

ER: Requirements Specification Component

The Popcorn Post aims to be the go-to collaborative news platform where cinema and entertainment enthusiasts actively engage, share, and explore their passion while fostering a trusted and vibrant community.

A1: The Popcorn Post

The Popcorn Post is a cutting-edge web-based platform designed for individuals who are deeply passionate about cinema, TV shows, and the ever-evolving world of entertainment. Developed with a shared eagerness for all things screen-related, The Popcorn Post is set to be the epicenter for enthusiasts to come together, share news, and explore their interests in the cinematic industry.

At the core of The Popcorn Post's mission is the creation of an interactive collaborative news website. Our aim is to provide a vibrant online space where entertainment enthusiasts actively participate in creating, sharing, and discussing cinema-related news articles. This platform empowers users not only to consume but also contribute to the news articles, fostering a sense of community through features that enable following fellow users and tags, therefore staying connected with their preferred entertainment niches.

Additionally, The Popcorn Post incorporates a robust rating and reputation system. This system empowers users to evaluate news and comments, allowing for the recognition of contributors who consistently provide valuable and reliable content. The reputation system further enhances the sense of trust and accountability within our community, encouraging high-quality engagement and content creation.

Users will be categorized into three specific groups: non-authenticated users (guests), authenticated users (members), and administrators. The Popcorn Post prioritizes user authentication to ensure secure access. Guests can easily register and log in, unlocking personalized content and privileges such as posting news articles and following their favorite tags. Additionally, administrators possess the power to oversee content and user accounts, creating a safe and interactive environment with the ability to manage topics, tags and content when necessary. Members enjoy autonomy in managing their content and preferences.

Our advanced search feature simplifies content discovery, allowing users to locate specific users, tags, and articles effortlessly through various filters like topics and popularity. Users can explore the latest news, trending tags, or top-rated news, enhancing their content exploration experience.

For members, core features come to life, enabling them to create, share, rate, and comment on news articles. Members can also manage news articles and comments authored by them, as well as reply to other members' comments in an article. The Popcorn Post serves as a vibrant hub for user-generated content and collaboration.

The platform is designed to empower members to share their passion through content creation and curation, further enriched by a robust rating system that elevates content quality. A reputation system recognizes dependable contributors, nurturing trust within the community.

Every user has the capability to view other user profiles, and members can edit their own profiles, ensuring a personalized and engaging experience on The Popcorn Post.

A2: Actors and User stories

This artefact outlines project requirements, including actor roles, user stories and other supplementary requirements.

1. Actors

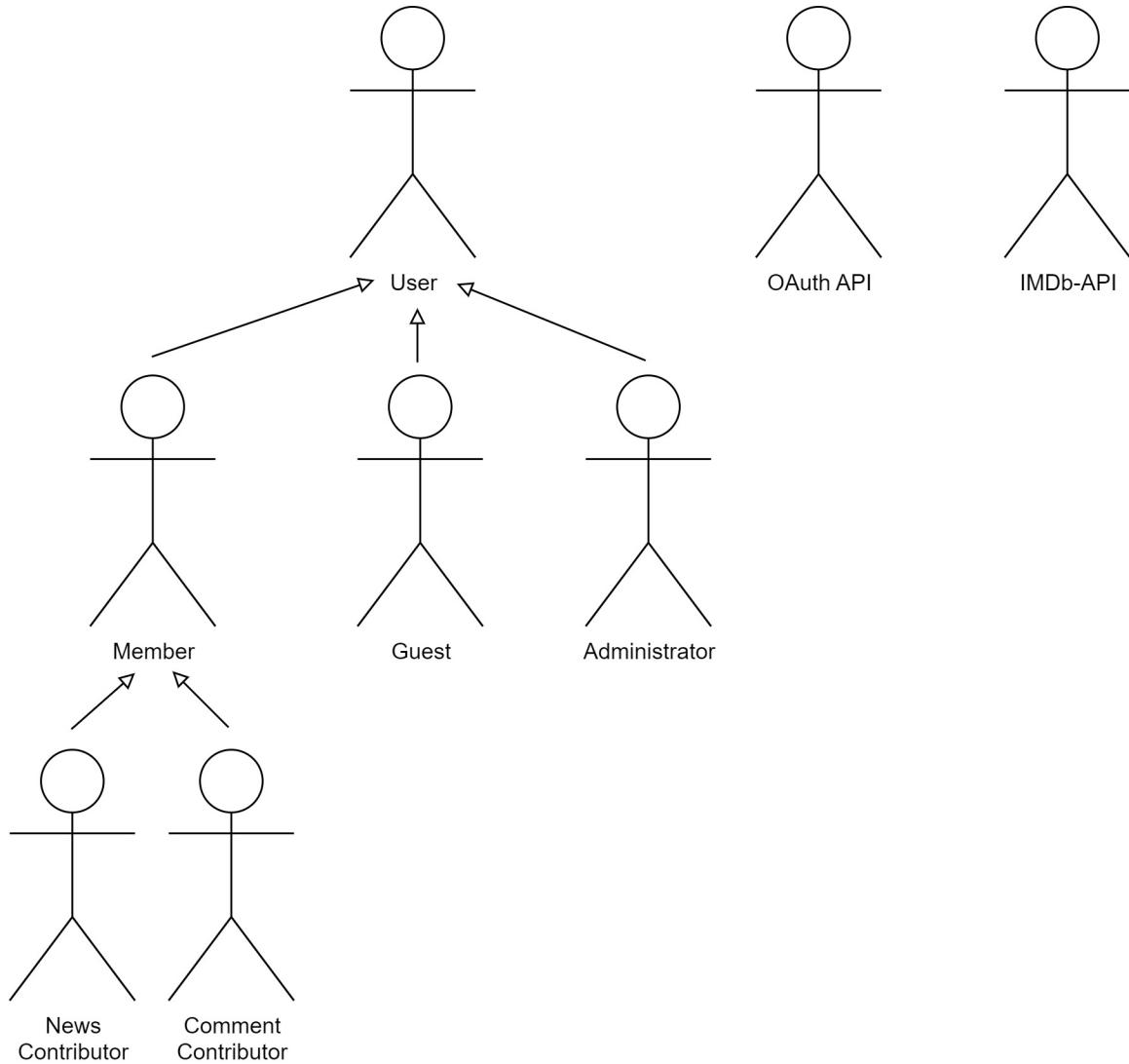


Figure 1: The Popcorn Post's actors.

Identifier	Description
User	Generic user that has access to public information, such as news articles, comments, and topics.
Guest	Unauthenticated user that can register themselves (sign-up) or sign-in in the system.
Member	Authenticated user that is able to post news articles and comments, as well as edit all news articles and comments authored by themselves. A member is also capable of following other members and tags, and upvoting or downvoting news articles and comments authored by other members.
News Contributor	Authenticated user that belongs to the same location as the creator of a news article and is able to edit or delete the existing information.
Comment Contributor	Authenticated user that belongs to the same location as the creator of a comment and is able to edit or delete the existing information.
Administrator	Authenticated user that is responsible for managing users and monitoring content (i.e., news articles, comments, tags, and topics).
OAuth API	An external OAuth API that enables user registration or authentication within the system.
IMDb-API	An external IMDb API that provides essential movie and TV show data, enriching the platform with up-to-date information from the world of entertainment.

Table 1: The Popcorn Post actors' description.

2. User Stories

2.1. User

Identifier	Name	Priority	Description
US001	View Top News	High	As a user, I want a page of top news, so that I can view the most upvoted news in a selected time frame.
US002	View News Items	High	As a user, I want to access news items, so that I can see articles in further detail, such as their full extent, comments and related news.
US003	Exact Match Search	High	As a user, I want to use exact match search, so that I can quickly and precisely find the specific information or content I'm looking for.
US004	Full-Text Search	High	As a user, I want to use full-text search, so that I can find a variety of differently related content.
US005	View Recent News	Medium	As a user, I want a page of recent news, so that I can view the latest news.
US006	View News Item Comments	Medium	As a user, I want to view news item comments, so that I can stay informed about public opinion and discussions about current events.
US007	Search for News Items and Comments	Medium	As a user, I want to search for news items and comments, so that I quickly find information on specific themes of interest.
US008	Search Over Multiple Attributes	Medium	As a user, I want to search over multiple attributes, so that I can find content that fits a certain time interval, amount of upvotes or downvotes or others.
US009	Search Filters	Medium	As a user, I want to apply search filters, so that I can specify the type of content I am looking for.
US010	Placeholders In Form Inputs	Medium	As a user, I want to have placeholders in form inputs, so that filling different forms (e.g., creating news articles, registration, etc.) is more intuitive.
US011	Contextual Error Messages	Medium	As a user, I want to receive contextual error messages, so that I can understand why an action or input failed and take appropriate corrective actions efficiently.
US012	Contextual Help Clues	Medium	As a user, I want contextual help clues, so that I can navigate and utilize the system more effectively.
US013	'About US' Section	Medium	As a user, I want an 'About US' section, so that I can have a better understanding of the platform's main goal and motivation.
US014	Main Features Section	Medium	As a user, I want a main features section, so that I can read about available key features within the platform that could otherwise go unnoticed.

US015	Contact Information	Medium	As a user, I want contact information, so that I can get custom support for more complex issues within the platform.
US016	Order Search Results	Low	As a user, I want to order search results, so that information is displayed and sorted according to what I deem most relevant.
US017	Related News	Low	As a user, I want to see related news when reading an article, so that I can explore the themes of the article further and stay informed.
US018	Same Author News	Low	As a user, I want to receive suggestions for more articles by the same author of the news item I am reading, so that I can easily explore more of their work.
US019	View Tag Page	Low	As a user, I want to view a dedicated tag page, so that I can explore all the news articles and discussions related to a specific theme.
US020	Search for Tags	Low	As a user, I want to search for tags, so that I can easily find and explore specific themes.
US021	Search for Users	Low	As a user, I want to search for users, so that I can easily find and explore content by specific users.
US022	Order comments	Low	As a user, I want to order comments inside a news article, so that comments are displayed and sorted according to what I deem most relevant.
US023	Trending Tags	Low	As a user, I want to see trending tags when I'm reading my feed, so that I can stay informed about popular and current themes within the community.

Table 2: User's user stories.

2.2. Guest

Identifier	Name	Priority	Description
US101	Login	High	As a guest, I want to login into the platform, so that I can access my personalized content and features.
US102	Register	High	As a guest, I want to register on the platform, so that I can create an account where I can have a more personalized experience with the platform.
US103	Recover Password	Medium	As a guest, I want to be able to recover my password, so that I can regain access to my account in case I forget or lose my password.

Table 3: Guest's user stories.

2.3. Member

Identifier	Name	Priority	Description
US201	Logout	High	As a member, I want to log out of the platform, so that my account privacy is secured.
US202	View News Item Details	High	As a member, I want to view news item details, so that I can see its author, publication date, votes, and other exclusive information.
US203	Member News Feed	High	As a member, I want to access a customized news feed, so that I can view content related to my interests (i.e., tags and members I follow).
US204	View Other Members' Profiles	High	As a member, I want to view other members' profiles, so that I can see news articles they authored and follow them.
US205	View Profile	High	As a member, I want to view my profile, so that I can review and manage my personal information, preferences, and activity on the platform.
US206	Edit Profile	High	As a member, I want to edit my profile, so that I can update my personal information, preferences, and other details to ensure my profile reflects my current status and interests accurately.
US207	Create News Items	High	As a member, I want to create news items, so that I can write about and share recent news.
US208	Comment on News Items	Medium	As a member, I want to comment on news items, so that I can share my opinion of news articles of interest.
US209	View Comment Details	Medium	As a member, I want to view comment details, so that I can view its author, publication date, votes, and others.
US210	Vote on News Items	Medium	As a member, I want to vote on news items, so that I can evaluate news according to their relevance or quality.
US211	Vote on Comments	Medium	As a member, I want to vote on comments, so that I can evaluate comments according to their relevance or quality.
US212	View Reputation of Other Members	Medium	As a member, I want to view the reputation of other members, so that I can evaluate a member's content liability.
US213	View News Item Tags	Medium	As a member, I want to view news item tags, so that I can follow tags of interest or view relevant news related to them.
US214	Follow/Unfollow Members	Medium	As a member, I want to follow/unfollow members, so that I can change whether or not their content is displayed on my customized feed.

US215	Follow/Unfollow Tags	Medium	As a member, I want to follow/unfollow tags, so that I can change whether or not content related to those tags appears on my customized feed.
US216	Upvote Notifications	Medium	As a member, I want to receive notifications when my content gets upvoted, so that I can track community feedback on my content.
US217	Comment Notifications	Medium	As a member, I want to receive notifications when my content gets comments, so that I can track community opinions and activity related to my content.
US218	Delete Account	Medium	As a member, I want to be able to delete my account, so that I have control over my personal data and can ensure that my information is no longer accessible or used by the platform.
US219	Profile Picture	Medium	As a member, I want to have a profile picture, so that my profile feels more personal and further emphasizes the personality behind my content.
US220	View Personal Notifications	Medium	As a member, I want to view personal notifications, so that I can easily keep up with the community activity related to my articles and comments.
US221	Propose New Topics	Low	As a member, I want to propose new topics, so that news articles may fit topics currently not present in the platform.
US222	Add/Remove News Items from Favorites	Low	As a member, I want to add/remove news items from favorites, so that I can save news articles I want to view later.
US223	Report Members or Content	Low	As a member, I want to report members or content, so that administrators take notice of inappropriate content or behavior within the platform.
US224	Appeal for Unblock	Low	As a member, I want to appeal for unblock, so that I can rectify possible misunderstandings and be justly unblocked.
US225	Reputation Based Tiers	Low	As a member, I want to have different tiers based on my reputation, so that the recognition for my contribution is highlighted.
US226	Reply to Article Comments	Low	As a member, I want to reply to article comments, so that I can engage in conversations, share my thoughts, and contribute to discussions related to the article.
US227	Comments Tab on Members' Profile	Low	As a member, I want to see a comments tab on members' profile, so that I can easily track the activity of other members.
US228	"Following" Section	Low	As a member, I want to have a dedicated "Following" section, so that I can manage members and tags I follow.

Table 4: Member's user stories.

2.4. News Contributor

Identifier	Name	Priority	Description
US301	Edit News Items	High	As a news contributor, I want to edit news items authored by me, so that I can enhance the article information or correct possible inaccuracies.
US302	Delete News Items	High	As a news contributor, I want to delete news items authored by me, so that I can remove any articles I've submitted that are no longer relevant or accurate.
US303	Highlight Person/Movie	Low	As a news contributor, I want to highlight a person or movie related to the article, so that further information about them (e.g., brief description, rating, etc.) can be displayed adjacently to the article.

Table 5: News Contributor's user stories.

2.5. Comment Contributor

Identifier	Name	Priority	Description
US401	Edit Comments	Medium	As a comment contributor, I want to edit comments, so that I can enhance their information or correct possible inaccuracies.
US402	Delete Comments	Medium	As a comment contributor, I want to delete comments, so that I can remove any comments I have submitted that are no longer relevant or accurate.

Table 6: Comment Contributor's user stories.

2.6. Administrator

Identifier	Name	Priority	Description
US501	Administer Member Accounts	High	As an administrator, I want to administer member accounts (i.e., search, view, edit, create), so that I can effectively manage and secure access to the platform resources and systems.
US502	Manage Topic Proposals	Medium	As an administrator, I want to manage topic proposals, so that members are able to freely suggest new topics while filtering inappropriate suggestions.
US503	Admin Account Privileges	Medium	As an administrator, I want to have an account with administrating privileges, so that I can oversee and manage the platform.
US504	Block/Unblock Member Accounts	Medium	As an administrator, I want to block/unblock member accounts, so that misconducting members are inhibited from interacting with the platform and other members.

US505	Delete Member Accounts	Medium	As an administrator, I want to delete member accounts, so that members deemed undeserving of remaining in the platform are removed (e.g., misconduct, spam accounts, etc.).
US506	Manage Content and Member Reports	Low	As an administrator, I want to manage content and member reports, so that adherence to the platform guidelines and a safe and respectful environment are ensured.
US507	Administration Dashboard Statistics	Low	As an administrator, I want to have a statistics tab on the administration dashboard, so that I can easily access and analyze key performance metrics and insights about the platform.
US508	Manage Topics	Low	As an administrator, I want to manage topics, so that I can keep content organized on the platform.
US509	Edit History	Low	As an administrator, I want to access the edit history of posts and comments so that I can track changes made to content over time and monitor for any inappropriate or malicious edits.
US510	Manage Tags	Low	As an administrator, I want to manage tags, so that I can maintain the relevance and quality of tags on the platform.

Table 7: Administrator's user stories.

3. Supplementary Requirements

3.1. Business rules

Identifier	Name	Description
BR001	Data Anonymization	Shared user data, including news articles, comments, and votes, is retained after an account is deleted but is anonymized to protect user privacy.
BR002	Deletion of Created Content	Members are not allowed to delete their articles or comments if they have been commented on or voted on.
BR003	Edited News Article	An edited news article is flagged with an indicator ("edited").
BR004	Edited Comment	An edited comment is flagged with an indicator ("edited").
BR005	Deleted News Article	All comments related to a news article are deleted upon that article's deletion.
BR006	Deleted Comment	All replies to a comment are deleted upon that comment's deletion.
BR007	Banned Tag	When a tag is deleted, it is automatically removed from all news articles that had it as a tag. That tag becomes unavailable to use in the platform.
BR008	Changes to Content Notification	A member must be notified if an administrator edits or deletes any content authored by them.
BR009	Topic Removal	When a topic is deleted, it is automatically removed from all news articles that had it as a topic.

BR010	'Undefined' Topic Assignment	When an article has no assigned topic due to administrative reasons, this is assigned an 'undefined' topic and made unavailable to other members. The author is notified to change the article's topic accordingly.
BR011	Voting System	A member cannot concurrently upvote and downvote a news article or comment.
BR012	Votes for Own Content	Members are not allowed to vote on their own news articles and comments.
BR013	News Academy Score	A News Academy Score is calculated by the following formula: News Article's Number of Upvotes - News Article's Number of Downvotes.
BR014	Comment Academy Score	A Comment Academy Score is calculated by the following formula: Comment's Number of Upvotes - Comment's Number of Downvotes.
BR015	Member Academy Score	A Member Academy Score is calculated by the following formula: Sum of All Member's News Academy Score + Sum of All Member's Comments Academy Score.
BR016	News Article Tags	A news article must have a maximum of six tags assigned to it.
BR017	News Article Topic	A news article must have one and only one topic assigned to it.
BR018	News Article Author	The author of a news article is highlighted (with a 'fountain pen' icon) in the comment section when they comment on their own articles.
BR019	Blocked User Interaction Restrictions and Appeal	When a user account is blocked, the user loses the ability to interact with the site, including actions such as commenting, upvoting, reporting, and more. However, the blocked user can still view and access all platform content like normal users but is restricted from engaging in any form of interaction with the content or other users. The blocked user retains access to their own content and account settings, and they have the option to submit an appeal for unblocking if they believe the restriction was unjust.
BR020	Deleted Content History	The edit history of a news article or comment must be maintained even if it is deleted by the author or the administrator.
BR021	Administrative Access	Administrators have special access rights and privileges within the system to perform administrative tasks effectively.
BR022	Member Management	Administrators can search for, view, edit, and create member accounts, enabling them to oversee user access to the platform.
BR023	Topic Control	Administrators can manage topic proposals submitted by members, deciding whether to approve or reject them to maintain an organized topic structure.
BR024	Tag Control	Administrators can manage tags used by members, deciding whether they deem them appropriate and relevant for the platform.
BR025	Block/Unblock Authority	Administrators can block or unblock member accounts as needed, limiting or restoring user access in response to misconduct or policy violations.

BR026	Account Deletion	Administrators can permanently delete member accounts, removing users from the platform when their presence is inappropriate or in violation of platform policies.
BR027	Report Management	Administrators handle content and member reports, reviewing and taking action on reports of inappropriate behavior or content to maintain a safe platform environment.
BR028	Dashboard Insights	Administrators can access a dashboard providing valuable statistics and insights about platform performance and user engagement, aiding in informed decision-making and monitoring platform health.
BR029	Feed Customization	Users can customize their feed preferences, such as following specific tags or users, to tailor their content discovery experience.
BR030	Trending Content	The platform's main feed displays trending content based on factors like upvotes, comments, and recent activity to engage users with popular themes.
BR031	Tag-Specific Feeds	Users can access tag-specific feeds, ensuring they can explore content within their areas of interest.
BR032	Followed User Activity	A user's feed includes updates on the activity of followed users, such as new posts or comments.
BR033	Report Feed Content	Users can report inappropriate or violating content directly from their feeds to maintain community guidelines.
BR034	Feed Consistency	The platform maintains consistency in the presentation and behavior of feeds across different devices and platforms.
BR035	Comment Date Validation	A comment's date must exceed the original article's publication date.
BR036	Reply Date Validation	A reply's date must exceed the original comment's date.
BR037	Notification Date Validation	A notification's date must exceed the date of the event that triggered it.

Table 8: The Popcorn Post's business rules.

3.2. Technical requirements

Identifier	Name	Description
TR01	Performance	The system must exhibit response times under 2 seconds to retain user engagement. In an interactive platform where users are expected to create, share, rate, and comment on news articles, slow response times can lead to frustration and decreased user activity. Fast response times are essential for retaining user interest and facilitating smooth interactions.
TR02	Security	The system must safeguard data against unauthorized access through robust authentication and verification mechanisms. User authentication not only protects sensitive user information but also plays a pivotal role in enabling personalized experiences, content creation, and user interaction. It's essential for maintaining the integrity of the platform and fostering a secure environment.
TR03	Usability	The system should offer a user-friendly and straightforward experience. Usability is vital to ensure that users, regardless of their technical experience, can easily navigate and engage with the platform. It contributes to user satisfaction and engagement, which are essential for the long-term success of the platform.
TR04	Availability	The system must maintain a 99 percent uptime within each 24-hour period.
TR05	Accessibility	The system must ensure universal access to its pages, accommodating users with varying abilities and web browsers without discrimination.
TR06	Web Application	The system should be developed as a web application using modern web technologies such as HTML5, JavaScript, CSS3, and PHP.
TR07	Portability	The server-side component must be platform-agnostic, functioning seamlessly on various platforms including Linux and Mac OS.
TR08	Database	The system must utilize the PostgreSQL database management system, with a minimum version of 11.
TR09	Robustness	The system should be resilient and capable of maintaining its functionality even in the face of unexpected runtime errors or disruptions.
TR10	Scalability	The system must be designed to accommodate the growth in user numbers and their interactions effectively.
TR11	Ethics	The system must uphold ethical standards in software development, ensuring that personal user information and usage data are neither collected nor shared without explicit consent and authorization from their owners.

Table 9: The Popcorn Post's technical requirements.

3.3. Restrictions

Identifier	Name	Description
C01	Deadline	The system should be fully operational by the end of the year, allowing cinema enthusiasts to engage in discussions and access news related to the Oscars and Emmys during the awards season.

Table 10: Project Deadline Requirement.

A3: Information Architecture

This artefact provides a concise overview of the information architecture for the upcoming system development. Its objectives encompass:

1. Facilitating the identification and description of user requirements, including the discovery of any new ones.
2. Offering a preview and empirical testing of the forthcoming product's user interface.
3. Enabling rapid, iterative design improvements to the user interface.

This artefact consists of two key components:

1. **Sitemap:** This outlines the organisational structure of information across various pages, aiding in visualising how data and content are arranged.
2. **Wireframes:** These serve as blueprints for individual pages, specifying both functionality and content. Wireframes were created for two of the most pivotal pages in the system.

1. Sitemap

A sitemap is a visual representation that illustrates the interconnections among the different web pages of a site. It provides a comprehensive overview of the planned pages, offering a top-level perspective on how the information within the website is structured and organized.

The Popcorn Post information system is structured into six primary categories:

- **General Information Pages:** These pages offer comprehensive information about the system in a general context.
- **Authentication Pages:** This section encompasses pages dedicated to user registration and login processes.
- **User Pages:** Within this category, you'll find pages associated with Member Profiles and user settings.
- **Search Page:** This is the hub for conducting searches and viewing search results.
- **News-Related Pages:** Explore, curate, and create news content, or delve into various themes within this section.
- **Administration Pages:** These pages house administrative functionalities, catering to system management and control.

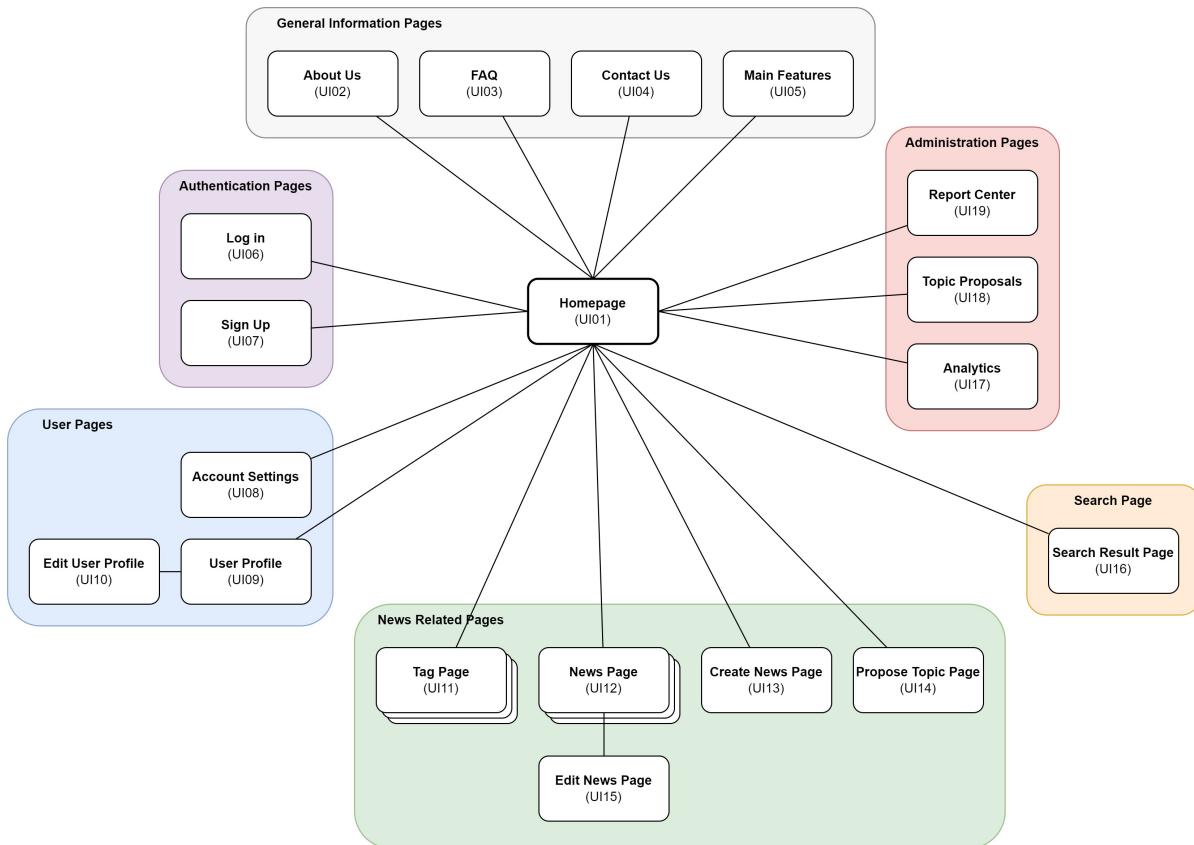


Figure 2: The Popcorn Post's sitemap.

2. Wireframes

UI01: Homepage

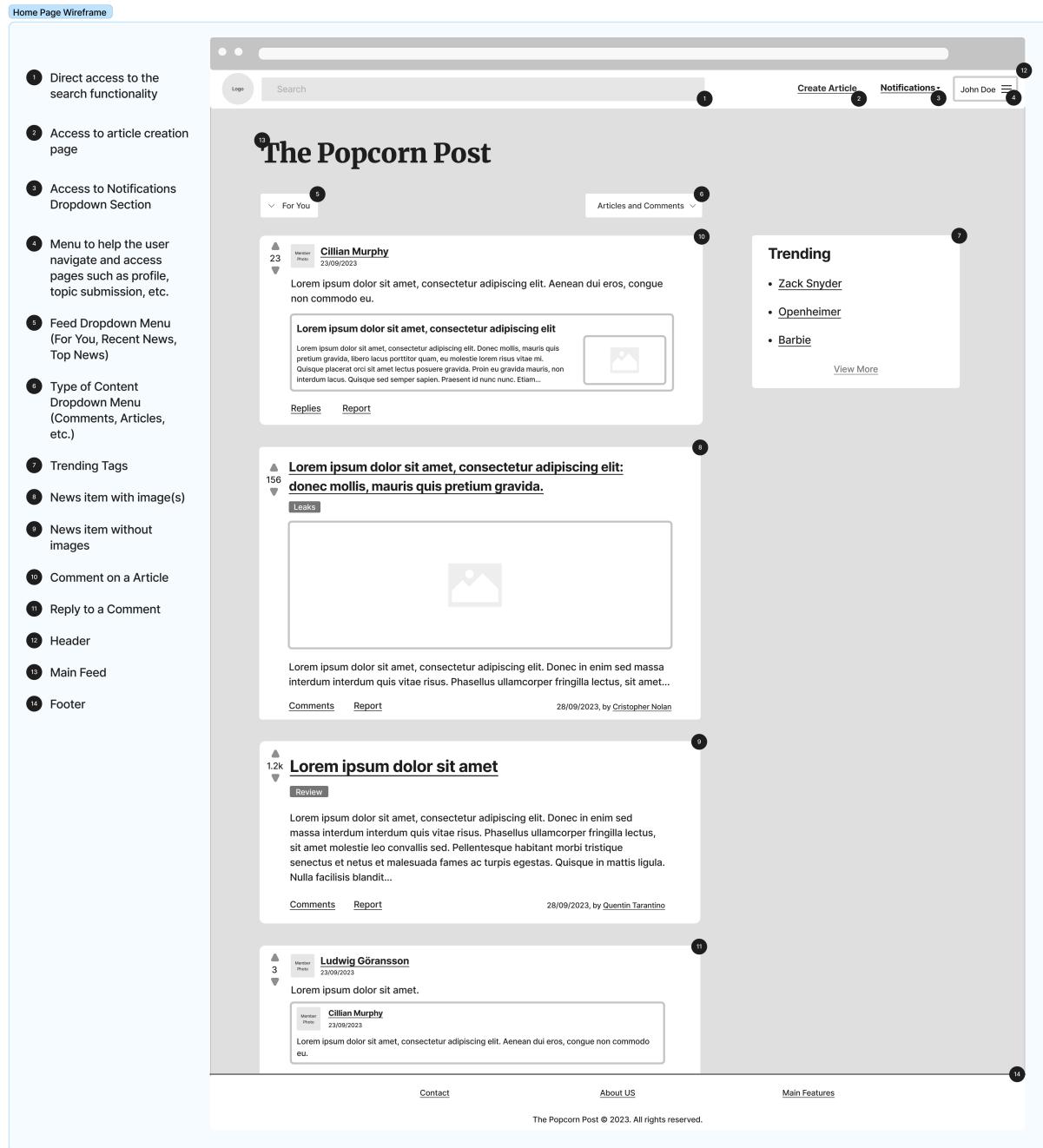


Figure 3: The Popcorn Post's homepage wireframe.

UI12: News Page

Article Page Wireframe

The wireframe illustrates the layout of The Popcorn Post's news page, featuring a sidebar with user navigation and a main content area for the article "Oppenheimer".

Callout Labels:

- 1 Clickable logo to help the user return to the home page
- 2 Direct access to the search functionality
- 3 Access to article creation page
- 4 Access to Notifications Dropdown Section
- 5 Menu to help the user navigate and access pages such as profile, topic submission, etc.
- 6 Edit feature only available to content author
- 7 Report feature only available to members except content author
- 8 Header
- 9 Article
- 10 Comment Section
- 11 Footer
- 12 Extra Information
- 13 Recommended Content

Article Content:

Oppenheimer (2023)
The story of American scientist, J. Robert Oppenheimer, and his role in the development of the atomic bomb.

Directors:
• Christopher Nolan

Genres:
• Biography
• Drama
• History

Cast:
• Cillian Murphy
• Emily Blunt
• Matt Damon

Analysis:
Will 'Oppenheimer' Hit \$1 Billion? Inside Christopher Nolan's Historic Box Office Run
756

Tags: Oppenheimer, Christopher Nolan, IMAX

Text Preview:
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec mollis, mauris quis pretium gravida, libero lacus porttitor quam, eu molestie lorem risus vitae mi. Quisque placerat orci sit amet lectus posuere gravida. Proin eu gravida mauris, non interdum lacus. Quisque sed semper sapien. Praesent id nunc nunc. Etiam rutrum eleifend leo in vehicula. Nullam convallis varius velit, elementum rutrum sem acinacia nec. Proin sit amet ante turpis. Proin ac tincidunt nisi.

Text Preview (Continued):
Nunc sollicitudin ultricies egestas. Integer sagittis nibh augue. Nunc pretium dui quis justo pulvinar finibus. Nam mattis, lacus sed gravida ornare, lectus risus vestibulum lorem, eu tempus eros elit consectetur sem. Aenean rutrum erat vel eros rutrum placerat. Phasellus cursus tortor in porttitor ullamcorper. Proin sit amet ex quis odio rhoncus mollis. Suspendisse cursus finibus mauris, non feugiat diam dapibus at.

Text Preview (Continued):
Vivamus et quam a odio rhoncus dapibus a eget enim. Donec consectetur pharetra dui, in tristique ipsum rhoncus varius. Quisque sed blandit ex. Morbi nec lorem dui. In ullamcorper tristique fringilla. Praesent sed lectus est. Aliquam a sem ac erat molestie lobortis. Sed eget pulvinar diam. Vestibulum mollis mollis mauris, eu egestas massa luctus ut. In dapibus dictum enim, nec maximus odio accumsan aliquet. Integer vel enim non lorem posuere finibus. Nam ac porta ligula.

Comment Section:

20/08/2023, by Friedrich Nietzsche

Descending Score ▾ 6 Comments

Add Comment Submit

Kitty Oppenheimer
26/09/2023
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean dui eros, congue non commodo eu. Phasellus ullamcorper fringilla lectus, sit amet molestie leo convallis sed.
Show replies (2) Reply Edit | Report

Albert Einstein
26/09/2023
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean dui eros, congue non commodo eu.
Hide replies Reply Edit | Report

Lewis Strauss
27/09/2023
Lorem ipsum dolor sit amet.
Reply Edit | Report

Robert Oppenheimer
27/09/2023

Related Articles:

- Oppenheimer's Influence on Modern Cinema: A Deep Dive into His Theoretical Concepts
- Christopher Nolan's Quantum Consciousness Project Sparks Curiosity Amid Leaks
- From Dark Knight to Dunkirk: Exploring Christopher Nolan's Cinematic Evolution

More from Friedrich Nietzsche:

- Barbie's Übermensch: The Authentic Pursuit of Individuality in the Theatrical World
- Mindhunter: The Abyss Gazes Back – An Existential Odyssey into Criminal Minds

Footer:

Contact About US Main Features
The Popcorn Post © 2023. All rights reserved.

Figure 4: The Popcorn Post's news page wireframe.

Revision history

Changes made to the first submission:

1. Item 1
 2. ...
-

GROUP2356, 03/10/2023

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