

Software Requirements Specification (SRS) Document

Project

MOVIEO - A Social Community for Lovers

Team

TEAM 10 - FiniteLoop

Link to Status Tracker: <https://trello.com/b/mDJyPkJJ/ssad-project>

Description

MOVIEO is a Social community for Movie Lovers. It is the first Indian platform dedicated to movie lovers which focuses on Movie Fans (Moviegoers) rather than critics.

The platform would source data from various social platforms and predicts the success and returns of the movie based on sentiment analysis. It would analyze various aspects of the movie in details such as Plot, Cinematography, Music, Script, etc based on user reviews.

This platform would enable users to review movies themselves and other users can view them. This would enable significant contributions by Movie Lovers instead of critics, whose views can sometimes be biased. This also allows movie goers to connect with each other.

The basic idea behind MOVIEO is to create a consolidated movie viewing experience. It also integrates the reviews and comments of celebrities worldwide on trending movies across the globe in the form of Tweets and Facebook Posts.

System requirements

Development Requires the following technologies:

- Python Django
- MongoDB
- Java
- HTML/CSS
- JavaScript / AngularJS
- meteorJS / telescopeJS
- vim equipped with python, MySQL plugins.
- Android Studio
- Light Studio, PyCharm, WebStorm : IDEs

Users profile

Public, Students, Celebrities, Movie Directors, Critics everyone will be using the Movieo App which is available both for Android Phones as well as Desktops. In current version, it will be having the same mode for everyone. Everyone will be able to view movies, reviews and celebrity profiles.

Admin or the people at higher level would be able to add new movies, edit the details of movie etc. Basically they will manage the CMS.

The application requires basic familiarity with mobile devices like scrolling, typing, searching, operating Android OS (if mobile), using Internet etc.

Feature requirements (described using use cases)

Use Cases where user will be the actor

No.	User Case Name	Description	Release
1.	Account Settings	You can edit your profile i.e change password,user name etc.	
2.	Sign In	You can log in with Facebook or register in the site itself.	
3.	Request for adding movies	A user can request the admin to add movie reviews of any movie which is not present in the site.	
4.	Add Quotes	Admin needs to approve what the user posts	
5.	See Reviews	Any user can see review written by any other user	
6.	Follow a user	Any user can follow another user to get the updates from that user just like twitter	
7.	Search	Any user can search for movies or reviews using tags or phrases	
8.	Watch List	Stores the names of all the movies that the user has watched and/or reviewed.	
9.	Create or manage lists	The user can create and manage custom lists.	

Use Cases where Admin will be the actor

No.	Use Case Name	Description	Release
1.	Sign In	Custom and Facebook Login(app page). Facebook Login is to post in movieo app page.	
2.	Filter Quotes	Every Submitted Quote/Goof would go for admin approval.Admin can approve,disapprove,edit the quotes.	
3.	View Movie Requests	User can suggest a movie to add to our database.	
4.	Manage Users	Admin can delete any user and their posts etc.	
5.	Edit Movie Data	Admin can edit the movie details,photos and videos description.	
6.	Add movies to DB	Admin can add movies and its profile.	
7.	Add videos	Description about the video.	
8.	Add photos	Description about the photo.	

Use case diagram

The use case diagram has been broken into two parts, just to fit in the space. One is from the app users perspective and other from Admin's.

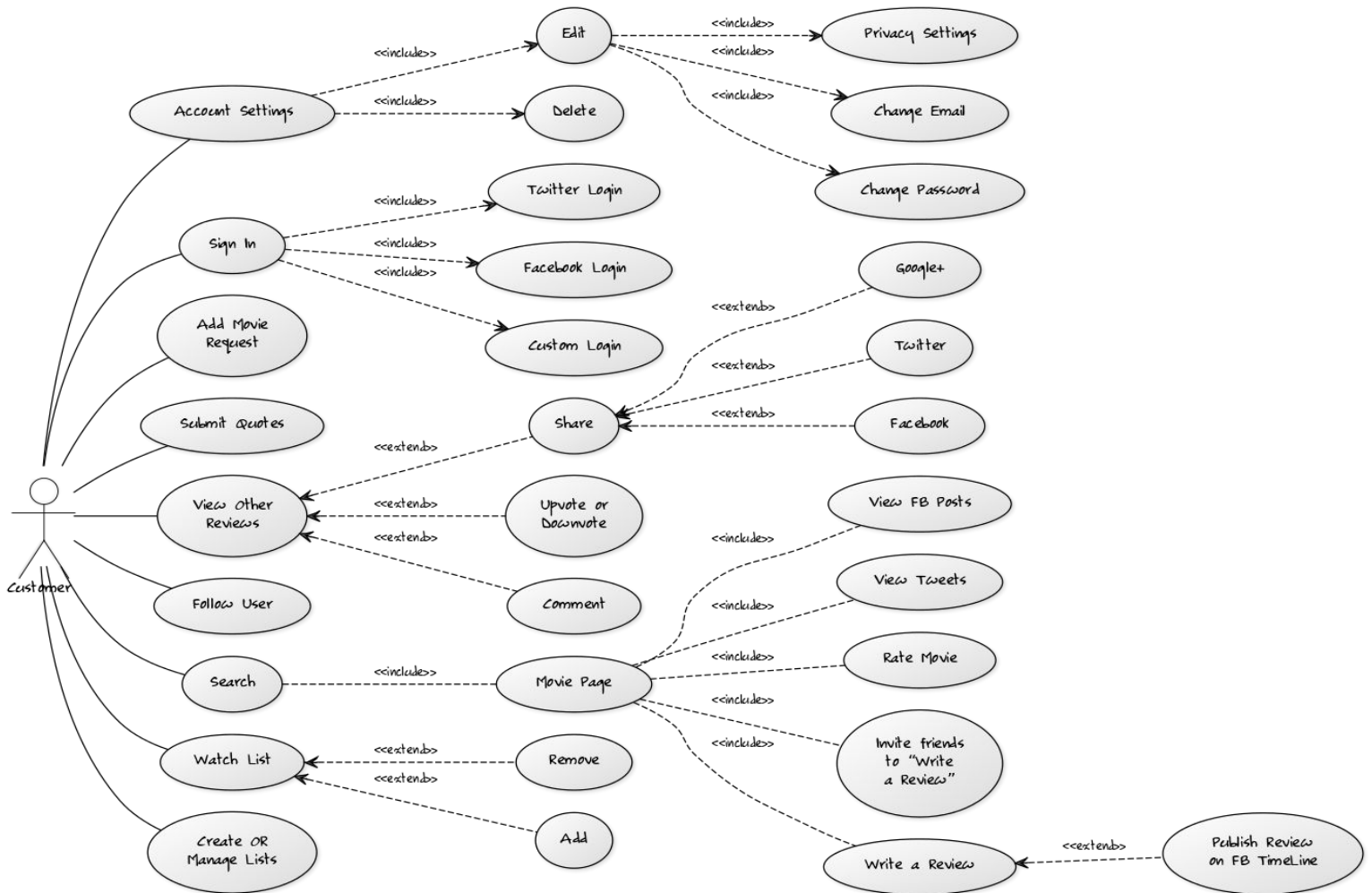


Fig. Use Case Diagram I

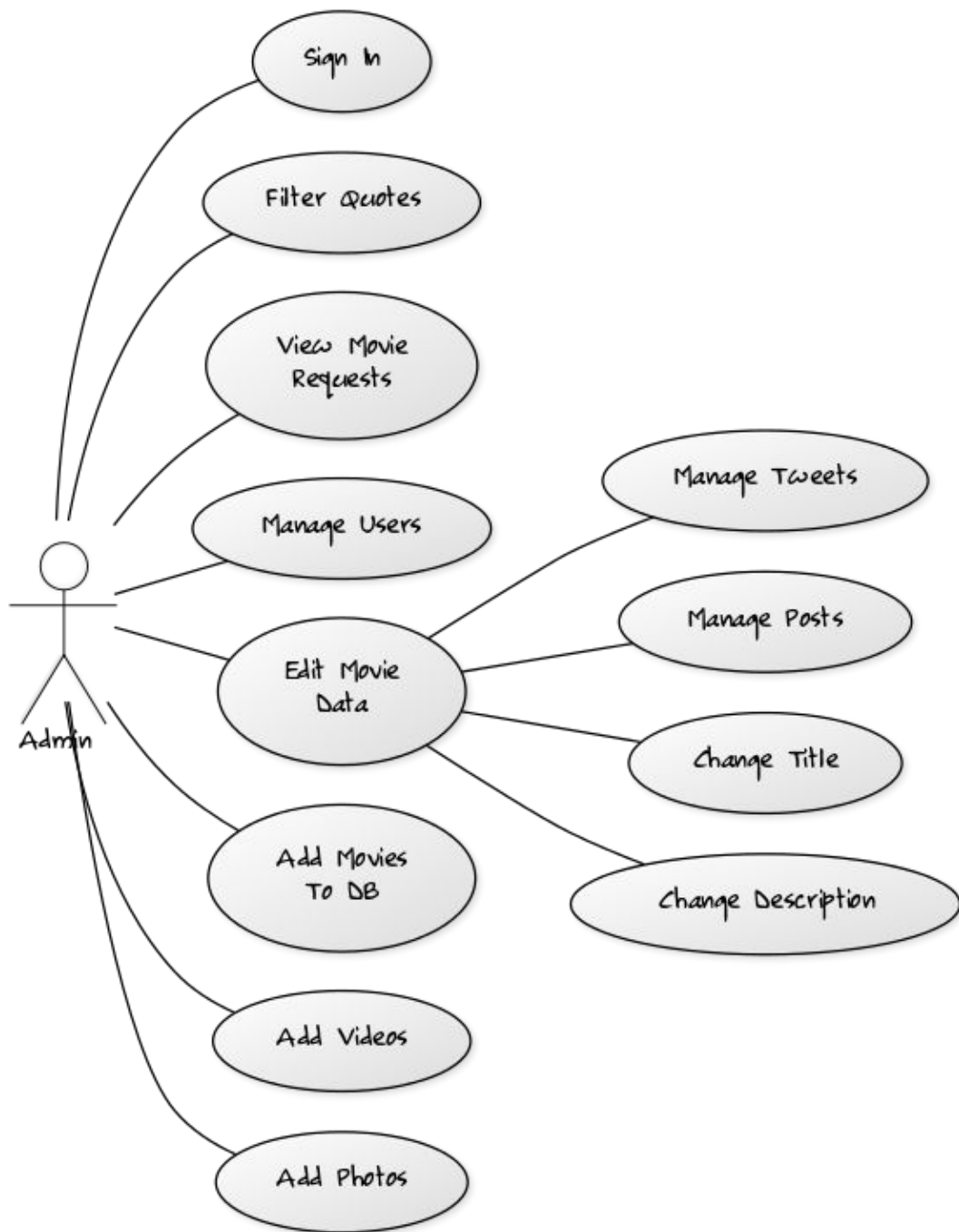


Fig. Use Case Diagram II

Use Case Description

CUSTOMER USE CASES:

Use Case Number:	UC-01
Use Case Name:	Account Settings
Overview:	Change Personal Details.
Actors:	Customer/User
Pre condition:	User must be registered and logged into either the website or the mobile application.
Flow:	Main (success) Flow: <ul style="list-style-type: none">1) User changes his profile pic or user name or password2) For verification, the request is sent to the back end with new data.3) It gets updated in the database4) His/her information would get changed
	Alternate Flows: <ul style="list-style-type: none">1) The requested user name or password may not match the minimum validation criteria.2) User with requested user name may already be there.3) User is notified to choose different user name/password or keep the previous one.4) Profile pic exceeds the maximum size limit.
Post Condition:	User is able to see the updated user name, or the new profile pic. If the user changed his password, he should be able to log in with new password form next time and not the old one.

Use Case Number:	UC-02
Use Case Name:	Sign In
Overview:	A user should be able to sign in into his/her particular profile
Actors:	Customer/User
Pre condition:	User should register in the site with valid e-mail and password
Flow:	Main (success) Flow: <ol style="list-style-type: none"> 1) User should type in his/her valid e-mail and password 2) If there are no typing errors and if the email and password match then the user will be able to sign in 3) Will be able to view all movie reviews and things which other people post.
	Alternate Flows: <ol style="list-style-type: none"> 1) If the person forgets the password a new randomly generated password would be sent to his e-mail 2) He can change the password in the account settings after logging in 3) He can also use the other forms of login like facebook login.
Post Condition:	He/she can view reviews about movies and the trending movies etc offered by our site .

Use Case Number:	UC-03
Use Case Name:	Send request to add movies
Overview:	The user can send requests to the admin to add a specific movie not present
Actors:	User/Customer
Pre condition:	<ol style="list-style-type: none"> 1) He/she should have an account in the site to be able to send requests.
Flow:	<p>Main(success) flow:</p> <ol style="list-style-type: none"> 1) A user can send a request to the admin saying that a movie should be added so that the user can see the reviews of other people about the movie or in order to give a review about the movie. 2) Admin reviews the request and verifies the movie/ TV show suggested with its cast and crew to be genuine. 3) It is added to the movie list. 4) People can rate, review and comment on the movie as with the other movies.
	<p>Alternate Flow:</p> <ol style="list-style-type: none"> 1) Movie is already there, email is sent to the user who requested with the link of movie page and other details. 2) No such movie exists. 3) The movie may not meet the standards to be put in the database.
Post Condition:	A new movie would be added to the database along with reviews about the movie.

Use Case Number:	UC-04
Use Case Name:	Submit Quotes
Overview:	Quotes can be submitted by the user regarding any movie
Actors:	User
Pre condition:	<ol style="list-style-type: none"> 1) User must have an account in the site and be logged in. 2) Movie exists for which he is submitting the quote.
Flow:	Main(success) flow: <ol style="list-style-type: none"> 1) User can add quotes to the movies reviews. 2) Admin will validate the quotes/goofs 3) Then it will be posted
	Alternate flow: <ol style="list-style-type: none"> 1) If the quotes/goof contains graphic details they are removed by the admin 2) Minimum 50 words 3) Offensive language shouldn't be used.
Post Condition:	User will be able to post quotes regarding any movie

Use Case Number:	UC-05
Use Case Name:	View Other Reviews
Overview:	The reviews written by other people can be seen by the user.
Actors:	User
Pre condition:	An unlogged user can also see the reviews by others.
Flow:	<p>Main(success) flow:</p> <ol style="list-style-type: none"> 1) User can add reviews to the movies(good/bad) 2) He/She would get upvotes for the reviews 3) If his/her review gets the most upvotes they would be offered some goodies

Use Case Number:	UC-06
Use Case Name:	Follow Users
Overview:	A user can follow another user if he/she likes his/her reviews
Actors:	User
Pre condition:	User must be logged in.
Flow:	Main(success) flow: <ol style="list-style-type: none"> 1) If a user likes reviews written by a specific person he can follow that person to get updates of that person on his timeline as in Twitter. 2) Person will be automatically following all his Facebook friends if signed up through Facebook.
	Alternate flow: <ol style="list-style-type: none"> 1) He can also unfollow them again if he/she wants 2) A person may reach a maximum number of followers.
Post Condition:	He will be getting updates from the person whom he followed, like whenever the other person writes a review etc.

Use Case Number:	UC-07
Use Case Name:	Search
Overview:	A user can search for movie names. Can also use tags for searching.
Actors:	Customer
Pre condition:	User must be logged in.
Flow:	Main(success) flow: <ol style="list-style-type: none"> 1) User enters search terms in search bar. Can also enter multiple tags for searching. 2) Upon a partial match, all movie names corresponding to the query are displayed. 3) Upon a complete match, the movie page is directly displayed. 4) The user can see the tweets/posts/rating/reviews of the movie on the movie page. 5) From the movie page, the user can also write a review or invite friends to review the movie.
	Alternate flow: <ol style="list-style-type: none"> 1) If the search terms do not match any movie, then the user is redirected to a "No results found" page.
Post Condition:	If there is a definite match, then the matched movie's page should be displayed.

Use Case Number:	UC-08
Use Case Name:	Watch List
Overview:	The watch list stores the names of all the movies that the user has watched and/or reviewed. This enables the user easy access to his previously reviewed movies, as well as the movies he/she has watched but hasn't reviewed yet.
Actors:	Customer/User
Pre condition:	Customer should be logged in.
Flow:	Main (success) Flow: <ol style="list-style-type: none"> 1) User clicks on "Add to Watch List " button on a Movie Page. 2) The watch list of the user in the database is updated. 3) Movie Name (with link) gets appended to the user's watch list
	Alternate Flows: <ol style="list-style-type: none"> 1) If the movie has not yet been released, then the user gets a notification "The movie cannot be added to watch list yet." 2) If the movie is already in the watch list, then the user gets a notification "The movie is already present in the watch list."
Post Condition:	The movie must appear in the user's watch list after the main flow is completed.

Use Case Number:	UC-09
Use Case Name:	Create or Manage Lists
Overview:	The user can create and manage custom lists. These lists can be any collection of movies/celebrities/reviews that the user wants to store. For ex - "My favorite horror movies"
Actors:	Customer/User
Pre condition:	Customer should be logged in.
Flow:	<p>Main (success) Flow:</p> <ol style="list-style-type: none"> 1) If user chooses to create a new list, then a new list with the given name will be created and the user will be redirected to its edit page. 2) In the manage/edit page of a list, a user can: <ul style="list-style-type: none"> • delete the list • add/remove entries from the list. • change the order in which list items are arranged. 3) After making all the changes, the list gets updated in the database.
	<p>Alternate Flows:</p> <ol style="list-style-type: none"> 1) If a list containing the exact name exists, then the user gets a notification "Please use a different name as another list with the same name already exists."

ADMIN USE CASES:

Use Case Number:	UC-02
Use Case Name:	Filter Quotes
Overview:	Quotes sent by users, filtered before attaching it to the movie.
Actors:	Admin
Pre Condition	He/She should have account in Admin database.
Flow:	Main (success) flow: <ul style="list-style-type: none">1) Admin can approve quotes/goofs posted by the user.2) He may consult other people also.3) The quote appears in the quotes section of that movie and the author being the user who requested.4) Every user can see this quotes.
	Alternate Flow: <ul style="list-style-type: none">1) Admin can disapprove the quote or can keep the quote in pending.2) Request for quote can be rejected if duplicate.3) Only admin can see the disapproved, pending quotes.
Post-Condition:	The quote appears in the quotes section of that movie and the author being the user who requested.

Use Case Number:	UC-01
Use Case Name:	Sign In
Overview:	Admin can sign in into the app in order to update things
Actors:	Admin
Pre condition:	Admin must know his/her user name and password
Flow:	Main(success) flow: <ol style="list-style-type: none"> 1) Admin can add videos,pictures etc. 2) He/she can remove obsolete comments and reviews 3) He/she can view every profile

Use Case Number:	UC-03
Use Case Name:	View movie request
Overview:	Admin can see the movie requests suggested by any user
Actors:	Admin/User
Pre condition:	Admin and user should have an account
Flow:	Main(success) Flow: <ol style="list-style-type: none"> 1) The admin page has a tab containing the movie requests sent by the users 2) The admin would see those and add the movies to the database so that the people can comment and review on them.
	Alternate Flow: <ol style="list-style-type: none"> 1) If a user sends a movie name and it already exists then the admin will not have to add it
Post Condition:	New movie would be added to the database.

Use Case Number:	UC-04
Use Case Name:	Manage Users
Overview:	Admin can delete any user and their posts
Actors:	Admin
Pre-Condition	He/She should have account in admin database and movie should be present in movie database.
Flow:	Main (success) flow: <ol style="list-style-type: none"> 1) Depending on the issues on particular post the admin can delete that post. 2) The post will be removed from database.
	Alternate Flow: <ol style="list-style-type: none"> 1) Depending on issues on user the admin can remove the user. 2) User profile,quotes,goofs everything will be deleted from database. 3) User is kept blocked.
Post-Condition:	<ol style="list-style-type: none"> 1) User is not able to log in, if blocked. 2) Need to sign up again.

Use Case Number:	UC-05
Use Case Name:	Edit Movie Data
Overview:	Admin can edit the movie details.
Actors:	Admin
Pre Condition	Need to be logged in as Admin. Movie being edited needs to be there.
Flow:	Main (success) flow: <ol style="list-style-type: none"> 1) Admin can edit the movie profile based on the suggestions given by the user or by the information available. 2) Can edit the Cast & Crew member details, movie description, shooting details, facts, dates etc.
	Alternate Flow: <ol style="list-style-type: none"> 1) Editing details of a movie beyond a certain popularity level may not be permitted.
Post-Condition:	Movie details will be updated.

Use Case Number:	UC-06
Use Case Name:	Add Movie
Overview:	Admin can add movies to the database.
Actors:	Admin
Pre-Condition:	The movie which is going to be added shouldn't be present in movies database.
Flow:	Main Flow: <ol style="list-style-type: none"> 1) Admin take a movie suggested by user. 2) Check whether the movie is present in database. 3) If not fetch the information about that movie and create its profile.
	Alternate Flow: <ol style="list-style-type: none"> 1) If the movie is present in databases admin doesn't make any changes.
Post-Condition:	<ol style="list-style-type: none"> 1) Movie added will appear in the all movie list as well as in different lists on the basis of categories it belongs to. 2) User can review it, rate it and share the links.

Use Case Number:	UC-07
Use Case Name:	Add video
Overview:	Admin can add videos related to movie
Actors:	Admin
Pre-Condition	<ol style="list-style-type: none"> 1. He/She should have account in admin database. 2. Movie should be there in the database.
Flow:	Main flow: <ol style="list-style-type: none"> 1) Admin uploads the video related to movie. 2) Admin enters the description about the video. 3) Can post the link of the video on social pages of the application.
	Alternate Flow: <ol style="list-style-type: none"> 1) The video size exceeds the maximum limit permissible.
Post-Condition:	All users can watch the video.

Use Case Number:	UC-08
Use Case Name:	Add photos
Overview:	Admin can add photos related to movie
Actors:	Admin
Pre-Condition	He/She should have account in admin database.
Flow:	Main flow: <ol style="list-style-type: none"> 1) Admin should upload the photos related to movie. 2) Admin should enter the description about the photo. 3) Can post the photo on social pages of application.
	Alternate Flow: <ol style="list-style-type: none"> 1) The video size exceeds the maximum limit permissible.
Post-Condition:	All users can view the photo.