
404 Not Found

**Digital Newspaper Website
Use-Case Specification: Rate Article**

Version 1.0

404 Not Found

Revision History

Date	Version	Description	Author
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Table of Contents

1. Use-Case Name: Rate Article	4
1.1 Brief Description	4
2. Flow of Events	4
2.1 Basic Flow	4
2.2 Alternative Flows	4
2.2.1 Anonymous Rating	4
2.2.2 Incomplete Rating	4
3. Special Requirements	4
3.1 System Performance	4
3.2 Security & Privacy	5
3.3 Rating Integrity	5
4. Preconditions	5
4.1 User Authentication	5
4.2 Valid Article.	5
5. Postconditions	5
5.1 Rating result is shown	5
5.2 Average rating star of the article changes	5
6. Extension Points	5
6.1 Anonymous Submission Option	5
7. Low Fidelity Prototype For Use Case	5
7.1 Prompt Used for AI Tool	5
7.2 Generated Interface	6

Use-Case Specification: Rate Article

1. Use-Case Name: Rate Article

1.1 Brief Description

This use case describes the functionality that allows users to rate the articles for evaluating the quality of the articles. Ratings help other readers and editors understand how the content is received.

2. Flow of Events

2.1 Basic Flow

1. The user navigates to a specific article.
2. The user scrolls to the rating section and selects a star rating (1 to 5 stars) for the article (main rating)
3. Optionally, the system displays sub-categories for more detailed rating such as image quality, content, accuracy.
4. The user may rate sub-categories or leave them empty.
5. The user clicks to the Submit button for sending their rating..
6. The system checks if at least main rating is selected:
 - a. If yes: rating is submitted
 - b. If not: the Submit button remains disabled.
7. The system stores the rating and the new average rating of the article is updated and displayed.
8. The new rating is shown on the rating section.
9. A confirmation message is shown to the user:
 - a. “Your rating has been submitted”
 - b. Or: “Thank you for your feedback!”

2.2 Alternative Flows

2.2.1 Anonymous Rating

- At step 5, the user chooses to submit the rating anonymously.

2.2.1.1 Anonymous Rating Subflow

1. The user checks the “Rate anonymously” checkbox
2. The system records the rating without linking it to the user’s ID
3. The rating is displayed as submitted by “Anonymous User”.
4. The rest of the rating flow proceeds normally

2.2.2 Incomplete Rating

- At step 6, the user clicks the Submit button without selecting the main rating.
- If only sub-categories are rated and main rating is left empty. The Submit button remains disabled. A tooltip may appear: “Please rate the article overall before submitting”
- If neither the main rating nor sub-categories are selected, no action is allowed.
- If the main rating is selected, regardless of sub-categories, submission proceeds normally.

3. Special Requirements

3.1 System Performance

- Rating submission and average update must complete within **2 seconds** under normal load.
- The system must support concurrent ratings from multiple users without loss or duplication of data.

3.2 Security & Privacy

- For anonymous ratings, the system must ensure no personally identifiable information is stored with the rating.
- All rating data must be stored securely in accordance with data protection policies

3.3 Rating Integrity

- Each user can rate an article only **once**. Re-rating may be allowed if the previous rating is overwritten.
- Ratings must be protected against bots or automated spam via CAPTCHA.

4. Preconditions

4.1 User Authentication

- The user who wants to rate the articles must have a registered and logged-in account to rate articles.

4.2 Valid Article.

- The article must be visible and allow user interaction(not archived or locked)

5. Postconditions

5.1 Rating result is shown

- If not anonymous: The user's rating is shown with the user's profile (name and avatar) on the rating section.
- If anonymous: The user's rating is shown with the user name "Anonymous user" and their profile is hidden.

5.2 Average rating star of the article changes

- The system recalculates, updates and shows the article's average rating accordingly.

6. Extension Points

6.1 Anonymous Submission Option

- **Location in flow:** After step2 in the Rating flow.
- **Description:** If the user selects to submit anonymously, the system saves the rating without attaching any user identity. The rating will appear in the rating section under the name "Anonymous User", and the rater's profile is hidden.

7. Low Fidelity Prototype For Use Case

7.1 Prompt Used for AI Tool

Create a user interface for rating a news article on a digital newspaper website.

The interface should display:

- The article title at the top.
- A 5-star rating input as the main rating.
- Optional sub-category ratings (e.g., image quality, content quality, accuracy), also using star inputs.
- A checkbox labeled "Rate anonymously".
- A Submit button, which is disabled unless the main rating is selected.
- After submission, display a confirmation message: "Your rating has been submitted" or "Thank you for your feedback!"

404 Not Found

- If the user checked "Rate anonymously", show the rating as submitted by "Anonymous User"; otherwise, show the user's name and avatar.
- Display the updated average rating of the article after submission.

Make sure the layout is clean and easy to understand, and suitable for both desktop and mobile screens.

7.2 Generated Interface

Breaking: Revolutionary AI Technology Transforms Healthcare Industry

★★★★☆ 4.2 • 1247 ratings

Rate this article

☆☆☆☆☆

Rate specific aspects (optional)

Image Quality	☆☆☆☆☆
Content Quality	☆☆☆☆☆
Accuracy	☆☆☆☆☆

☐ Rate anonymously

Submit Rating

This is the main screen of Rate Article use case

Breaking: Revolutionary AI Technology Transforms Healthcare Industry

★★★★☆ 4.2 • 1247 ratings

Rate this article

★★★★★ (5/5)

Rate specific aspects (optional)

Image Quality



Content Quality



Accuracy



☐ Rate anonymously

Submit Rating

User choose star on the main rating below “Rate this article”, without choose star at the sub-categories and “Rate anonymously” checkbox, the “Submit Rating” button is valid

Breaking: Revolutionary AI Technology Transforms Healthcare Industry

★★★★☆ 4.2 • 1247 ratings

Rate this article

★☆☆☆☆ (1/5)

Rate specific aspects (optional)

Image Quality ★★★★★ (3/5)

Content Quality ★★★★★ (3/5)

Accuracy ★★★★★ (4/5)

☒ Rate anonymously

Submit Rating

User choose star on the main rating below “Rate this article” and choose star at sub-categories and “Rate anonymously” checkbox, the “Submit Rating” button is valid

Breaking: Revolutionary AI Technology Transforms Healthcare Industry

★★★★☆ 4.2 • 1247 ratings

Rate this article

★★★★★ (5/5)

Rate specific aspects (optional)

Image Quality ★★★★★ (5/5)

Content Quality ★★★★★ (5/5)

Accuracy ★★★★★ (4/5)

☐ Rate anonymously

Submit Rating

User choose star on the main rating below “Rate this article” and choose star at sub-categories, the “Submit Rating” button is valid

Breaking: Revolutionary AI Technology Transforms Healthcare Industry

★★★★☆ 4.2 • 1247 ratings

Rate this article



Rate specific aspects (optional)

Image Quality



Content Quality



Accuracy



☐ Rate anonymously

Submit Rating

User choose stars at sub-categories but doesn't choose stars at the main rating "Rate this article". So that, the "Submit Rating" button is invalid

Breaking: Revolutionary AI Technology Transforms Healthcare Industry

★★★★☆ 4.2 • 1247 ratings

Rate this article



Rate specific aspects (optional)

Image Quality



Content Quality



Accuracy



☐ Rate anonymously

Submit Rating

User doesn't chose stars, so the "Submit Rating" button is invalid.

Breaking: Revolutionary AI Technology Transforms Healthcare Industry

✓ Thank you for your feedback!

Your Rating

 Sarah Johnson ★★★★★ (5/5)

Article Rating

★★★★☆ 4.2 (1248 ratings)

The confirmation message, rating result is shown, average rating and number of ratings is updated and displayed after Submit Rating, and the user name and avatar is displayed when the user doesn't tick at "Rate Anonymously" checkbox.

Breaking: Revolutionary AI Technology Transforms Healthcare Industry

✓ Thank you for your feedback!

Your Rating

? Anonymous User ★☆☆☆☆ (1/5)

Article Rating

★★★★☆ 4.2 (1248 ratings)

The confirmation message, rating result is shown, average rating and number of ratings is updated and displayed after Submit Rating, and the user name is “Anonymous User” and avatar is hidden when the user ticks at “Rate Anonymously” checkbox.