

**Digital Newspaper Website  
Use-Case Specification: Moderate Comments**

**Version 1.0**

**Revision History**

Date	Version	Description	Author
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# Use-Case Specification: Moderate Comments

## 1. Use-Case Name: Moderate Comments

### 1.1 Brief Description

This use case describes the process by which an Editor moderates user comments on articles published on the Digital Newspaper Website. The Editor reviews, approves, rejects, or deletes comments using the content management system (CMS) to ensure they comply with community guidelines.

## 2. Flow of Events

### 2.1 Basic Flow

This use case starts when the Editor logs into the Digital Newspaper Website's CMS and accesses the comment moderation dashboard.

1. The Editor navigates to the "Comment Moderation" section in the CMS.
2. The system displays a list of comments, including their status (e.g., Pending, Approved, Rejected), the associated article title, the commenter's username or email, the comment text, and the submission date.
3. The Editor selects a comment marked "Pending" to review its content.
4. The system displays the full comment text, the associated article, and available actions (e.g., Approve, Reject, Delete, Edit).
5. The Editor reviews the comment for compliance with community guidelines and chooses one of the following actions:
  - a. **Approve:** The Editor marks the comment as approved for public display.
  - b. **Reject:** The Editor rejects the comment and provides optional feedback.
  - c. **Delete:** The Editor deletes the comment without notifying the commenter.
  - d. **Edit:** The Editor modifies the comment (e.g., removes offensive words) and approves or resubmits it for review.
6. If the Editor selects "Edit," the system saves the modified comment and updates its status based on the Editor's choice (e.g., Approved or Pending).
7. If the Editor selects "Approve," the system marks the comment as "Approved," and it becomes visible on the article's public comment section.
8. If the Editor selects "Reject," the system notifies the commenter via email or CMS notification with the provided feedback (if any).
9. If the Editor selects "Delete," the system removes the comment from the CMS without notification.
10. The system confirms the action to the Editor.

### 2.2 Alternative Flows

#### 2.2.1 Bulk Moderation

- At Basic Flow step 2, the Editor selects multiple comments and applies a bulk action (e.g., approve, reject, or delete).
- The system prompts the Editor to confirm the bulk action.
- Upon confirmation, the system applies the action to all selected comments and notifies commenters (if applicable, e.g., for rejections).
- The flow continues from Basic Flow step 10.

#### 2.2.2 Flagged Comment Review

- At Basic Flow step 2, the system highlights comments flagged by users or automated filters. The Editor

- prioritises reviewing flagged comments and proceeds with the actions in Basic Flow step 5.  
The flow continues from Basic Flow step 6.

### **3. Special Requirements**

#### **3.1 Comment Filtering**

The CMS must support filtering comments by status (Pending, Approved, Rejected) and by article or submission date.

#### **3.2 Performance**

The system must load the comment moderation dashboard within 3 seconds under normal server load.

#### **3.3 Bulk Moderation**

The system must support bulk moderation for up to 100 comments at once without performance degradation.

#### **3.4 Browser Compatibility**

The system must ensure compatibility with common browsers (e.g., Chrome, Firefox, Safari) for the CMS interface.

#### **3.5 Data Privacy**

The system must comply with GDPR for handling personal data in comments and notifications.

### **4. Preconditions**

#### **4.1 Editor Authentication**

The Editor must be registered and logged into the CMS with valid credentials.

#### **4.2 Editor Permissions**

The Editor must have the role of "Editor" with permissions to moderate comments.

#### **4.3 System Accessibility**

The CMS must be accessible and operational.

#### **4.4 Comment Availability**

At least one comment must be available in the CMS for moderation.

### **5. Postconditions**

#### **5.1 Comment Status Update**

The comment's status is updated to Approved, Rejected, or Deleted in the CMS.

#### **5.2 Commenter Notification**

The commenter is notified if the comment is rejected with feedback provided.

#### **5.3 Comment Visibility**

Approved comments are visible in the article's public comment section.

#### **5.4 Action Confirmation**

The Editor receives confirmation of the moderation action taken.

# 404 Not Found

## 6. Extension Points

### 6.1 Ban Commenter

- Location: Basic Flow, step 5.
- The Editor can ban the commenter from posting further comments by selecting a “Ban User” option. The system updates the commenter’s account status to “Banned” and prevents future comment submissions.

## 7. Low Fidelity Prototype For Use Case

### 7.1 Prompt Used for AI Tool

- Design a CMS interface for a Digital Newspaper Website that supports the "Moderate Comments" use case. The interface is used by Editors to manage user comments submitted on articles.
- Functional Requirements: [2. Flow of Event ..... 6.Extension Points] *(Paste the use case specification from section 2 to 6 here)*
- Optional: A search bar and filter controls (status, date, article). / Pagination for long comment lists.

### 7.2 Generated Interface

#### Overall Data:

Total Comments



5

Pending



3

Approved



1

Rejected



1

Flagged



2

#### Filtering Comments:

##### Filters

Clear All

Search Comments

Search by comment content, author, or article...

Status

Date Range

Pending

Last 30 days

Show flagged only

Advanced Filters

Article

All Articles

#### Comments (3)

Page 1 of 1

Review and moderate user comments. Click on a comment to view details and take action.

<input type="checkbox"/>	Comment	Author	Article	Status	Date	Actions
<input type="checkbox"/>	This is a great article! I really enjoyed reading about the new technology developments.	John Smith john.smith@example.com	Revolutionary AI Technology Transforms... <a href="#">View Article</a>	Pending	1/15/2024	<button>Review</button>
<input type="checkbox"/>	I disagree with this perspective. The author seems biased and doesn't present all the facts.	Sarah Johnson sarah.j@example.com	Climate Summit Reaches Historic Agreement o... <a href="#">View Article</a>	Pending	1/15/2024	<button>Review</button>
<input type="checkbox"/>	This is spam content with inappropriate language and offensive remarks that violate community guidelines.	Anonymous User spam@example.com	Revolutionary AI Technology Transforms... <a href="#">View Article</a>	Pending	1/15/2024	<button>Review</button>

# 404 Not Found

Apply action simultaneously:

2 comments selected

✓ Approve

▼

Apply Action

✕ Clear Selection

Comments (3)

Page 1 of 1

Review and moderate user comments. Click on a comment to view details and take action.

<input type="checkbox"/>	Comment	Author	Article	Status	Date	Actions
<input checked="" type="checkbox"/>	This is a great article! I really enjoyed reading about the new technology...	<div>John Smith</div> <div>john.smith@example.com</div>	<div>Revolutionary AI Technology...</div> <div><a href="#">View Article</a></div>	<div>⌚ Pending</div>	1/15/2024	<div>Review</div>
<input checked="" type="checkbox"/>	I disagree with this perspective. The author seems biased and doesn't...	<div>Sarah Johnson</div> <div>sarah.j@example.com</div>	<div>Climate Summit Reaches Histori...</div> <div><a href="#">View Article</a></div>	<div>⌚ Pending</div>	1/15/2024	<div>Review</div>
<input type="checkbox"/>	This is spam content with inappropriate language and offensive remarks that...	<div>Anonymous User</div> <div>spam@example.com</div>	<div>Revolutionary AI Technology...</div> <div><a href="#">View Article</a></div>	<div>⌚ Pending</div>	1/15/2024	<div>Review</div>

Focus on all flagged comments:

☐ All Comments

☒ Flagged Comments 

2

⚠ Flagged Comments Require Attention

2 comments have been flagged by users or automatic filters. Please review and take appropriate action.

Priority Review Queue

Sort by: 

Flag Count

Date

5 flags

High Priority

Pending Review

1/15/2024

This is spam content with inappropriate language and offensive remarks that violate community guidelines.

Spam

Inappropriate content

Offensive Language

Anonymous User

spam@example.com

Revolutionary AI Technology Transforms Healthcare Industry

[View Article](#)

✓ Approve

✕ Reject

Review Details

2 flags

Low Priority

Pending Review

Confidential

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1/15/2024

I disagree with this perspective. The author seems biased and doesn't present all the facts.

Inappropriate content

Spam

Sarah Johnson

sarah.j@example.com

Climate Summit Reaches Historic Agreement on Carbon Emissions

[View Article](#)