Use Case 1

Use Case:	Create/edit/delete an account
Primary Actor:	Guest
Goal in Context:	Users should be able to create an account, and then edit or delete that account
Preconditions:	User is on the website and hasn't already used their email address to create an account
Trigger:	User selects "Create Account" or "Account Settings"
Scenario:	1. User navigates to website as a guest 2. User selects "Create Account" to make an account 3. User enters account information 4. System confirms validity of account information and saves information to database 5. User navigates to "Account Settings" 6. User edits information or deletes account 7. System saves changes to database
Exceptions:	1. User attempts to create an account using an email that is already registered to an existing account. Remedied when the user chooses a new email. 2. User edits account with invalid information. Remedied when system alerts the user to the error and the user corrects the information
Priority:	High
Open Issues:	

Use Case 2

Use Case:	Login to account
Primary Actor:	Customer

Goal in Context:	Once a user has created an account, they should be able to login to that account from any web browser
Preconditions:	User already has a registered account
Trigger:	User selects the "login" option on the website
Scenario:	1. Users selects "login" 2. User enters username and password 3. System validates username and password pair 4. User is granted access to their account and is taken to their homepage
Exceptions:	1. User enters an incorrect username/password combination. Remedied when system identifies the invalid pairing, alerts the user to it, and the user corrects the login information
Priority:	High
Open Issues:	

Use Case 3

Use Case:	Search for movies
Primary Actor:	Customer
Goal in Context:	A user should be able to search for movies by title, year, genre, and actors
Preconditions:	User has a registered account and is logged in
Trigger:	User selects the search bar and starts typing
Scenario:	1. User selects search bar and starts typing 2. System displays relevant movies organized by the type of information that is relevant (genre, title, actor, etc.) 3. User selects the desired movie

Exceptions:	1. Search term fails to return any movie results. Remedied by the system alerting the user to the lack of results fitting the term and the user typing in a new search term
Priority:	High
Open Issues:	

Use Case 4

Use Case:	View movie information
Primary Actor:	Customer
Goal in Context:	Users should be able to view information and reviews about selected movies
Preconditions:	User has a registered account and is logged in
Trigger:	User selects a movie
Scenario:	1. System fetches information and reviews for the selected movie 2. System displays the information organized by topic 3. User views the information and reviews
Exceptions:	1. Movie has incomplete information. This is remedied by the system displaying a message explaining that a section is incomplete in the incomplete sections
Priority:	High
Open Issues:	

Use Case 5

Use Case:	Rate and review movies

Primary Actor:	Customers, Main Admin, Normal Admin
Goal in Context:	The customer is able to rate or write review for the movies.
Preconditions:	The current end-user logins account, and on the page of "Movie information"
Trigger:	Click the button of "Rate & Review"
Scenario:	1. After clicking the button of "Rate & Review", a text box shows up. 2. And the user is able to write the review in the text box. 3. Then a drop down box shows up, to let the user pick the points of the movie. 4. Finally, the user can submit the review by clicking the "Submit" button.
Exceptions:	If the customer accidently click the "Submit" button, the customer is able to delete the review or edit the review.
Priority:	High
When available:	First - Release
Open Issues:	Block users put ads links and bad words in the text comments.

Use Case 6

Use Case:	Access to rating-based playlist

Primary Actor:	Customers, Main Admin, Normal Admin
Goal in Context:	Show to recommendation list to user based on their rating for other movies.
Preconditions:	User must login to their account.
Trigger:	After user successful login.
Scenario:	1. User click "Login" button. 2. Successful pass the authentication.
Exceptions:	First time user may not have any previous records, so it cannot show any recommendation list. User can add some movies to their favourite list, then the recommend list can be generalized.
Priority:	Routine
When available:	Second-Release
Open Issues:	The speed of generate the list may to long. Need to improve the algorithm.

Use Case 7

Use Case:	Search other users and connect with them
Primary Actor:	Customers
Goal in Context:	Create a connection with friends, and able to see their wishing-to-watch list and favourite list.

Preconditions:	Customer must login.
Trigger:	Click the "Search" Button for people
Scenario:	1. Put others' username in the search bar. 2. Click the "Search" Button for people 3. View the others' information 4. "Follow" or "Unfollow" them.
Exceptions:	"Unfollow" or "Follow" someone the customer accidentally click the button. They are able to "Follow" or "Unfollow" to correct this issue.
Priority:	Middle
When available:	Second-Release
Open Issues:	None

Use Case 8

Use Case:	Send a suggestion movie to friends
Primary Actor:	Customers
Goal in Context:	Send a suggestion message to customer's friends
Preconditions:	The sender and receiver must follow each other.
Trigger:	Click the "Share with friends" button

Scenario:	1. Click the "Share with friends" button 2. Then a box with current two-sided followed friends will show up. 3. Select someone, you want to share with. 4. Click the "Send" button.
Exceptions:	None
Priority:	Low
When available:	Third-Release
Open Issues:	Some movie may be "R" level or other levels. Cannot share the movie for people under that age of level.

Use Case 9

Use Case:	Collects data
Primary Actor:	System
Goal in Context:	System collects data from users and log to make better suggestions in the future.
Preconditions:	Have customers use the system.
Trigger:	A list of movies that the customer might be interested in.
Scenario:	1. Customer views movies or create playlists on our website 2. System collects data from users and log

Exceptions:	None
Priority:	Medium
Open Issues:	What if customer don't want to share these data? What if customer don't want to share typical parts of data?

Use Case 10

Use Case:	Buy/View tickets
Primary Actor:	Customer
Goal in Context:	Customer checks, views and buys available tickets on third-party websites.
Preconditions:	The user must be logged into the system with proper credentials.
Trigger:	Transit to a third-party website.
Scenario:	1. Customer views or searches on our website to choose the movie he is interested in. 2. Customer visits detail page of the movie. 3. Customer clicks the link in ticket section on this page 4. System will transit to a third-party website which allows customer to view and buy available tickets.
Exceptions:	None
Priority:	Low

Use Case 11

Use Case:	See other users' public information

Primary Actor:	Customer
Goal in Context:	Customer view public information of other users they are interested in.
Preconditions:	The user must be logged into the system with proper credentials.
Trigger:	None
Scenario:	1. Customer searches or view other users on our website. 2. Customer clicks another user's portfolio photo or name. 3. System brings customer to that user's portfolio which shows his public information.
Exceptions:	None
Priority:	Low
Open Issues:	Can customer see more information about others if they are friends?

Use Case 12-a

Use Case:	Create Movie Playlists
Primary Actor:	Customer
Goal in Context:	Divides movies into different groups for a better watching experience.
Preconditions:	The user must be logged into the system with proper credentials.
Trigger:	A movie playlist under customer's account.
Scenario:	1. Customer select "Create new playlist" under "My playlists" 2. Name this new playlist

	3. Add movies into this new playlist
Exceptions:	2a. The name has been used 　　2a1. System will push customer to give another name
Priority:	Medium
Open Issues:	Should there be an initial playlist?

Use Case 12-b

Use Case:	Edit Movie Playlists
Primary Actor:	Customer
Goal in Context:	To regroup movies in a playlist to get a better watching experience.
Preconditions:	The user must be logged into the system with proper credentials.
Trigger:	A movie playlist under customer's account.
Scenario:	1. Customer select an exist playlist. 2. Customer selects "Edit" 3. Customer adds movies into or removes movies from the playlist 4. Customer click "Done"
Exceptions:	3a. The movie is already in playlist while adding in. 　3a1. System sends a notification to customer and the movie would not be added in automatically.
Priority:	Medium
Open Issues:	Can customer rename the playlist?

Use Case 13

Use Case:	See trailer
Primary Actor:	Customer
Goal in Context:	Customer could potentially see some trail for the movie they are viewing information on.
Preconditions:	The user must be logged into the system with proper credentials.
Trigger:	None
Scenario:	1. Customer searches or views on our website and choose the movie they are interested in. 2. Customer views the information of this movie 3. System will show some trail for this movie
Exceptions:	None
Priority:	Low
Open Issues:	Should the trail automatically show?

Use Case 14

Use Case:	Link to similar movies
Primary Actor:	System
Goal in Context:	System will give a list of movies similar to the movie the one customer is currently look at.
Preconditions:	1. The user must be logged into the system with proper credentials. 2. User is currently viewing or watching movies on our website.

Trigger:	A list of movies on the page
Scenario:	1. Customer searches or views on our website and choose the movie they are interested in. 2. Customer views the information of this movie 3. System give a list of similar movies depending on current movie's year, actor, strategy etc. at the bottom of the page
Exceptions:	None
Priority:	Low
Open Issues:	How to identify whether the two movies are similar?

Use Case 15

Use Case:	Send message
Primary Actor:	Customer
Goal in Context:	Customer constructs private conversations with friends to exchange thoughts about movies.
Preconditions:	1. The user must be logged into the system with proper credentials. 2. The user who the message sent to is the friend of who sent the message.
Trigger:	A message between two users

Scenario:	1. Customer chooses a friend they want to send a message to by searching or viewing "All Friends" 2. Customer visits friend's portfolio 3. Customer clicks "Send messages" 4. System will bring customer to a conversation interface 5. Customer types in the message they want to send and clicks "Send" 6. The message will be shown on the interface and friend will receive a notification of this message.
Exceptions:	5a. The message is blank 5a1. A warning will pop out to ask customer to type in something
Priority:	Low
When available:	First - release
Open Issues:	Can user block one's messages? Can admin send message to customer? Can customer send message to admin?

Use Case 16

Use Case:	Recommend Movies
Primary Actor:	System
Goal in Context:	System recommends movies to customer based on user ratings via three machine learning algorithms
Preconditions:	We have movie ratings from users.
Trigger:	A list of movies on homepage.

Scenario:	1. User rates movies 2. System gets recommended movies based on user ratings via three machine learning algorithms 3. System pushes these movies to Homepage.
Exceptions:	None
Priority:	Low

Use Case 17

Use Case:	Add different media model
Primary Actor:	Main Admin
Goal in Context:	handle storing data about any type of media, not just movies, in case the client decides to expand
Preconditions:	A new kind of media is needed
Trigger:	Click "Add Media Type"
Scenario:	1. Modelize the section, pages 2. Add a new media model according to the type
Exceptions:	Have the link and source problem, need to be changed in code by main administrator.
Priority:	Low
When available:	Third-Release

Open Issues:	None

Use Case 18

Use Case:	Reset password
Primary Actor:	Customers
Goal in Context:	The customer is able to reset the password if they forget
Preconditions:	The customer connect their accounts with one of phone or email, or remember the security question.
Trigger:	Click the "Forgot password" button
Scenario:	1. On the login page 2. Click the "forgot password" button 3. Click the method customer want to reset 4. Answer the questions, or input valid auth code 5. Input the new password
Exceptions:	None
Priority:	High
When available:	First-Release
Open Issues:	Send the code to phone and email.

Use Case 19

Use Case:	Movies must have links to digital movie sources
Primary Actor:	Customers, Main Admin, Admin
Goal in Context:	Link the digital movie sources with the website, such as iTunes and Amazon Prime
Preconditions:	This movie has digital movie sources. The current user is customer
Trigger:	Click the button "How to get the movie?"
Scenario:	1. On the movie information page 2. Click the button "How to get the movie?" 3. On the result page, click digit movie sources the customer want to visit. 4. Navigate the customer to that page
Exceptions:	None
Priority:	Low
When available:	Second-Release
Open Issues:	Be careful about all the links, make sure there is no ads.

Use Case 20

Use Case:	Delete user accounts or reviews
Primary Actor:	Main Admin, Normal Admin
Goal in Context:	All admin are able to delete bad user or comments
Preconditions:	The customer violated some rules
Trigger:	Click the "Delete" button.
Scenario:	1. Search the user by user_id. 2. Able to see all the comments the user posts 3. Delete the reviews 4. Delete the user accounts
Exceptions:	After accidently click the delete button to a user account or user reviews, there is a commit button to double check.
Priority:	Low
When available:	Second-Release
Open Issues:	Could able to see the bad customers list by other customers votes in future.