filtered by their available services			
Users can query their Central Media Library with genre tags	F-C	05	2
User's Central Media Library contains recommended section with	F-C	06	1
popular Titles from the User's highest genre tag count			
Titles will have their own unlimited set of genre tags	F-C	07	2
Playlist			
Users can create Playlists	F-P	01	2
Playlists can be Public, Private, or Unlisted	F-P	02	2
User can permanently delete a playlist	F-P	03	3
Users can share playlists by adding contributor's account email to	F-P	04	2
the Playlist's contributor list			
Users that are added as a Contributor to a playlist can receive	F-P	05	3
email updates when someone updates, adds, or removes from the			
playlist			
Playlists can contain an unlimited amount of titles	F-P	06	2
User can only remove 1 title from a playlist at a time	F-P	07	2
User can only add 1 title to a playlist at a time	F-P	08	2
Users must select whether a contributor is a Viewer or an Editor	F-P	09	2
Contributors that are removed from a playlist will not be able to	F-P	10	2
edit the playlist and will only be able to view the playlist if the			
playlist is public			
Playlists can have an unlimited amount of contributors	F-P	11	2
Users that created the playlist can change contributor permissions	F-P	12	2
at any time			
User can choose to opt out of playlist email notifications, only if	F-P	13	2
the playlist is shared with at least one other user or contributor			
User's playlists will be easily accessible to users	F-P	14	1
Blacklist			
Users can Blacklist actors, actresses, and or genres from	F-B	01	1
appearing in their Central Media Library			

Blacklisting parameters are ignored if they do not appear in the master database at all	F-B	02	1
Users can remove actors, actresses, and or genres from the	F-B	03	3
Blacklist	1-0		3
Users can enable/disable the Blacklist without losing their	F-B	04	3
Blacklist settings	1 ⁻ D	04	3
Users can add an actor/actress to their blacklist 1 at a time	F-B	05	3
			3
Users can add a genre to their blacklist 1 at a time	F-B	06	
Ratings and Reviews	EDD	0.1	1
Users can publicly review titles	F-RR	01	1
Users can publicly rate titles on a scale from 1-5, in half increments	F-RR	02	1
User reviews will appear on the title's page	F-RR	03	2
Average user rating will appear on the title's page	F-RR	04	1
Users will only be able to write one review and rating per	F-RR	05	3
television show or film			
User reviews cannot exceed more than 2500 characters	F-RR	06	4
Users can delete their own review	F-RR	07	3
ActWiki			
Users will be able to view all the shows and films an actor or	F-AW	01	1
actress has appeared in			
Actors and actresses must be stored together in their own	F-AW	02	1
database			
Actors will only be supported if the corresponding actors appears	F-AW	03	1
in the IMDB database			
Popular and trending actors and actresses will appear on the	F-AW	04	1
ActWiki main page			
News			
Articles cannot exceed more than 50,000 characters	F-N	01	4
Articles published will be deleted automatically after 1 month, or	F-N	02	4
can be specifically deleted by an administrator		02	·
News section will be updated weekly on Mondays at 12:00AM	F-N	03	2
PT (Pacific Time) by Administrators			_
Articles will be ordered by age (latest first, oldest last)	F-N	04	4
Users will be updated by email notification about any upcoming,	F-N	05	2
soon to be removed, and changing titles on supported streaming			4
platforms, on a weekly basis at 11:00AM PT (Pacific Time) on			
Mondays			
UI / UX			
UI / UA			

All pages and sections on site must be user intuitive and easily accessible	F-UI	01	1
User experience must be helpful, easy to utilize, and easy to	F-UI	02	1
access			

3.2 Non-Functional Requirements Table

The following sections document the various non-functional business requirements of the project.

Non-Functional Requirement	Prefix	ID#	Priorit y		
Core Components					
Registration					
User account is created and logged into database	N-R	01	1		
within 20 seconds of confirmation					
Confirmation email should be sent to user's email	N-R	02	1		
address within 1 minute					
System prompts user to account recovery or suggests	N-R	03	2		
to use a different email					
System prompts user to input a valid email address	N-R	04	2		
Passwords must be hidden with a "*" at time of	N-R	05	3		
creation					
Adding initial streaming services and display name	N-R	06	4		
page is easy to follow and understand					
Security:					
User Management / User Access Control / User	ser Analysis Das	hboard			
User management should be scalable, future user types	N-M	01	1		
should be easily added					
Accounts marked as administrative will be given	N-M	02	1		
administrative privileges within 5 seconds					
User accounts and all its information will be deleted	N-M	03	3		
from database within 5 seconds					
System displays only the user's information within 5	N-M	04	1		
seconds					
The UAD should be easy to follow and understand	N-M	05	4		
The UAD will contain visuals to represent the logging	N-M	06	4		
data					
UAD data should reflect current and past metrics	N-M	07	4		
Administrator accounts that have revoked privileges	N-M	08	1		
will have administrative privileges revoked within 5					
seconds					
Log In / Log Out					

User's account dashboard is displayed within 5 seconds	N-L	01	1		
Account is logged out of system within 5 seconds	N-L	02	1		
Account will be locked within 5 seconds	N-L	05	4		
Logging / Archiving					
All logs can be queried from the UAD	N-A	01	2		
Logs are downloaded within 1 hour	N-A	02	2		
Logs will automatically be deleted after 1 year	N-A	03	4		
Error Handling					
Errors messages must be displayed within 5 seconds	N-E	01	1		
Error messages are standardized	N-E	02	1		
All errors will be logged within 5 seconds	N-E	03	1		
Users will be notified of an external error (outside the	N-E	04	1		
system) within 1 minute					
Data Store Access					
Database records are processed and displayed within 5 seconds	N-S	01	2		
Database records will be added to the datastore within	N-S	02	2		
1 minute					
Database records selected to be removed will be	N-S	03	2		
removed from the datastore within 1 minute					
Database records will be updated within 1 minute	N-S	04	2		
Network Communication	Network Communication				
System is displayed within 5 seconds	N-NC	01	1		
System is connected to network, web, and SQL servers within 5 minutes	N-NC	02	1		
Documentation					
The privacy policy section should be easily accessible from the homepage	N-D	01	4		
The FAQ section should be easily accessible from the	N-D	02	4		
homepage					
Application Features					
Central Media Library	y				
Titles will display their information within 5 seconds	N-C	01	1		
Streaming service catalogs will be updated and refreshed daily	N-C	02	5		
Recommendations will be generated within 5 seconds	N-C	03	1		
Colors used on system should not be offensive to eyes	N-C	04	2		

System must be intuitive and easy to follow for user Playlist Playlist information will be displayed within 5 seconds Playlists will be deleted from user's account within 5 seconds Playlists will be created in user's account within 5 seconds Playlists email notifications will be sent within 1 minute Editing a playlist will be intuitive Playlists will be added to a playlist within 5 seconds N-P Playlist will be removed from a playlist within 5 seconds Users will be removed from a playlist within 5 seconds Contributors will be removed from a playlist within 5 seconds Contributor permissions will be changed within 5 seconds Blacklist Title recommendations without the blacklisted actors, actresses, and or genres should be displayed within 10 seconds Blacklisting an actor, actress, and or genre will be intuitive and easy to follow Blacklisting criteria will be easy to edit The system will properly inform the User when the blacklist is enabled An actor/actress should be added to user's blacklist within 5 seconds A genre should be removed from a user's blacklist within 5 seconds A genre should be removed from a user's blacklist N-B O0 O0 O0 O0 O0 O0 O0 O0 O0 O	Playlist information will be displayed within 5 seconds				
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The system will properly inform the User when the blacklist is enabled An actor/actress should be added to user's blacklist within 5 seconds A genre should be added to a user's blacklist within 5 N-B 06 3 seconds An actor/actress should be removed from a user's N-B 07 3 blacklist within 5 seconds	The system will properly inform the User when the blacklist is enabled An actor/actress should be added to user's blacklist within 5 seconds A genre should be added to a user's blacklist within 5 seconds An actor/actress should be removed from a user's blacklist within 5 seconds A genre should be removed from a user's blacklist within 5 seconds A genre should be removed from a user's blacklist N-B 08 3				
An actor/actress should be added to user's blacklist N-B O5 within 5 seconds A genre should be added to a user's blacklist within 5 seconds An actor/actress should be removed from a user's N-B O6 3 blacklist within 5 seconds	blacklist is enabled An actor/actress should be added to user's blacklist within 5 seconds A genre should be added to a user's blacklist within 5 seconds An actor/actress should be removed from a user's blacklist within 5 seconds A genre should be removed from a user's N-B 07 3 blacklist within 5 seconds A genre should be removed from a user's blacklist N-B 08 3	·			
An actor/actress should be added to user's blacklist N-B os within 5 seconds A genre should be added to a user's blacklist within 5 seconds An actor/actress should be removed from a user's blacklist within 5 seconds N-B os N-B os N-B os N-B os N-B os seconds	An actor/actress should be added to user's blacklist N-B 05 3 within 5 seconds A genre should be added to a user's blacklist within 5 N-B 06 3 seconds An actor/actress should be removed from a user's N-B 07 3 blacklist within 5 seconds A genre should be removed from a user's blacklist N-B 08 3		N-B	04	4
within 5 seconds A genre should be added to a user's blacklist within 5 seconds An actor/actress should be removed from a user's blacklist within 5 seconds N-B 07 3 blacklist within 5 seconds	within 5 seconds A genre should be added to a user's blacklist within 5 N-B 06 3 seconds An actor/actress should be removed from a user's N-B 07 3 blacklist within 5 seconds A genre should be removed from a user's blacklist N-B 08 3				
A genre should be added to a user's blacklist within 5 N-B 06 3 seconds An actor/actress should be removed from a user's N-B 07 3 blacklist within 5 seconds	A genre should be added to a user's blacklist within 5 N-B 06 3 seconds An actor/actress should be removed from a user's N-B 07 3 blacklist within 5 seconds A genre should be removed from a user's blacklist N-B 08 3		N-B	05	3
Seconds An actor/actress should be removed from a user's N-B 07 3 blacklist within 5 seconds	An actor/actress should be removed from a user's N-B 07 3 blacklist within 5 seconds A genre should be removed from a user's blacklist N-B 08 3				
An actor/actress should be removed from a user's N-B 07 3 blacklist within 5 seconds	An actor/actress should be removed from a user's N-B 07 3 blacklist within 5 seconds A genre should be removed from a user's blacklist N-B 08 3	-	N-B	06	3
blacklist within 5 seconds	blacklist within 5 seconds A genre should be removed from a user's blacklist N-B 08 3				
	A genre should be removed from a user's blacklist N-B 08 3		N-B	07	3
A genre should be removed from a user's blacklist N-B 08 3					
	within 5 seconds	-	N-B	08	3
within 5 seconds		within 5 seconds			

A blacklist should be enabled or disabled within 5 seconds	N-B	09	2		
Ratings and Reviews					
Ratings and reviews should be displayed under each title's profile within 5 seconds	N-RR	01	1		
User's given rating for a title should be processed within 5 seconds	N-RR	02	1		
User's given review for a title should be processed within 5 seconds	N-RR	03	2		
Reviews should be deleted within 5 seconds	N-RR	04	1		
User Reviews are displayed in a readable manner	N-RR	05	1		
User ratings could be changed	N-RR	06	3		
User review character count will show while the user is typing it	N-RR	07	4		
ActWiki					
Actor and or Actress information should be displayed within 5 seconds	N-AW	01	1		
Actor and Actress database must be refreshed and updated daily	N-AW	02	1		
ActWiki will contain clearly categorized information	N-AW	03	1		
News					
Articles must be published within 5 seconds	N-N	01	4		
Articles older than 1 month must be deleted and removed from system within 5 seconds	N-N	02	4		
News section will be refreshed weekly every Monday	N-N	03	2		
News email notifications must be sent to users within 1 minute	N-N	04	4		
New articles and new sections will be announced on the User's homepage	N-N	05	2		
UI / UX					
All pages and sections must be appealing to user's eyes	N-UI	01	2		
All pages must be loaded within 1 minute	N-UI	02	2		

4. Registration

4.1 Summary

- In order to utilize the system, users are required to register for an account
- Users are able to register for an account by entering their email address, first name, last name, and a password
- After registering an account, users must verify their account through an email verification email
- After verifying their email, users will be sent to a first-time login page in which the sser checks off streaming services from a list of supported options, and enters their own display name

- Register an account
- Complete registration by verifying account through confirmation email
- User completes first time login page

Use Case ID:	U-R.01	U-R.01		
Description:	User regi	sters an account	with HomeView	
Created By:	Erina La	ra	Last Updated By:	Daniel Monge
Date Created:	10/3/21		Date Last	10/4/21
			Updated:	
Actors:		Users, Adminis	strators	
Functional Requ	irements	F-R.01, F-R.03	6, F-R.04, F-R.05, F-	UI.01, F-UI.02, F-NC.01,
		F-NC.02, F-E.0	01, F-E.04, F-E.02, F	F-E.03
Non-Functional		N-R.03, N-R.0	2, N-UI.01, N-U1.02	2, N-NC.01, N-NC.02,
Requirements	Requirements		2, N-E.03, N-E.04	
Preconditions:		User must not	have a registered acc	ount
		User must have an internet connection		
Postconditions:		User is sent a c	confirmation link via	email
Normal Course:		1. User op	ens their browser	
		2. User navigates to website URL and reaches the login		
		and registration page		
		a. Registration/login page is displayed		
		3. User inputs information in the register section		he register section
		a. User enters their email address		

	b. User enters their first name and last namec. User enters their own password4. User clicks Register button	
Alternative Courses:	NA	
Success:	User is sent a verification email to verify their account	
Exceptions:	User enters an already registered email	
	User enters an invalid email	
	User enters an invalid password	
Priority:	1	

Use Case ID:	U-R-02			
Description:	User completes registration from confirmation email			
Created By:	Daniel Monge	Daniel Monge Last Updated By: Erina Lara		
Date Created:	10/3/2021 Date Last 10/4/21			
Updated:				

Actors:	Users, Administrators
Functional Requirements	F-R.02, F-E.02, F-E.03
Non-Functional	N-R.01, N-E.01, N-E.04
Requirements	
Preconditions:	User successfully passes U-R.01
	User was successfully sent a confirmation email
Postconditions:	User has successfully registered to the site
Normal Course:	1. The user opens the link sent to them from HomeView
Alternative Courses:	NA
Success:	The users is directed to a successful account creation page
Exceptions:	Link could not be verified using the information the user
	provided
Priority:	1

Use Case ID:	U-R-03		
Description:	User completes first-time login page		
Created By:	Daniel Monge Last Updated By: Erina Lara		
Date Created:	10/3/2021	Date Last	10/4/21
		Updated:	

Actors:	Users, Administrators
Functional Requirements	F-R.06, F-R.07, F-UI.01, F-UI.02, F-NC.01, F-NC.02,
	F-E.01, F-E.04, F-E.02, F-E.03

Non-Functional	N-R.06, N-UI.01, N-U1.02, N-NC.01, N-NC.02, N-E.01,		
Requirements	N-E.02, N-E.03, N-E.04		
Preconditions:	User successfully logs in from U-L.01		
	User has not logged in before		
	User has no registered streaming services		
	User has no Display Name		
Postconditions:	User has a Display Name and at least two registered		
	streaming service		
Normal Course:	1. The User checks off streaming services from a list of		
	supported options		
	2. The User enters a Display Name		
	3. The User clicks done		
Alternative Courses:	NA		
Success:	The User is directed to their personalized homepage		
Exceptions:	No streaming services were added		
	User enters a blank Display Name		
Priority:	1		

5. Security: User Management / User Access Control / User Analysis Dashboard

5.1 Summary

- Describes functionalities regarding user management
- Describes functionalities regarding user access control
- Helps monitor/track usage analysis of system
- Security of the system will follow the NIST framework, which aims to:
 - o Identify, which aims to find what components and functions need protection
 - o Protect, which aims to implement safeguards to protect the system's assets
 - o Detect, which aims to implement mechanisms to identify cybersecurity attacks
 - Respond, which aims to construct methods to contain and appropriate responses for the impacts of cybersecurity incidents
 - Recover, which aims to implement methods to restore impaired services due to cybersecurity incidents

- Delete a user account
- Elevate a user account's permissions/role
- Demote an Administrator account
- Display Usage Analysis Dashboard

Use Case ID:	U.M.01		
Description:	Delete a user account		
Created By:	Erina Lara	Last Updated By:	Eric Truong
Date Created:	10/3/21	Date Last Updated:	10/5/21

Actors:	Users, Administrators, System Administrator		
Functional Requirements	F-M.03, F-M.04, F-M.09, F-UI.01, F-UI.02, F-NC.01,		
	F-NC.02, F-E.01, F-E.04, F-E.02, F-E.03		
Non-Functional	N-M.04, N-UI.01, N-U1.02, N-NC.01, N-NC.02, N-E.01,		
Requirements	N-E.02, N-E.03, N-E.04		
Preconditions:	User must already have a registered account with system		
	User must be logged in		
Postconditions:	User account is deleted		
Normal Course:	1. User navigates to Account Settings section on website		
	2. User clicks Delete Account		

	3. User enters account password to confirm deletion of		
	their account		
Alternative Courses:	System Administrator or Administrator accesses UAD menu		
	2. System Administrator or Administrator selects "List of Users"		
	3. System Administrator or Administrator selects a user		
	4. System Administrators or Administrator clicks,		
	"Delete User"		
Success:	System displays the message, "User Account Deletion		
	Successful" to user		
Exceptions:	Account that is trying to be deleted contains administrative		
	privileges		
Priority:	3		

Use Case ID:	U.M.02			
Description:	System Administrator elevates a user account to have administrative			
	privileges			
Created By:	Erina Lara		Last Updated By:	Daniel Monge
Date Created:	10/3/21		Date Last	10/4/21
			Updated:	
Actors: System Administrator		-		

Actors:	System Administrator		
Functional Requirements	F-M.01, F-M.02, F-UI.01, F-UI.02, F-NC.01, F-NC.02,		
	F-E.01, F-E.04, F-E.02, F-E.03		
Non-Functional	N-M.02, N-UI.01, N-U1.02, N-NC.01, N-NC.02, N-E.01,		
Requirements	N-E.02, N-E.03, N-E.04		
Preconditions:	System Administrator must be logged in		
Postconditions:	User account is marked as Administrator Account		
	User account is included in "List of Administrators" in UAD		
	menu		
Normal Course:	System Administrator navigates to UAD menu		
	2. System Administrator selects "List of Users"		
	3. System Administrator selects a user account		
	4. System Administrator clicks "Give Administrative		
	Privileges"		
	5. System Administrator is prompted for password		
	6. System Administrator enters password and clicks		
	"OK"		

Alternative Courses:	NA
Success:	System displays the message, "User Account is now an
	Administrator" to user
Exceptions:	Invalid Password
Priority:	2

Use Case ID:	U.M.03			
Description:	System Administrator demotes an administrator account to a user			
	account			
Created By:	Erina Lara		Last Updated By:	
Date Created:	10/3/21		Date Last	
			Updated:	

Actors:	System Administrator		
Functional Requirements	F-M.01, F-M.02, F-UI.01, F-UI.02, F-NC.01,		
	F-NC.02, F-E.01, F-E.04, F-E.02, F-E.03		
Non-Functional Requirements	N-M.08, N-UI.01, N-U1.02, N-NC.01, N-NC.02,		
	N-E.01, N-E.02, N-E.03, N-E.04		
Preconditions:	System Administrator must be logged in		
Postconditions:	Administrator account has administrator privileges		
	revoked		
	Administrator account becomes a User Account		
	Administrator account is removed from "List of		
	Administrators" in UAD menu		
Normal Course:	System Administrator navigates to UAD menu		
	2. System Administrator selects "List of		
	Administrators"		
	3. System Administrator selects an		
	Administrator account		
	4. System Administrator clicks "Revoke		
	Administrative Privileges"		
	5. System Administrator is prompted for		
	password		
	System Administrator enters password and		
	clicks "OK"		
Alternative Courses:	NA		
Success:	System displays the message, "Administrator account		
	has privileges revoked and is now a User account" to		
	System Administrator		

Exceptions:	Invalid Password
Priority:	2

Use Case ID:	U.M.04		
Description:	Show UAD		
Created By:	Erina Lara	Last Updated By:	Eric Truong
Date Created:	10/3/21	Date Last Updated:	10/4/21

Actors:	System Administrator, Administrators	
Functional Requirements	F-M.06, F-M.07, F-M.08, F-S.02, F-UI.01, F-UI.02, F-NC.01,	
	F-NC.02, F-E.01, F-E.04	
Non-Functional	N-M.05, N-M.06, N-M.07, N-UI.01, N-U1.02, N-NC.01,	
Requirements	N-NC.02	
Preconditions:	System Administrator or Administrator must be logged in	
Postconditions:	UAD is displayed on screen	
Normal Course:	System Administrator or Administrator clicks on	
	"UAD" section on website	
Alternative Courses:	NA	
Success:	System Administrator or Administrator is able to view the	
	UAD section	
Exceptions:	NA	
Priority:	2	

6. Login / Logout

6.1 Summary

- User will be able to log in to system using their registered account information
- User will be able to log out of system
- If a user is inactive for more than 30 minutes, then the user will automatically be logged out of their account
- Successful and unsuccessful login and logout attempts will be logged

- Login to system
- Logout of system

Use Case ID:	U-L.01		
Description:	User logs in to HomeView	W	
Created By:	Daniel Monge	Last Updated By:	Eric Truong
Date Created:	10/3/2021	Date Last	10/4/21
		Updated:	

Actors:	Users, Administrators		
Functional Requirements	F-L.01, F-L.02, F-L.03, F-L.04, F-UI.01, F-UI.02, F-NC.01,		
	F-NC.02, F-E.01, F-E.04, F-E.02, F-E.03		
Non-Functional	N-L.01, N-L.03, N-UI.01, N-U1.02, N-NC.01, N-NC.02,		
Requirements	N-E.01, N-E.02, N-E.03, N-E.04		
Preconditions:	The User is registered with HomeView		
	The User has reached the HomeView login page		
Postconditions:	The user has logged into the HomeView		
Normal Course:	1. The User reaches HomeView's login and registration		
	page		
	2. The User enters an email address, and a password		
	3. The User clicks the login button		
	a. The system verifies the email address and		
	password		

Alternative Courses:	The User reaches HomeView's login and registration	
	page	
	2. The User enters an email address, and a password	
	3. The system fails to verify the email address and	
	password 3 times in the past 5 minutes	
	4. The account is locked for 1 hour	
Success:	The User is directed to their homepage	
Exceptions:	Email and password combination was not found in the	
	database	
Priority:	1	

Use Case ID:	U-L.02		
Description:	User logs out of HomeView		
Created By:	Daniel Monge	Last Updated By:	
Date Created:	10/3/2021	Date Last Updated:	

Actors:	Users, Administrators	
Functional Requirements	F-L.05, F-L.06, F-UI.01, F-UI.02, F-NC.01, F-NC.02,	
	F-E.01, F-E.04	
Non-Functional	N-L.02, N-UI.01, N-U1.02, N-NC.01, N-NC.02	
Requirements		
Preconditions:	The User is logged into HomeView	
	The User is currently on their homepage	
Postconditions:	The user has logged out of HomeView	
Normal Course:	1. The User reaches their homepage	
	2. The User clicks the logout button	
Alternative Courses:	1. The user is inactive on the site for 30 minutes	
Success:	The User is directed to HomeView's login and registration	
	page	
Exceptions:	NA	
Priority:	1	

7. Logging / Archiving

7.1 Summary

- Successful and unsuccessful login/logout attempts will be logged for all users, administrators, system administrator
- All user activity will be logged
- User activity will include:
 - User ratings
 - Rating on a title
 - User reviews
 - Reviews written for a title
 - User playlists
 - Creating a playlist
 - Deleting a playlist
 - Adding/Removing a contributor from a playlist
 - Adding/Removing titles from a playlist
 - o User's Blacklist
 - Adding/Removing actors actresses
 - Adding/Removing genres
 - Length of each session
 - Most viewed/frequently visited sections
 - Most viewed genres
 - Most viewed actors/actresses
 - Article viewing history
- All errors will be logged
- All administrator and system administrator sessions will be logged
- All administrator and system administrator actions will be logged
- Administrators and system administrator will be able to download logs
- User logs will be anonymized during data collection for UAD
- After 1 year, all logs will automatically be deleted

7.2 Objectives

Accessing Logs

Use Case ID:	U-L.01		
Description:	Accessing Logs		
Created By:	Daniel Monge	Last Updated By:	Erina Lara
Date Created:	10/3/2021	Date Last Updated:	10/4/21

Actors:	Administrator, System Administrator		
Functional Requirements	F-A.01, F-A.02, F-A.03, F-A.04, F-A.05, F-A.06,		
	F-A.07, F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01,		
	F-E.04, F-E.02, F-E.03		
Non-Functional requirements	N-A.01, N-A.02, N-A.03, N-UI.01, N-U1.02, N-NC.01,		
	N-NC.02, N-E.01, N-E.02, N-E.03, N-E.04		
Preconditions:	User is logged in		
	User is Administrator or System Administrator		
	User is selects		
Postconditions:	Logs are downloaded to the User's PC		
Normal Course:	System Administrator or Administrator accesses		
	UAD		
	2. System Administrator or Administrator selects		
	Logs button		
	a. System Administrator or Administrator		
	fills in From range and To range		
	b. System Administrator or Administrator		
	clicks the next button		
Alternative Courses:	NA		
Success:	User sees a successful download message on the UAD		
Exceptions:	User does not input a valid date		
	User does To date is before the From data		
Priority:	3		
Notes:	Utilized for logging and archiving		

8. Error Handling

8.1 Summary

- All errors will be logged
- Administrators, and the System Administrator will be notified when an internal error within the system occurs
- All errors will be handled and reported swiftly
- Users will be notified when external (not within system) errors occur
 - o Includes:
 - Input validation
 - UI errors
 - UX errors

- Site must be responsive at all times
- All errors must be handled
- Users must be informed of external errors
- Site must not crash at any time

9. Data Store Access

9.1 Summary

- System Administrator will be able to:
 - Access all database records
 - Add database records
 - o Delete any database record
 - o Edit any database record
- Administrators will be able to:
 - Access user database records
 - o Add user database records
 - o Delete user database records
 - Edit user database records
- Records must be accessed swiftly

- System Administrator will be able to access, add, delete, and edit all database records
- Administrators will be able to only access, add, remove, and edit user database records

10. Network Communication

10.1 Summary

- In order to function, the system will need network communication
- Users, administrators, and the System Administrator must have a valid internet connection in order to access the system

10.2 Objectives

• System must be able to connect to the web and SQL servers

11. Documentation

11.1 Summary

- To display documentation materials to user regarding system
- Privacy Policy will document user data privacy and will detail what activity from a user is being logged
- FAQ (Frequently Asked Questions) will document the most asked questions regarding the system
- Documentation will be accessible to all users, Administrators, and the System Administrator

11.2 Objectives

• Show Privacy Policy

Alternative Courses:

Success: Exceptions:

Priority:

• Show FAQ

Use Case ID:	U-D.01			
Description:	Show Privacy	Policy		
Created By:	Erina Lara		Last Updated By:	Daniel Monge
Date Created:	10/3/21		Date Last Updated:	10/5/21
Actors:		Users, Administrators, System Administrators		
Functional Requirements F-D.		F-D.01, F	F-D.01, F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01,	
		F-E.04		
Non-Functional	Requirements	N-D.01, N-UI.01, N-U1.02, N-NC.01, N-NC.02		
Preconditions:		Actor must be logged in		
		Actor is on their homepage		
Postconditions:		Privacy Policy is displayed		
Normal Course:		Actor opens"About" menu from homepage		

2. Actor selects "Privacy Policy"

Privacy Policy information is displayed to actor

Use Case ID:	U-D.02
Description:	Show FAQ

NA

NA 4

Created By:	Erina Lara		Last Updated By:	Daniel Monge
Date Created:	10/3/21		Date Last Updated:	10/5/21
Actors: Users, Ad		dministrators, System A	dministrators	
Functional Requi	irements	F-D.02, 1	F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01,	
		F-E.04		
Non-Functional	Requirements	N-D.02,	N-UI.01, N-U1.02, N-N	C.01, N-NC.02
Preconditions:		Actor must be logged in		
A		Actor is on their homepage		
Postconditions: FAQ is displayed		isplayed		
Normal Course: 1. A		ctor opens"About" men	u from homepage	
		2. Actor selects "FAQ"		
Alternative Courses: NA				
Success: FAQ in:		FAQ info	FAQ information is displayed to actor	
Exceptions:		NA		
Priority:		4	_	

12. Central Media Library

12.1 Summary

- Unites all media (films and television shows) libraries of all U.S. streaming services (Netflix, Hulu, Disney Plus, IMDB, HBO Max, Paramount TV, and Peacock) that a user is subscribed to into one browsing experience
- Users will be able to query and explore their database in a seamless fashion from their homepage
- Users could filter their results with with genre tags, title information, and actor
- Users' homepage will encourage watching by promoting recommended titles and trending titles on their homepage

- Show Central Media Library (home page)
- Show Title's Information page
- Show Genre's Information page
- Show TV Shows page
- Show Movies page

Use Case ID:	U-C.01		
Description:	Show Central Media Library (Home page)		
Created By:	Erina Lara Last Updated By: Daniel Monge		
Date Created:	10/3/21	Date Last Updated:	10/5/21

Actors:	Users		
Functional Requirements	F-C.01, F-C.02, F-C.03, F-C.04, F-C.05, F-C.06, F-C.07,		
	F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04		
Non-Functional	N-C.01, N-C.02, N-C.03, N-C.04, N-C.05, N-UI.01,		
Requirements	N-U1.02, N-NC.01, N-NC.02		
Preconditions:	User must be logged in		
	User must have completed first time login page (CODE)		
Postconditions:	User is able to view their Central Media Library		
Normal Course:	1. User is at homepage		
	a. User's Central Media Library (home page) is		
	displayed		
Alternative Courses:	NA		
Success:	User's Central Media Library information is displayed		

Exceptions:	NA
Priority:	1

Use Case ID:	U-C.02		
Description:	Show Title's Information Page		
Created By:	Erina Lara Last Updated By: Daniel Monge		
Date Created:	10/3/21	Date Last Updated:	10/5/21

Actors:	Users			
Functional Requirements	F-C.01, F-C.02, F-C.03, F-C.04, F-C.05, F-C.06, F-C.07,			
	F-RR.03, F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01,			
	F-E.04			
Non-Functional	N-C.01, N-C.02, N-C.03, N-C.04, N-C.05, N-UI.01,			
Requirements	N-U1.02, N-NC.01, N-NC.02			
	N-RR.01, N-RR.05			
Preconditions:	User must be logged in			
	User must select on a title			
Postconditions:	The Title's information will appear			
Normal Course:	User selects a Title from their homepage			
Alternative Courses:	1. User selects a Title from their query results			
	1. User selects a Title from a playlist			
	1. User selects a Title from a Genre's page			
	User selects a Title from the TV Shows page			
	User selects a Title from the Movies page			
Success:	The Title's information page will load			
Exceptions:	NA			
Priority:	1			

Use Case ID:	U-C.03		
Description:	Show Genre's Information Page		
Created By:	Erina Lara	Last Updated By:	Daniel Monge
Date Created:	10/3/21	Date Last Updated:	10/5/21

Actors:	Users
Functional Requirements	F-C.01, F-C.02, F-C.03, F-C.04, F-C.05, F-C.06, F-C.07,
	F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04
Non-Functional	N-C.01, N-C.02, N-C.03, N-C.04, N-C.05, N-UI.01,
Requirements	N-U1.02, N-NC.01, N-NC.02

Preconditions:	User must be logged in		
	User must select on a genre		
Postconditions:	Genre's information page is shown		
Normal Course:	1. User selects a Genre from a title's information page		
Alternative Courses:	NA		
Success:	Titles that contain the genre will be displayed		
Exceptions:	NA		
Priority:	1		

Use Case ID:	U-C.04				
Description:	Show Movies Page				
Created By:	Erina Lara		Last Updated By:	Daniel Monge	
Date Created:	10/3/21		Date Last Updated:	10/5/21	
Actors:	Users				
Functional Requi	irements F-C.01, F-C.0		02, F-C.03, F-C.04, F-C.05, F-C.06, F-C.07,		
ı I		F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04			
Non-Functional	Non-Functional N-C.01, N-C.		02, N-C.03, N-C.04, N-C.05, N-UI.01,		
Requirements N-U1.02, N-N		NC.01, N-NC.02			
Preconditions: User must be		logged in			
Postconditions: Movie page is		s shown			
Normal Course: 1. User s		selects "Movies" page at the top of site			
Alternative Courses: NA					
Success: Movies page		is displayed on screen to user			
Exceptions: NA		NA			
Priority: 1		1			

Use Case ID:	U-C.05				
Description:	Show TV Shows Page				
Created By:	Erina Lara		Last Updated By:	Daniel Monge	
Date Created:	10/3/21		Date Last Updated:	10/5/21	
Actors:	Users				
Functional Requirements F-C.01, I		F-C.01, F-C.0	01, F-C.02, F-C.03, F-C.04, F-C.05, F-C.06, F-C.07,		
		F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04			
Non-Functional		N-C.01, N-C.02, N-C.03, N-C.04, N-C.05, N-UI.01,			
Requirements N-U1.02, N-N		NC.01, N-NC.02			
Preconditions:	itions: User must be logged in				

Postconditions:	TV Shows page is shown
Normal Course:	1. User selects "Movies" page at the top of site
Alternative Courses:	NA
Success:	TV Shows page is displayed on screen to user
Exceptions:	NA
Priority:	1

13. Playlists

13.1 Summary

- Users will be able to create and share their own playlist consisting of as many titles as they would like
- Users will be able to delete their playlists
- Playlists will be able to be Public, Private, or Unlisted
 - Public: Appears on the public playlist database (which will be displayed on a user's profile)
 - URLs will be self-generated and anyone with the URL can view the playlist
 - Public playlists on a user's profile will be sorted by latest updated date (if there are no updates on a playlist, then the creation date will be used)
 - o Private: Only the user can view this playlist
 - Unlisted: Playlist will not appear on the public playlist database (not shown on the user's profile), but users with the URL can view the playlist
- Users can get email notifications about a playlist if they are added as a Contributor

- Create a playlist
- Add a title to a playlist
- Remove a title from a playlist
- Add a contributor to a playlist
- Remove a contributor from a playlist
- Change contributor permissions on a playlist
- Delete a playlist
- Opt-in/Opt-out of playlist email notifications
- Access Playlists

Use Case ID:	U-P.01		
Description:	Create a Playlist		
Created By:	Erina Lara	Last Updated By:	
Date Created:	10/3/21	Date Last	
		Updated:	
Astona	Llaara		

Actors:	Users
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F-P.01, F-P.02, F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01,	
F-E.04, F-E.02, F-E.03	
N-P.03, N-P.05, N-UI.01, N-U1.02, N-NC.01, N-NC.02,	
N-E.01, N-E.02, N-E.03, N-E.04	
Actor must be logged in	
Playlist is created	
1. User clicks on "Account" section from home page	
a. User's Account page is displayed along with	
its list of created playlists	
2. User clicks "+" next to "Playlist" subheading	
3. User is prompted to enter a playlist name, and select	
a viewing mode of either Public, Private, or Unlisted	
4. User clicks "Done"	
1. User is on home page	
2. User right-clicks a title from page	
a. Mini Title Options Menu pops up on page	
3. User hovers over "Add title to Playlist"	
4. User clicks "Add to New Playlist"	
5. User is prompted to enter a playlist name, and select	
a viewing mode of either Public, Private, or Unlisted	
6. User clicks "Save and Add"	
Playlist of given information is created and is viewable from	
User's "Playlist" section	
User enters blank or invalid playlist name	
User does not choose a viewing mode	
2	

Use Case ID:	U-P.02			
Description:	Add a Title	e to Playlist		
Created By:	Erina Lara	,	Last Updated By:	
Date Created:	10/3/21		Date Last Updated:	
Actors:		Users		
Functional Requi	irements	F-P.06, F-P	.08, F-UI.01, F-UI.02,	F-NC.01, F-NC.02,
		F-E.01, F-E	E.04, F-E.02, F-E.03	
Non-Functional		N-P.01, N-P.05, N-P.07, N-UI.01, N-U1.02, N-NC.01,		
Requirements		N-NC.02, N-E.01, N-E.02, N-E.03, N-E.04		
Preconditions:		Actor must be logged in		
		Actor must have completed U-P.01		

Postconditions:	Title is added to actor's playlist		
Normal Course:	User is on Central Media Library page		
	2. User right-clicks a title from page		
	a. Mini Title Options Menu pops up on page		
	3. User hovers over "Add title to Playlist"		
	4. User clicks on a playlist name		
Alternative Courses:	User is on Central Media Library page		
	2. User clicks on a title		
	a. Title's page is displayed		
	3. User clicks "Add title to Playlist"		
	a. User's existing playlist names pop up on		
	page in a mini menu		
	4. User clicks on a playlist name		
Success:	User sees title in playlist		
Exceptions:	Title is already added to the playlist		
Priority:	2		

Use Case ID:	U-P.03		
Description:	Remove a Title from Play	ylist	
Created By:	Erina Lara	Last Updated By:	
Date Created:	10/3/21	Date Last	
		Updated:	

Actors:	Users	
Functional Requirements	F-P.07, F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04	
Non-Functional	N-P.01, N-P.05, N-P.08, N-UI.01, N-U1.02, N-NC.01,	
Requirements	N-NC.02	
Preconditions:	Actor must be logged in	
	Actor must have completed U-P.01 and U-P.02	
Postconditions:	Titles are removed from playlist	
Normal Course:	User clicks on "Account" section from homepage	
	a. User's Account page is displayed along with	
	its list of created playlists	
	2. User clicks on a playlist name	
	a. User's playlist's information page is displayed	
	3. User right clicks on a title	
	a. Mini options menu pops up	
	4. User clicks "Remove Title from playlist"	
Alternative Courses:	NA	

Success:	User no longer sees the specific title in their playlist	
Exceptions:	NA	
Priority:	2	

Use Case ID:	U-P.04		
Description:	Add a Contributor to a Pl	aylist	
Created By:	Erina Lara	Last Updated By:	
Date Created:	10/3/21	Date Last	
		Updated:	

Actors:	Users	
Functional Requirements	F-P.04, F-P.05, F-P.09, F-UI.01, F-UI.02, F-NC.01, F-NC.02,	
	F-E.01, F-E.04, F-E.02, F-E.03	
Non-Functional	N-P.01, N-P.04, N-P.05, N-P.09, N-UI.01, N-U1.02,	
Requirements	N-NC.01, N-NC.02, N-E.01, N-E.02, N-E.03, N-E.04	
Preconditions:	Actor must be logged in	
	Actor must have completed U-P.01	
Postconditions:	A user is added as a contributor to playlist	
Normal Course:	User clicks on "Account" section from homepage	
	a. User's Account page is displayed along with	
	its list of created playlists	
	2. User clicks on a playlist name	
	a. User's playlist's information page is displayed	
	3. User clicks "Settings"	
	a. Playlist settings page is displayed	
	4. User clicks "Share"	
	a. Share menu pops up	
	5. User enters contributor's email address	
	6. User selects Viewer or Editor for contributor's	
	playlist permissions	
	7. User clicks "Share"	
Alternative Courses:	NA	
Success:	Playlist Settings's page displays user and contributor(s)	
	names	
Exceptions:	Contributor is already added to playlist	
Priority:	2	

Use Case ID:	U-P.05
Description:	Remove a Contributor from a Playlist

Created By:	Erina Lara	Last Updated By:	
Date Created:	10/3/21	Date Last	
		Updated:	

Actors:	Users	
Functional Requirements	F-P.10, F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04	
Non-Functional	N-P.01, N-P.05, N-P.10, N-UI.01, N-U1.02, N-NC.01,	
Requirements	N-NC.02	
Preconditions:	Actor must be logged in	
	Actor must have completed U-P.01 and U-P.04	
Postconditions:	Contributor is no longer able to access the playlist unless the	
	playlist is public	
Normal Course:	User clicks on "Account" section from homepage	
	a. User's Account page is displayed along with	
	its list of created playlists	
	2. User clicks on a playlist name	
	a. User's playlist's information page is displayed	
	3. User clicks "Settings"	
	a. Playlist settings page is displayed	
	4. User clicks "Share"	
	a. Share menu pops up	
	5. User right clicks contributor's name	
	a. Contributor Permissions mini menu pops up	
	6. User clicks "Remove"	
Alternative Courses:	NA	
Success:	Playlist Settings's page no longer displays contributor's	
	name	
Exceptions:	NA	
Priority:	2	

Use Case ID:	U-P.06		
Description:	Change a Contributor's Permissions		
Created By:	Erina Lara	Last Updated By:	
Date Created:	10/3/21	Date Last	
		Updated:	

Actors:	Users
Functional Requirements	F-P.09, F-P.12, F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01,
	F-E.04, F-E.02, F-E.03

Non-Functional	N-P.01, N-P.05, N-P.11, N-UI.01, N-U1.02, N-NC.01,	
Requirements	N-NC.02, N-E.01, N-E.02, N-E.03, N-E.04	
Preconditions:	Actor must be logged in	
	Actor must have completed U-P.01 and U-P.04	
Postconditions:	Contributor's permissions changed	
Normal Course:	User clicks on "Account" section from homepage	
	a. User's Account page is displayed along with	
	its list of created playlists	
	2. User clicks on a playlist name	
	a. User's playlist's information page is displayed	
	3. User clicks "Settings"	
	a. Playlist settings page is displayed	
	4. User clicks "Share"	
	a. Share menu pops up	
	5. User right clicks contributor's name	
	a. Contributor Permissions mini menu pops up	
	6. User sets new Contributor's permissions to Viewer or	
	Editor	
Alternative Courses:	NA	
Success:	User sees that contributor's permissions have changed when	
	clicking on Share menu from Playlist Settings	
Exceptions:	User tries to change Contributor's permissions to same	
	permissions	
Priority:	3	

Use Case ID:	U-P.07			
Description:	Delete a Playlist			
Created By:	Erina La	ra	Last Updated By:	Daniel Monge
Date Created:	10/3/21		Date Last Updated:	10/5/21
Actors:	·	Users		
Functional Requi	Requirements F-P.03, F-UI.0		1, F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04	
Non-Functional	-Functional N-P.01, N-P.02		2, N-P.05, N-UI.01, N-U1.02, N-NC.01,	
Requirements	N-NC.02			
Preconditions:		Actor must be logged in		
		Actor must have completed U-P.01		
Postconditions:		Playlist is deleted		
	Playlist contributors are removed			
Normal Course:	User clicks on "Account" section from homepage			

	 a. User's Account page is displayed along with its list of created playlists 2. User clicks on a playlist name a. User's playlist's information page is displayed 3. User clicks "Settings" a. Playlist settings page is displayed 	
	a. Playlist settings page is displayed	
	4. User clicks "Delete"	
Alternative Courses:	NA	
Success:	Playlist no longer appears under Playlist on User's Account	
	page	
Exceptions:	NA	
Priority:	2	

Use Case ID:	U-P.08			
Description:	Opt-out/Opt-in of Playlist Email Notifications			
Created By:	Erina Lara		Last Updated By:	
Date Created:	10/3/21		Date Last	
			Updated:	
Actors: Users		Users		
Functional Requirements F-P.13, F		F-P.13, F-UI.0	1, F-UI.02, F-NC.01,	, F-NC.02, F-E.01,

Actors:	Users		
Functional Requirements	F-P.13, F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01,		
	F-E.04, F-E.02, F-E.03		
Non-Functional	N-P.01, N-P.05, N-P.12, N-UI.01, N-U1.02, N-NC.01,		
Requirements	N-NC.02, N-E.01, N-E.02, N-E.03, N-E.04		
Preconditions:	Actor must be logged in		
	There must be at least one Contributor in playlist		
	Actor must be listed as a the owner of the playlist or a		
	Contributor in another User's playlist		
Postconditions:	Actor is opt-ed out of playlist email notifications		
Normal Course:	1. User clicks on "Account" section from homepage		
	a. User's Account page is displayed along with		
	its list of created playlists		
	2. User clicks on a playlist name		
	a. User's playlist's information page is displayed		
	3. User clicks "Settings"		
	a. Playlist settings page is displayed		
	4. User unchecks or checks "Receive notifications" box		
Alternative Courses:	NA		

Success:	User stops receiving or starts receiving playlist email notifications
Exceptions:	User tries to receive notifications for a playlist that only they
	can access
Priority:	2

Use Case ID:	U-P.09		
Description:	Access Playlists		
Created By:	Erina Lara	Last Updated By:	
Date Created:	10/3/21	Date Last	
		Updated:	

Actors:	Users
Functional Requirements	F-P.14, F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04
Non-Functional	N-P.01, N-P.06, N-UI.01, N-U1.02, N-NC.01, N-NC.02
Requirements	
Preconditions:	Actor must be logged in
	Actor must have completed U-P.01
Postconditions:	User's playlist is displayed
Normal Course:	User clicks on "Account" section from homepage
	a. User's Account page is displayed along with
	its list of created playlists
	2. User clicks on a playlist name
Alternative Courses:	NA
Success:	User sees the selected playlist's information displayed
Exceptions:	NA
Priority:	1

14. Blacklist

14.1 Summary

• Users can prevent titles that are of a certain genre (mainstream genres: comedy, action, horror, etc.) or contain certain actors and actresses from popping up throughout the site

14.2 Objectives

- Add actor/actress to user's blacklist
- Remove an actor/actress from user's blacklist
- Add a genre to user's blacklist
- Remove a genre from user's blacklist
- Enable/Disable user's blacklist

Use Case ID: U-B.01

Description:	Add actor/actress to blacklist				
Created By:	Erina Lara		Last Updated By:		
Date Created:	10/3/21		Date Last Updated:		
Actors:		Users			
Functional Requi	rements	F-B.01, 1	F-B.01, F-B.05, F-UI.01, F-UI.02, F-NC.01, F-NC.02,		
		F-E.01, I	F-E.04, F-E.02, F-E.03		
Non-Functional l	Requirements	N-B.02,	N-B.03, N-B.04, N-B.05, N-	·UI.01, N-U1.02,	
		N-NC.01	I, N-NC.02, N-E.01, N-E.02,	, N-E.03, N-E.04	
Preconditions:		User is lo	ogged in		
Postconditions:		Actor/Actress is added to user's blacklist			
Normal Course:		User navigates to ActWiki from home page			
		a. ActWiki page is displayed			
		2. User types actor/actress name in search bar and			
		c	licks Submit		
		a. System displays actor/actress search			
		results			
		3. User clicks on actor's/actress's name			
		a. Actor/Actress's information page is			
			displayed		
		4. User clicks "Add to Blacklist"		,	
Alternative Cour	urses: 1. User stays at home page or navigates to "T'		wigates to "TV		
		S	shows" or "Movies" from ho	me page	

	a. If user chose to navigate to "TV Shows", "TV Shows" page is displayed		
	b. If user chose to navigate to "Movies", "Movies" page is displayed		
	2. User clicks on a title displayed from page		
	a. Title's information page is displayed		
	3. User clicks on "Actors" section of title's		
	information page		
	a. Title's list of actors and actresses is		
	displayed		
	4. User clicks on an actor/actress from the		
	displayed list		
	a. User is redirected to actor's/actress's		
	information page from ActWiki		
	5. User clicks "Add to Blacklist"		
Success:	Blacklist information contains the actor/actress		
Exceptions:	Actor/Actress does not exist in the database		
	Actor/Actress is already in blacklist		
Priority:	1		
Notes:	User can still add an actor/actress to their blacklist		
	even if the blacklist is disabled		

Use Case ID:	U-B.02			
Description:	Remove actor/actress from blacklist			
Created By:	Erina Lar	a	Last Updated By:	
Date Created:	10/3/21		Date Last Updated:	
Actors:		Users		
Functional Requi	irements	F-B.03, F-UI.0	01, F-UI.02, F-NC.01, F-N	IC.02, F-E.01,
		F-E.04		
Non-Functional		N-B.03, N-B.07, N-UI.01, N-U1.02, N-NC.01, N-NC.02		
Requirements				
Preconditions: User is		User is logged	lin	
Postconditions:		Actor/Actress	is removed user's blacklis	t
Normal Course:		1. User navigates to "Account" section from home page		
		a. User's Account page is displayed		
		2. User clicks "View" under Blacklist heading		
		a. User's blacklist information is displayed		
		3. User clicks "X" button displayed next to actor		

Alternative Courses:	1. User stays at home page or navigates to "TV Shows"
	or "Movies" from home page
	a. If user chose to navigate to "TV Shows", "TV
	Shows" page is displayed
	b. If user chose to navigate to "Movies",
	"Movies" page is displayed
	2. User clicks on a title displayed from page
	a. Title's information page is displayed
	3. User clicks on "Actors" section of title's information
	page
	a. Title's list of actors and actresses is displayed
	4. User clicks on an actor/actress from the displayed
	list
	a. User is redirected to actor's/actress's
	information page from ActWiki
	5. User clicks "Remove from Blacklist"
	1. User navigates to ActWiki from home page
	a. ActWiki page is displayed
	2. User types actor/actress name in search bar and
	clicks Submit
	a. System displays actor/actress search results
	3. User clicks on actor's/actress's name
	a. Actor/Actress's information page is displayed
	4. User clicks "Remove from Blacklist"
Success:	Blacklist information no longer contains the actor/actress
Exceptions:	NA
Priority:	2

Use Case ID:	U-B.03			
Description:	Add a genre to blacklist			
Created By:	Erina Lar	a	Last Updated By:	
Date Created:	10/3/21		Date Last	
			Updated:	
Actors:	Users			
Functional Requirements F-B.01, F-I		F-B.01, F-B.0	6, F-UI.01, F-UI.02,	F-NC.01, F-NC.02,
	F-E.01, F-E.04		4, F-E.02, F-E.03	
Non-Functional		N-B.02, N-B.03, N-B.06, N-UI.01, N-U1.02, N-NC.01,		
Requirements N-NC.02, N-E.01		E.01, N-E.02, N-E.03	, N-E.04	
Preconditions: User is logged in				
l				

Postconditions:	Genre is added to user's blacklist	
Normal Course:	1. User navigates to "Account" section from home page	
	a. User's Account page is displayed	
	2. User clicks "View" under Blacklist heading	
	 a. User's blacklist information is displayed 	
	3. User types genre name in Genre search box	
	 a. Dropdown for compatible genres pops up 	
	4. User selects the compatible genre	
Alternative Courses:	1. User stays at home page or navigates to "TV Shows"	
	or "Movies" from home page	
	a. If user chose to navigate to "TV Shows", "TV	
	Shows" page is displayed	
	b. If user chose to navigate to "Movies",	
	"Movies" page is displayed	
	2. User clicks on a title displayed from page	
	a. Title's information page is displayed	
	3. User clicks on a genre from the title's information	
	page	
	a. Genre's page is displayed	
	4. User clicks "Blacklist Genre" from Genre page	
Success:	Blacklist information contains the genre	
Exceptions:	Genre is already added to user's blacklist	
Priority:	2	

Use Case ID:	U-B.04			
Description:	Remove a genre from blacklist			
Created By:	Erina Lar	a	Last Updated By:	
Date Created:	10/3/21		Date Last	
			Updated:	
Actors:		Users		
Functional Requirements		F-B.03, F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01,		
		F-E.04		
Non-Functional		N-B.03, N-B.08, N-UI.01, N-U1.02, N-NC.01, N-NC.02		2, N-NC.01, N-NC.02
Requirements				
Preconditions:		User is logged in		
Postconditions:		Genre is removed from user's blacklist		
Normal Course:		1. User navigates to "Account" section from home page		
		a. User's Account page is displayed		

	2. User clicks "View" under Blacklist heading	
	a. User's blacklist information is displayed	
	3. User clicks "X" button displayed next to genre	
Alternative Courses:	1. User stays at home page or navigates to "TV Shows"	
	or "Movies" from home page	
	a. If user chose to navigate to "TV Shows", "TV	
	Shows" page is displayed	
	b. If user chose to navigate to "Movies",	
	"Movies" page is displayed	
	2. User clicks on a title displayed from page	
	3. Title's information page is displayed	
	4. User clicks on the displayed genre on title's	
	information page	
	a. Genre's page is displayed	
	5. User clicks "Remove from Blacklist"	
Success:	Blacklist information no longer displays the genre	
Exceptions:	NA	
Priority:	2	

Use Case ID:	U-B.05		
Description:	Enable/Disable Blacklist		
Created By:	Erina Lara	Last Updated By:	
Date Created:	10/3/21	Date Last	
		Updated:	

Actors:	Users	
Functional Requirements	F-B.01, F-B.04, F-UI.01, F-UI.02, F-NC.01, F-NC.02,	
	F-E.01, F-E.04	
Non-Functional	N-B.04, N-B.09, N-UI.01, N-U1.02, N-NC.01, N-NC.02	
Requirements		
Preconditions:	User is logged in	
Postconditions:	User's blacklist has been enabled/disabled	
Normal Course:	1. User navigates to "Account" section from home page	
	a. User's Account page is displayed	
	2. User clicks "View" under Blacklist heading	
	a. User's blacklist information is displayed	
	3. User clicks:	
	a. "Enable", if the user wants to enable their	
	blacklist	

	b. "Disable", if the user wants to disable their		
	blacklist		
Alternative Courses:	1. User is on home page, TV Shows page, or Movies		
	page		
	2. User clicks "Enable Blacklist" or "Disable Blacklist"		
	near top of the screen		
Success:	Blacklist information page displays that it is currently		
	enabled or disabled		
	Blacklist button on home page, TV Shows page, and Movies		
	page displays "Disable Blacklist" (if the user chose to		
	enable the blacklist)," or "Enable Blacklist" (if the user chose		
	to disable the blacklist)		
Exceptions:	NA		
Priority:	2		

15. Ratings and Reviews

15.1 Summary

- Users that wish to post reviews of a title may do so through the title's information page
- User reviews are public
- Users can assign a rating to a title
- Average user ratings are presented on the title's information page

- Write reviews to title information pages
- Write ratings to titles
- Delete reviews

Use Case ID:	U.RR.01		
Description:	Write a review for a title		
Created By:	Daniel Monge	Last Updated By:	
Date Created:	10/5/21	Date Last Updated:	

Actors:	Users, Administrators		
Functional Requirements	F.RR.01, F.RR.03, F.RR.05, F.RR.06, F-UI.01,		
	F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04, F-E.02,		
	F-E.03		
Non-Functional Requirements	N-UI.01, N-U1.02, N-NC.01, N-NC.02		
	N-RR.03, N-RR.07, N-E.01, N-E.02, N-E.03, N-E.04		
Preconditions:	User is logged in		
	User has selected a title to review		
	User does not have a current posted review for that		
	title		
Postconditions:	The review is posted to the database		
Normal Course:	1. User selects a title		
	2. User is directed to the title's information page		
	3. User selects "Write a Review"		
	a. User fills out review text box		
	b. Text box must contain less than 2500		
	characters		
	c. User chooses their rating		
	4. User selects "Complete"		

Alternative Courses:	
Success:	The user views their review posted on the title's
	information page
Exceptions:	The review text box is empty
	The review text box has more than 2500 characters
	User does not input a rating
Priority:	1

Use Case ID:	U.RR.02		
Description:	Select a rating for a title		
Created By:	Daniel Monge	Last Updated By:	
Date Created:	10/5/21	Date Last Updated:	

Actors:	Users, Administrators		
Functional Requirements	F.RR.02, F.RR.04, F-UI.01, F-UI.02, F-NC.01,		
1	F-NC.02, F-E.01, F-E.04		
Non-Functional Requirements	N-UI.01, N-U1.02, N-NC.01, N-NC.02		
	N-RR.02, N-RR.06		
Preconditions:	User is logged in		
	User has selected a title to rate		
	User is on the title's information page		
Postconditions:	The rating score is posted to the database		
Normal Course:	User selects a title		
	2. User is directed to title's information page		
	3. User selects a rating on the ratings bar		
	a. The ratings bar will be 5 stars		
	b. Half increments are accepted		
	4. Rating is updated upon click		
Alternative Courses:	NA		
Success:	User sees their rating posted to the rating count		
Exceptions:	NA		
Priority:			
Notes:	Users can replace their previous rating by clicking on		
	the scale again. The system will upload the latest		
	rating		

Use Case ID:	U.RR.03
Description:	Delete a review

Created By:	Daniel Monge		Last Updated By:	
Date Created:	10/5/21		Date Last Updated:	
Actors:		Users, Ad	lministrator	
Functional Requi	irements	F.RR.07,	F-UI.01, F-UI.02, F-NC.	.01, F-NC.02, F-E.01,
		F-E.04		
Non-Functional	Requirements	N-UI.01,	N-U1.02, N-NC.01, N-N	IC.02
		N-RR.04		
Preconditions:		User is lo	gged in	
		User is or	n title information page	
		User has a review posted for the selected title		
Postconditions: The review is removed from the system's database		ystem's database		
Normal Course:		1. User selects a title		
		2. U	ser is directed to title's in	nformation page
		3. U	ser selects "Delete Curre	nt Review"
Alternative Cour	ses:	NA		
Success:		The user	will no longer see their re	eview posted on the
		title's info	ormation page	
Exceptions:		NA		
Priority:				

16. ActWiki

16.1 Summary

 The ActWiki is the user's guide to exploring more movies from their preferred actors and actresses. This section will display movie and TV-show related information about actors and actresses that appear on iMDB's actor / actress list.

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- Show ActWiki main page
 - o ActWiki main page will contain trending and recommended actors and actresses
- Search for actors and actresses

Use Case ID:	U-AW.01		
Description:	Show ActWiki page		
Created By:	Daniel Monge	Last Updated By:	
Date Created:	10/4/20201	Date Last	
		Updated:	

Actors:	Users, Admins
Functional	F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04
Requirements	F-AW.04
Non-Functional	N-UI.01, N-U1.02, N-NC.01, N-NC.02
Requirements	N-AW.02, N-AW.03
Preconditions:	The user is logged in
	The user clicks on ActWiki from their homepage
Postconditions:	The page loads the ActWiki main page
Normal Course:	1. User clicks on "ActWiki" button
Alternative Courses:	NA
Success:	The user sees popular trending actors and actresses on their
	page
Exceptions:	
Priority:	1

Use Case ID:	U-AW.02		
Description:	Search for an actor/actres	SS	
Created By:	Daniel Monge	Last Updated By:	

Date Created: 10	0/4/20201	Date Last Updated:	
Actors:	Users, Admins		
Functional	F-UI.01, F-UI.	02, F-NC.01, F-NC.02, F-E.01, F-E.04	
Requirements	F-AW.01, F-AV	V.02, F-AW.03	
Non-Functional	N-UI.01, N-U1	.02, N-NC.01, N-NC.02, N-E.01, N-E.02	2,
Requirements	N-E.03, N-E.04	4	
	N-AW.01		
Preconditions:	User is logged	User is logged in	
	User is on the A	User is on the ActWiki homepage	
Postconditions:	The query resu	Its is returned to the page	
Normal Course:	1. User cl	1. User clicks "ActWiki" button	
	2. User se	2. User searches for an actor or actress in the search bar	
	3. User cl	icks search button	
Alternative Courses	: NA		
Success:	The user is retu	irned with a list of the relevant search ma	itches
Exceptions:	The search bar	The search bar is empty	
	The actor or ac	The actor or actress does not exist in the IMDB catalog	
Priority:	1		

17. News

17.1 Summary

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17.2 Objectives

• Publish article

Use Case ID:	U-N.01		
Description:	Publish article		
Created By:	Daniel Monge	Last Updated By:	
Date Created:	10/4/2021	Date Last Updated:	

Actors:	Administrators		
Functional	F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04		
Requirements	F-N.01, F-N.03		
Non-Functional	N-UI.01, N-U1.02, N-NC.01, N-NC.02, N-E.01, N-E.02,		
Requirements	N-E.03, N-E.04		
Preconditions:	User is logged in		
	User is an administrator		
	User is on the news page		
Postconditions:	Article is posted in the system's database		
Normal Course:	Administrator logs in		
	2. Clicks on "News" button		
	3. Actor clicks on "Publish an Article"		
	a. Actor clicks "upload" to upload a picture		
	b. Actor writes the article title		
	c. Actor writes the article body		
	d. Actor presses "Publish"		
Alternative Courses:	NA		
Success:	The news section is updated with the most recent article		
Exceptions:	Article body is empty		
	Article title is empty		
Priority:	1		

Use Case ID:	U-N.02

Description:	Delete an article		
Created By:	Daniel Monge	Last Updated By:	
Date Created:	10/5/2021	Date Last Updated:	

Actors:	Administrators		
Functional	F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04		
Requirements	F-N.02		
Non-Functional	N-UI.01, N-U1.02, N-NC.01, N-NC.02		
Requirements			
Preconditions:	User is logged in		
	User is an administrator		
	User is on the news page		
Postconditions:	The news article is removed from the system's database		
Normal Course:	Administrator logs in		
	2. Clicks on "News" button		
	3. Actor clicks on a news item		
	a. Actor clicks "Delete"		
Alternative Courses:	News article lifespan event		
	a. News article has reached one month since it's		
	been published		
	b. Event checks every day at 12:00am PST		
Success:	The article is removed from the news section		
Exceptions:	NA		
Priority:	1		

Use Case ID:	U-N.03		
Description:	Show Article Information	1	
Created By:	Daniel Monge	Last Updated By:	
Date Created:	10/4/2021	Date Last Updated:	

Actors:	Administrators
Functional	F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04
Requirements	
Non-Functional	N-UI.01, N-U1.02, N-NC.01, N-NC.02
Requirements	
Preconditions:	User is on the News page
	User is an Administrator
Postconditions:	Article appears in
Normal Course:	
Alternative Courses:	

Success:	
Exceptions:	
Priority:	
Notes:	

Use Case ID:				
Description:	Show N	ews page		
Created By:	Daniel Monge		Last Updated By:	
Date Created:	10/4/2021		Date Last Updated:	
		A 1 · · · /		

Actors:	Administrators
Functional	F-UI.01, F-UI.02, F-NC.01, F-NC.02, F-E.01, F-E.04
Requirements	
Non-Functional	N-UI.01, N-U1.02, N-NC.01, N-NC.02
Requirements	
Preconditions:	User is on the News page
	User is an Administrator
Postconditions:	Article appears in
Normal Course:	
Alternative Courses:	
Success:	
Exceptions:	
Priority:	
Notes:	

18. User Interface / User Experience

18.1 Summary

- User experience with site should be helpful, easy to use, appealing, and easily accessible
- User would be able to easily access different functions of our system
- User should be able to provide trust in our system
- User interface should

- Show Account Page
- See UI/UX requirements under Functional and Non-functional Requirements tables above

Use Case ID:	U-UI.01			
Description:	Show Account page			
Created By:	Erina La	ara	Last Updated By:	
Date Created:	10/5/202	21	Date Last Updated:	
Actors:		Administrators		
Functional		F-NC.01, F-NC	.02, F-UI.01, F-UI.02, F	F-E.01, F-E.04
Requirements				
Non-Functional		N-UI.01, N-U1.02, N-NC.01, N-NC.02		
Requirements				
Preconditions:		User is logged in	n	
Postconditions:		Account page is	displayed	
Normal Course:		1. User clicks on "Account" section from top of page		
		a. User's Account page is displayed		
Alternative Courses:		NA		
Success:		User sees their Account page displayed		
Exceptions:		NA		
Priority:		1		

19. Glossary of Terms

19.1 Priority Description

Value	Rating	Description
1	Critical	This requirement is critical to the success of the project. The project will not be possible without this requirement
2	High	This requirement is high priority, but the project can be implemented at a bare minimum without this requirement
3	Medium	This requirement is somewhat important, as it provides some value but the project can proceed without it
4	Low	This is a low priority requirement, or a "nice to have" feature, if time and cost allow it
5	Future	This requirement is out of scope for this project, and has been included here for a possible future release

19.2 Prefix Definitions

Requirements Prefix	Description
F	Functional requirement
N	Non-functional requirement
U	Use Case
R	Registration
М	Security: User Management / User Access Control / User Analysis Dashboard
L	Login / Logout
A	Logging / Archiving
Е	Error Handling
S	Data Store Access
NC	Network Communication
D	Documentation
С	Central Media Library
P	Playlist
В	Blacklist

RR	Ratings and Reviews
AW	ActWiki
N	News
UI	UI / UX

19.3 Terms

Term/Acronym	Definition
ActWiki	A section reserved for Actor/Actress information
Administrator	User that is given administrative controls from the head administrator, and has a limited set of privileges over the system
Article	A written piece of information that is written by administrators to communicate with users
Blacklist	The set of criteria used to filter the User's query results
Central Media Library	A customized database comprised of all U.S streaming service catalogs
Core Component	The most essential parts needed for the product to function. Without it, the project would not be possible
Contributor	User that is added to a playlist and is given a role of Viewer or Editor
Database / Data Store	A stored collection of data
Display Name	The name of the user that appears on public Title reviews
Editor	A contributor that is able to edit a playlist
Elevate	Upgrading a user account to have a higher role with certain privileges

Error	An issue that arises unexpectedly that inhibits the system's functionality
Error Handling	Finding an appropriate solution to an error
External	Outside of the system
FAQ (Frequently Asked Questions)	A document regarding the most asked questions about the system
Feature	A specific detail, service, or function that is uniquely from the product
Inactivity	When the system turns idle due to not having any user actions being performed from a mouse or keyboard for a certain amount of time
Log	A record depicting certain information about an activity, action or the like
NA	Not Available
Network Communication	Communicating through the network
Playlist	A list of titles
Privacy Policy	Document that details privacy policy of system
Private	Only the user can view this playlist

Public	Viewable by everyone
Rating	A score from 1-5 that is given to a title that depicts a user's level of enjoyment or favoritism
Review	A written response that gives a summary or opinionated report regarding a title and is written by a user
Server	A system that hosts services for an application
SQL Server	A system that hosts SQL database for an application
System Administrator	The head administrator that manages and has executive control over the system and all accounts
Title	A film, show, or other piece of media offered by the supported streaming services
UAD (Usage Analysis Dashboard)	Information regarding the system's usage between itself and its users
User	An individual that uses the system and has no administrative control
UI (User Interface)	What is displayed to user
Unlisted	Users and those given access to playlist are able to access it
UX (User Experience)	What the user interacts with

Viewer	A contributor that can only view a playlist
Web Server	A server that acts as a middleman between a client and a database and hosts services for the application

20. References

Balbix. (2021, April 1). What is the NIST Cybersecurity Framework? Balbix. Retrieved October 6, 2021, from https://www.balbix.com/insights/nist-cybersecurity-framework/.