

Use Cases

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Each use case is a story written in the perspective of the user. The following tables show requirements describing what the system should do.

User:

- 1) User adding friend
- 2) Want to Watch Later List of movies
- 3) Top 10-movies personal list
- 3) Search For Movies
- 3) User can recommend movies to other users
- 4) Gets recommendations from the site (Algorithm recommended movies)
- 5) Skip/dismiss recommendation from movies
- 6) Rate/Like/Dislike movies
- 7) Join movie groups (group chat/page)
- 8) Direct Message other users
- 9) Unfriend someone (done)
- 10) Open site to see recommended movies. Done
- 11) Change tab -> go to a messenger type interface.
- 12) Change tab -> go to movie news.
- 13) User edits their list of movies(done??)
- 14) Edit/Save user Profile
- 15) Create/Login account
- 16) Delete/Deactivate the Account
- 17) User rates a movie between 1 and 5.
- 20) Display Average Rating Per Movie

Moderator (Admin of Group Page/Chat) User

- 1) Add/Edit Movie Group Post
- 2) Delete Movie Group Post
- 3) Add User to Movie Group
- 4) Create a Movie Group (T)
- 5) Create/Add/Edit/Delete Group Chat
 - a) Delete/Add User

Super Admin

- **Add roles**
- **Manual moderating the sites/stats**

Use cases	Change tab to “Messenger” tab.
Primary actor	User
Goal in context	The user should be able to switch tabs from home to messenger.
Preconditions	N/A
Trigger	User clicks on tab labeled “Messenger”
Scenario	The user wants to message one of their friends regarding a recent film they watched / reviewed and share their thoughts on this to them. The user should also be able to start new group chats.
Exceptions	User accidentally clicks on this tab?
Priority	Medium
When available	Sprint 4
Open issues	N/A

Use cases	Open the site and login.
Primary Actor	User
Goal in context	Site should open to the home page after the user logs in and display our algorithmically generated list of recommended movies for them
Preconditions	Must have an account
Trigger	N/A (directly redirected to this page after logging in)
Scenario	The user wanted to log into the site so they logged in and were redirected automatically to this home page of our site. They will see a list of currently recommended movies, and will have the option to switch tabs to messenger or movie news as well.
Expectations	N/A
Priority	High
When available	Sprint 2
Open issues	N/A

Use Case (1):	Direct Message (DM) Friends
Primary Actor:	User-User
Goal in Context:	User interactions with other users on the platform.
Preconditions:	User needed to be login. User A must be friend with user B to DM user B.
Trigger:	Click on “DM Friend”
Scenario:	When user A wanted wanted to interact with user B. Interaction can include, but not limited to sharing an movies, casual conversation, etc.
Exceptions:	User A accidentally DM user B.
Priority:	Medium
When available	Sprint 3
Open Issues:	When User abuse the DM capability and annoy other users.

Use Case (1):	Unfriend
Primary Actor:	User
Goal in Context:	A user does not want to be friend with user B.
Preconditions:	User A needed to be logged in and is currently a friend with user B.
Trigger:	Click on Unfriend.
Scenario:	User A doesn't not want to associate with user B in anyways because User B is annoying or spamming A, etc.
Exceptions:	User A accidentally unfriend user B.
Priority:	Medium
When available	Sprint 4
Open Issues:	N/A

Use Case:	Create Normal Users/Profile (A customer end-user)
Primary Actor:	Anyone wanting to use our site.
Goal in Context:	To make an account that they actually can and will use.
Preconditions:	N/A
Trigger:	Click sign up/log in
Scenario:	Input information about demographics (age, gender, region). Input user personal information, such as name, emails. Input initial list of movies/genres they're interested in.
Exceptions:	Inputs wrong information such as special characters, and profanity etc.
Priority:	High Priority
When available	Immediately
Open Issues:	N/A

Use Case:	Edit/Save User Profile
Primary Actor:	Any User
Goal in Context:	When user wants to edit information (profile pic, bio).
Preconditions:	User needed to login and enter their profile to click the edit button.
Trigger:	Click on Edit Profile, and Saved.
Scenario:	Edit information about demographics (region). Add more movies/genres they're interested in. User wanted to edit user profile.
Exceptions:	User enter invalid information.
Priority:	Medium Priority
When available	Sprint 2
Open Issues:	N/A

Use Case:	Deactivate the Account
Primary Actor:	Any User
Goal in Context:	User doesn't want to have an account anymore.
Preconditions:	User needed to login and enter their profile to find the deactivate option.
Trigger:	Click on Deactivate.
Scenario:	The user wishes to deactivate their account. We simply make it invisible to the other users of the website, but keep ahold of all of their data.
Exceptions:	User accidentally deactivates an account.
Priority:	Low
When available	Sprint 7
Open Issues:	N/A

Use Case:	User rates a movie between 1 and 5.
Primary Actor:	Any User.
Goal in Context:	A user wishes to rate a movie that they've seen.
Preconditions:	User needed to be logged in
Trigger:	A user clicks on the rating for the movie.
Scenario:	User searches a movie, and gives a rating for the movie. A user gives the movie a rating from 1 to 5, when 1 is lowest score and 5 is highest score. User can also rerate the movie.
Exceptions:	A user rates a movie without actually watching it.
Priority:	High
When available	Sprint 1
Open Issues:	N/A

Use Case:	Display Average Rating Per Movie
Primary Actor:	Any User
Goal in Context:	Look at the average rating for a certain movie.
Preconditions:	Movie need to to be rated by users.
Trigger:	When users look at movies.
Scenario:	User can see the popularity of a certain movie.
Exceptions:	There are no rating from user.
Priority:	Medium
When available	Sprint 3
Open Issues:	N/A

Use Case:	Algorithm (from our site) recommends movies to a user.
Primary Actor:	Customers who have created an account.
Goal in Context:	Recommend movie based on many things (friends, demographics, etc.)
Preconditions:	User needs to be logged in to his/her account.
Trigger:	The moment a user logs in. The moment they prompt it (i.e. Click on link to display my current top 10 recommended).
Scenario:	When people don't know what to watch, users can use the recommendation. Recommendation by demographic.
Exceptions:	Wrong recommendations (we recommended they've seen already, or they <u>hate</u> it).
Priority:	Highest.
When available	2nd sprint will have a very basic recommendation system (based filtering by demographics and ratings). Will be updating algorithm every sprint. Expected to finish by the fifth sprint.
Open Issues:	Our algorithm will be an open issue always as people's tastes change as time goes along however our job is to have our algorithm adjust to this simultaneously.

Use Case:	Skip Recommended Movie
Primary Actor:	Any User
Goal in Context:	Users tells the site that user doesn't have a strong opinion on the movie that was recommended.
Preconditions:	User must be logged in.
Trigger:	User click on skip
Scenario:	<p>The user simply dismisses the notification of the movie that we have recommended.</p> <p>Someone had recommend a movie and user hit skip. The user dismiss the notification.</p>
Exceptions:	We recommend something that was dismissed.
Priority:	Medium.
When available	Sprint 7
Open Issues:	User bias.

Use Case:	User recommends movie to another user. (sends it as a personal message)
Primary Actor:	Any User to Any user.
Goal in Context:	Being able to share movies with friends.
Preconditions:	Must have be friends on site, must be logged in.
Trigger:	Every movie will have a share button that can be clicked on to share to people/friends.
Scenario:	When user share movie with other users.
Exceptions:	Share recommendation to the wrong person.
Priority:	Low
When available	Sprint 6
Open Issues:	Spam other users with unwanted recommendation.

Use Case:	Want to Watch Later
Primary Actor:	User
Goal in Context:	A list of movies a user might want to watch later.
Preconditions:	User needs to be logged in.
Trigger:	When user hits the Watch Later button.
Scenario:	<p>User want to go look at their personal list of movies user haven't watched.</p> <p>The recommender system can use this data to better recommend user movie. The system can recommend friends to watch it with.</p>
Exceptions:	When user hit a limit in the "Watched Later" list. For example, if the cap is 100 in the list, then user will be prompted to delete something or the system will delete the oldest for the user.
Priority:	Medium.
When available	Sprint 4
Open Issues:	N/A

Use Case:	Search For Movies
Primary Actor:	User, or People on the Internet
Goal in Context:	When a person wants to look up a specific movie.
Preconditions:	N/A
Trigger:	The moment user starts to type something in the search bar. Our system will try predict what user tries to search. Once user hit the “Go” button, it will retrieve the relevant movies.
Scenario:	User wanted to research for a specific movie. As a byproduct, the system will also display the relevant movie. The system can also display ads related to the user search.
Exceptions:	User input is FooBar. When the user search for movie that is not in the database or third party API used by our product.
Priority:	High
When available	Sprint 2
Open Issues:	System retrieved too much irrelevant information or ads.

Use Case:	Top 10 personal movies list
Primary Actor:	User and User's friends
Goal in Context:	<p>Write: User can update their own top 10 list</p> <p>View: (people who can see top 10 list)</p> <p>Privacy: Public: Anyone with an account can see Private: Only user's friends can see</p>
Preconditions:	<p>Write: User must have an account</p> <p>View: Privacy: Public: User must have an account Private: Must be friends with user to see</p>
Trigger:	User that is on own profile can edit top 10 list. User clicks on profile
Scenario:	User that is on own profile can edit top 10 list. User clicks on profile
Exceptions:	N/A
Priority:	Low
When available	Sprint 6
Open Issues:	N/A

Use Case:	Add/Edit Movie Group Post
Primary Actor:	End User in a Movie Group
Goal in Context:	Lets user in movie group add/edit posts to feed
Preconditions:	Must be in a movie group
Trigger:	Go to Movie Group and click on add/edit post
Scenario:	When a user wants to add/edit a post to movie group. Everyone in movie group can view
Exceptions:	Adds post by accident, can delete post. Edits post by accident
Priority:	Low
When available	Sprint 6
Open Issues:	N/A

Use Case:	Create to Movie Group
Primary Actor:	User
Goal in Context:	Want to have a group of people with common interest in movies.
Preconditions:	Must be logged in.
Trigger:	When user click on Create Account
Scenario:	When an admin wants to add user to Movie Group
Exceptions:	Adds wrong user to movie group, can delete if this is the case
Priority:	Low
When available	Sprint 6
Open Issues:	N/A

Use Case:	Add User to Movie Group
Primary Actor:	Admin of Movie Group
Goal in Context:	Let's Movie Group admins add users to the Movie Group
Preconditions:	Must be in a the group
Trigger:	Admin goes to Movie Group and clicks on add user
Scenario:	When an admin wants to add user to Movie Group
Exceptions:	Adds wrong user to movie group, can delete if this is the case
Priority:	Low
When available	Sprint 6
Open Issues:	N/A

Use Case:	Delete Movie Group Post
Primary Actor:	admin in Movie Group
Goal in Context:	Let's Movie group admin in movie group delete posts to feed
Preconditions:	Must be in created movie group, Must be an admin in movie group
Trigger:	Go to Movie Group and click on delete post
Scenario:	When an admin wants to delete a post to movie group
Exceptions:	Deletes post by accident
Priority:	Low
When available	Sprint 6
Open Issues:	N/A

Use Case:	Delete User from Movie Group
Primary Actor:	Admin of Movie Group
Goal in Context:	Allows movie group admins to delete user(s) in the Movie Group.
Preconditions:	Must be admin in created group
Trigger:	Go to Movie Group and click on delete user
Scenario:	When an admin wants to delete user to Movie Group.
Exceptions:	Deletes user by accident, can re-add user if this is the case.
Priority:	Low
When available	Sprint 6
Open Issues:	N/A

The following tables are used to describe the two different types of users we cater to as a company. The first type of user is the “end user” or the “regular user” as defined previously. This first type of user can take on several “roles” including the role of a “customer”, “sales agent”, and finally- a “movie group admin”. A “customer” is a user using the service provided by our company. A “sales agent” is an employee from the company whom is given a dummy account for demoing purposes, to real in investors for the company. A “movie group admin” is the creator of a movie group.

A Website Admin is someone that is hired to manage the website after completion. This will be someone that the startup hires.

WEBSITE ADMINS: Currently we have two use cases for the website admins, we hope to expand this if more use cases are brought up during future meetings.

Use Case	Website Admins - create new roles
Primary Actor:	Website Admin user
Goal in Context:	Admin user can create new roles
Preconditions:	Admin users must log in with their credentials and can view an extra menu that allows them to create new roles.
Trigger:	Some users will have Admin certifications which will give them extended “powers” while using the system attached to their personal accounts.
Scenario:	The Admin user is able to create new roles within the company. The Admin user can change another user roles.
Exceptions:	N/A
Priority:	Medium
When available	Sprint 4
Open Issues:	Requirements to become an admin, what type of roles can an admin create.

Use Case	Website Admins - Update demo user
Primary Actor:	Admin user
Goal in Context:	An admin user is able to make change and updates to a demo account that is created for stakeholders or demos
Preconditions:	An admin user logs in with his/her credentials and is able to see another menu option that allows them to update a demo user account.
Trigger:	Some users will have Admin certifications which will give them extended “powers” while using the system, attached to their personal accounts.
Scenario:	The admin user is able to update a demo account the was previously created.
Exceptions:	Some admin users try to update demo accounts at the same time, which could cause data race issues.
Priority:	Low
When available	Sprint 7
Open Issues:	Requirements to become an admin, what type of updates can an admin make.

End User: As previously stated an End User can have three roles. The tables below will elaborate on the use cases that each individual role has.

Use Cases: (References use cases created previously)	Description for End User - “Customer” :
Create User	Customer can create a personal account
Log in	Once account made, customer can log in whenever they want
Add friend	Customer can add friends from linked account (facebook) or people they searched
Rate Movie	Customer can rate movie 1(horrible)-5 (amazing)
Dismiss	Customer can dismiss recommended movies (automatically rates movie as 0)
Skip	Customer can skip recommended movies (removes it from recommended list, can appear back again later)
Top 10 Personal Movies	Customer can Edit its own list, User can view friends list
Want to watch later list	List of movies Customer wants to see later, can add or remove from this list
Searching for movie	Customer can search for any movies: Actors, Actresses, Genre, Name, Year

Use Cases: (References use cases created previously)	Description for End User - “Sales Agent” :
Create User	Admin creates the sales agent
Log in	Once admin creates sales agent account, can log in whenever they want
Rate Movie	Can rate movies from 1(horrible)-5 (amazing). Won't make database changes
Dismiss	Can dismiss recommended movies (automatically rates movie as 0)
Skip	Can skip recommended movies (removes it from recommended list, can appear back again later)
Top 10 Personal Movies	User can Edit its own list, User can view friends list
Want to watch later list	List of movies User wants to see later, can add or remove from this list
Searching for movie	Search for any movies: Actors, Actresses, Genre, Name, Year

Use Cases: (References use cases created previously)	Description for End User- “Movie Group Admin” (extends End User - customer)
Add Movie	Adds content to movie group
Group Post	Adds users to movie group
Delete Post	Deletes content from movie group
Delete User	Deletes users to movie group
Add Role	Can give roles to users in movie group