
404 Not Found

**Digital Newspaper Website
Use-Case Specification: Manage Articles**

Version 1.0

Revision History

Date	Version	Description	Author
18/07/2025	1.0	Complete the document	Trần Hữu Khang

Table of Contents

1. Use-Case Name: Manage Articles	4
1.1 Brief Description	4
2. Flow of Events	4
2.1 Basic Flow	4
2.2 Alternative Flows	4
2.2.1 No Articles Pending Review	4
2.2.2 Bulk Actions	4
3. Special Requirements	5
3.1 Rich Text Editing	5
3.2 Performance	5
3.3 Bulk Actions	5
3.4 Browser Compatibility	5
3.5 Data Privacy	5
4. Preconditions	5
4.1 Editor Authentication	5
4.2 Editor Permissions	5
4.3 System Accessibility	5
4.4 Article Availability	5
5. Postconditions	5
5.1 Article Status Update	5
5.2 Writer Notification	5
5.3 Publication Queue	5
5.4 Action Confirmation	5
6. Extension Points	6
6.1 Assign Reviewer	6
7. Low Fidelity Prototype For Use Case	6
7.1 Prompt Used for AI Tool	6
7.2 Generated Interface	6

Use-Case Specification: Manage Articles

1. Use-Case Name: Manage Articles

1.1 Brief Description

This use case describes the process by which an Editor manages articles submitted by Writers on the Digital Newspaper Website. The Editor reviews, edits, approves, rejects, or schedules articles for publication using the content management system (CMS).

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 article management dashboard.

1. The Editor navigates to the "Article Management" section in the CMS.
2. The system displays a list of articles with their status, including each article's title, Writer's name, submission date, and category.
3. The Editor selects an article marked "Pending Review" to review its content.
4. The system displays the article's full content, including title, body, category, tags, and any attached media (e.g., images, videos).
5. The Editor reviews the article and chooses one of the following actions.
 - a. **Edit:** The Editor modifies the article's title, body, tags, or media, then saves changes.
 - b. **Approve:** The Editor marks the article as approved for publication.
 - c. **Reject:** The Editor rejects the article and provides feedback.
 - d. **Schedule:** The Editor sets a publication date and time for an approved article.
6. If the Editor selects "Edit," the system saves the changes and updates the article status to "Draft" or "Pending Review" (based on the Editor's choice).
7. If the Editor selects "Approve," the system marks the article as "Approved" and makes it available for publication or scheduling.
8. If the Editor selects "Reject," the system notifies the Writer via email or CMS notification with the provided feedback.
9. If the Editor selects "Schedule," the system saves the publication date and time, and the article is queued for automatic publishing.
10. The system confirms the action to the Editor.

2.2 Alternative Flows

2.2.1 No Articles Pending Review

- No Articles Pending Review
- If no articles are marked "Pending Review," the system displays a message (e.g., "No articles awaiting review") and shows a list of articles in other statuses (e.g., Draft, Approved, Rejected).
- The Editor may select an article in another status to review or edit (returns to Basic Flow step 4).

2.2.2 Bulk Actions

- At Basic Flow step 2, the Editor selects multiple articles and applies a bulk action (e.g., approve, reject, or delete).
- The system prompts the Editor to confirm the action.
- Upon confirmation, the system applies the action to all selected articles and notifies the respective Writers

- (if applicable).
- The flow continues from Basic Flow step 10.

3. Special Requirements

3.1 Rich Text Editing

The CMS must support rich text editing for article content (e.g., bold, italics, hyperlinks, bullet lists).

3.2 Performance

The system must load the article management dashboard within 3 seconds under normal server load.

3.3 Bulk Actions

The system must support bulk actions for at least 50 articles 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 any personal data included in articles or Writer 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 manage articles.

4.3 System Accessibility

The CMS must be accessible and operational.

4.4 Article Availability

At least one article must be available in the CMS for management.

5. Postconditions

5.1 Article Status Update

The article's status is updated to Draft, Approved, Rejected, or Scheduled in the CMS.

5.2 Writer Notification

The Writer is notified if the article is rejected or requires further edits.

5.3 Publication Queue

If scheduled, the article is queued for publication at the specified date and time.

5.4 Action Confirmation

The Editor receives confirmation of the action taken.

6. Extension Points
- 6.1 Assign Reviewer
 - Location: Basic Flow, step 3.
 - The Editor can assign another Editor or Reviewer to review the article by selecting their name or email from a list of registered CMS users. The system notifies the assigned Reviewer and grants them access to the article.
7. Low Fidelity Prototype For Use Case
- 7.1 Prompt Used for AI Tool
 - Design a CMS interface for Editors on a Digital Newspaper Website that supports the "Manage Articles" use case.
 - Functional Requirements: [2. Flow of Event 6.Extension Points] (Paste the use case specification from section 2 to 6 here)
 - Optional: Search bar or filters by status or category. /Tags for article status (color-coded). / Responsive layout for tablet and desktop.
- 7.2 Generated Interface

Overall Data:

Article Management

Review, edit, and manage articles submitted by writers

Total Articles

5

Pending Review

1

Approved

1

Scheduled

1

Rejected

1

Drafts

1

Filter User:

Search Articles

Q

Search by title or writer...

Filter by Status

All Statuses

Filter by Category

Technology

Filter by Writer

All Writers

Sort By

Date

Title

Writer

Status

Articles (2)

0 selected

Review and manage articles submitted by writers. Click on an article to view details and take action.

<input type="checkbox"/>	Article	Writer	Category	Status	Submitted	Actions
<input type="checkbox"/>	<div>Revolutionary AI Technology Transforms Healthcare...</div> <div>Scientists have developed a groundbreaking artificial intelligence system that can diagnose diseases with...</div> <div>1250 words AI Healthcare +2 more</div>	<div>Dr. Sarah Johnson</div> <div>sarah.johnson@digitalnews.com</div>	Technology	Pending Review	1/15/2024	...
<input type="checkbox"/>	<div>Breakthrough in Quantum Computing Achieves New...</div> <div>Researchers at leading tech companies have achieved a significant breakthrough in quantum computing.</div> <div>650 words Quantum Computing Technology +1 more</div>	<div>Dr. Emily Rodriguez</div> <div>emily.rodriguez@digitalnews.com</div>	Technology	Draft	1/13/2024	...

Confidential

©404 Not Found. 2025

Page 6

404 Not Found

Apply actions simultaneously:

2 articles selected

✓ Approve

▼

Apply Action

✕ Clear Selection

Articles (5)

2 selected

Review and manage articles submitted by writers. Click on an article to view details and take action.

<input type="checkbox"/>	Article	Writer	Category	Status	Submitted	Actions
<input type="checkbox"/>	<div><div>Revolutionary AI Technology Transforms Healthcare Industry</div><div>Scientists have developed a groundbreaking artificial intelligence system that can diagnose diseases with unprecedented accuracy.</div><div>1250 words AI Healthcare +2 more</div></div>	<div><div>Dr. Sarah Johnson</div><div>sarah.johnson@digitalnews.com</div></div>	Technology	🕒 Pending Review	1/15/2024	...
<input checked="" type="checkbox"/>	<div><div>Climate Summit Reaches Historic Agreement on Carbon Emissions</div><div>World leaders have reached a landmark agreement at the Global Climate Summit, committing to reduce carbon emissions by 50% within the next decade.</div><div>890 words Climate Change Environment +2 more</div></div>	<div><div>Michael Chen</div><div>michael.chen@digitalnews.com</div></div>	Politics	✓ Approved	1/14/2024	...
<input checked="" type="checkbox"/>	<div><div>Breakthrough in Quantum Computing Achieves New Milestone</div><div>Researchers at leading tech companies have achieved a significant breakthrough in quantum computing.</div><div>650 words Quantum Computing Technology +1 more</div></div>	<div><div>Dr. Emily Rodriguez</div><div>emily.rodriguez@digitalnews.com</div></div>	Technology	📝 Draft	1/13/2024	...
<input type="checkbox"/>	<div><div>Global Economic Markets Show Strong Recovery Signs</div><div>International markets are displaying robust recovery indicators following recent policy changes.</div><div>420 words Economics Markets +1 more</div></div>	<div><div>Robert Kim</div><div>robert.kim@digitalnews.com</div></div>	Business	🚫 Rejected	1/12/2024	...
<input type="checkbox"/>	<div><div>Space Exploration Mission Discovers Potential Signs of Life</div><div>NASA's latest Mars rover mission has uncovered compelling evidence that could indicate past microbial life on the Red Planet.</div></div>	<div><div>Dr. Amanda Foster</div><div>amanda.foster@digitalnews.com</div></div>	Science	📅 Scheduled	1/11/2024 Scheduled: 1/20/2024	...