

# Requirement Gathering Questions

Darian

- When a user (viewer, for example) logs in, what should they see on their “home” page?
- What features should be available to viewers currently watching a movie?
- Should viewers be able to view and edit their own feedback for movies as well as marketing managers?
- How are content editor and marketing manager accounts created?

Luis

- When a marketing manager logs in what types of analytics and feedback should they see?
- What type of rating system would you like? One to 5 stars, thumbs and thumbs down, or comments
- Do content editors and marketing managers have the ability to watch movies as a user would. Or would you like them to all be separate?
- Do you want viewing users to be able to have multiple profiles
- Do you want viewing users to be able to sort by categories
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## Gathered Responses/Requirements

- Count of likes and views from viewers
- Viewer has least privileges, marketing managers and content creators get extra privileges to do their jobs (eg. marketing managers and content creators can watch movies too)
- Any user can register for any role
- Marketing manager can see likes and dislikes of movies on their “dashboard”. Viewers can leave feedback but cannot see results. Content editors can leave comments for viewers and marketing managers to see
- Users can have multiple profiles with their own watched movies, etc. (This is something of an extra feature)
- Viewers can of course search for videos/movies
- “Next” button to skip the video forward 15 seconds
- Mute, volume bar, play/pause button
- Marketing manager sees data in a table: Movie, likes, dislikes, views, maybe content editor comments (combination of aggregate and individual reviews)

- All “popular” video formats (mp4 and mov most important, but support as many as possible)
- No video uploading page (video uploading done manually by some admin)
- Just movies, no TV shows, etc.
- Marketing managers and content editors should have access to the same data for movies, the data being comments and/or checkboxes/tags
- A “lockout” of sorts where viewers are limited to watching 3 movies per day (defined as when they start watching the movie, so if they disconnect for example it still counts towards the limit) (Asked by another group, we may not have to do this if we don’t want to)

## User Stories

Priority: top most important, bottom least important

- As a user that wants to make an account, I can register using my email address, username, and a password, as well as choose a role on sign up.
- As a viewer with an account, I can log into the site in order to see a list of movies.
- As a logged-in viewer, I can search for movies that I want to watch.
- As a marketing manager, I can log into the site in order to view analytics from viewers, including like count, comments from viewers, reviews from content editors, and view count
- As a content editor I can log into the site in order to leave reviews on movies
- As a logged-in viewer, I can view reviews on movies from content editors (NOT comments from viewers!)
- As a viewer with an account, I can see movies recommended by a content editor.
- As a viewer with an account, I can give feedback on movies that I have watched for marketing managers to see.
- As a viewer with an account, I have access to basic video controls such as volume and time skip in order to control video playback, to allow for ease of use.

EXTRAS that were done:

- Searching by category
- Usage of PUG
- Usage of Docker
- Usage of express-session, connect-mongo
  - Cookie data on the server-side is stored in the same MongoDB Database as the rest of the information used for the site
- Lots of CSS styling
- TEST environment auto-redeploys

Extra Feature(s) (if we have the time and resources):

- As a viewer with an account, I can have multiple profiles each with unique movies watched to allow multiple family members to use my account without affecting my profile.

## User Stories Feedback

- Split stories apart, don't "kill 2 birds with one stone"
- Organize list: high priority at the top
- Note relationship between marketing manager and content editor

## System Requirements

- Technologies
  - Node.js related technologies (React, etc.)
  - MongoDB
  - Docker (server deployment)
- Users
  - Content Editors and Marketing Managers are also Viewers. Viewers have the permissions needed to watch movies and leave feedback, while Content Editors and Marketing Managers have the required extended permissions to do their work (They each have Viewer permissions + additional needed)
  - (Users or each profile, undecided) can only watch 3 movies per day (defined as when they start watching the movie, so if they disconnect for example it still counts towards the limit)

### Information to reference, copied from assignment document

Requirements: Your requirements should be written in the form of "user stories". Each user story should contain the following:

1. a role, starting with "as a" to indicate whose perspective is being considered;
2. a benefit statement, starting with "in order to", to describe the motivation for that feature;
3. a capability, starting with "I can/should", to describe what the feature accomplishes.

A few examples follow.

- As a registered blogger user, in order to critic new movies, I can see a list of new release movies, most recent first.
- As the product owner, in order to track number of registration of the app, I can log in to an analytics dashboard to see how many users have been using the app recently.
- As a logged-out user with an account, in order to use the app in a personalized way, I can type my email address and password to log in to the app.

For this assignment, work with your client (instructor) to capture user stories for all of the features that (s)he envisions. Also, work with your client to categorize the user stories into “need-to-have” features versus “nice-to-have” features.

There will be three different types of roles:

- 1) Content editor: who add/remove the movie based on marketing manager's feedback
- 2) Viewer: Who watch the movie
- 3) Marketing manager: who checks the analytics and leave feedback for content editor

## General Notes

- User requirements vs. System requirements: user stories are what the users can do, system requirements are the other requirements like .mp4 formats, etc. (keep this in mind when writing user stories)
- Node AND related technologies allowed (we can use React, but not .net, php, etc.)

## Important Things to Consider and Address

- What should happen when someone deletes a movie?
- How should the movie video file be sent? (chunks, all-at-once, etc.) (may be difficult to code) (CONSIDER npm package “video-stream”)
  - The suggestion is to send x frames or x seconds ahead of where the viewer is at in the movie, avoid sending the whole movie at once or buffering too much/too little