Digital Newspaper Website
Use-Case Specification: Share Article

Version 1.0

Revision History

Date	Version	Description	Author
18/07/2025	1.0	Specific about Share Article use case	Lê Thị Minh Thư

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Use-Case Specification: Share Article

1.   Use-Case Name: Share Article

1.1   Brief Description

This use case describes the functionality that allows users to share the articles via social media such as Facebooks, Zalo, Instagram,...It provides choosing sharing method (e.g., timeline, private, message) and visibility (e.g. public, private)

2.   Flow of Events

2.1   Basic Flow

1. The user views an article on the website.
2. The user scrolls to the end of the article and selects the "Share" option.
3. The system displays a list of available platforms such as Facebook, Zalo, Instagram, Messenger,...
4. The user selects a platform and confirms sharing.
5. The system prompts the user to choose share method options, including:
    a. Share method: timeline/feed, private message, group.
    b. Visibility: public, friends, private, or custom.
    c. Caption or personal message (optional).
6. The article link is shared to the selected platform.
7. A confirmation or error message is shown to the user:
    a. If successful: "Sharing article successfully!"
    b. If failed: "Failed to share the article. Please try again later"

2.2   Alternative Flows

2.2.1   *User Cancels Sharing*

-   At step 4, the user cancels before confirming.
-   The system returns to the article page without sharing

2.2.2   *Social Account Having Been Logged In*

-   At step 5, if the user has not logged into the selected social media platform.
-   The system prompts the user to log in before proceeding with the sharing process.
-   If they exit log in, the sharing options will be canceled or fail.

2.2.3   *Platform Error*

-   If an error occurs while sharing(e.g: API failure, no internet connection, invalid token,..)
-   The system displays an error message: "Failed to share the article. Please try again later."
-   The user can retry or cancel.

3.   Special Requirements

3.1   System Performance

-   The sharing operation should complete within 3 seconds under normal conditions.

3.2 Compatibility

- The system must support all major browsers and mobile platforms.

4. Preconditions

4.1 User Authentication

- The user must be logged in with a registered account.

4.2 Social Media Login

- The user must have logged into a supported social media account (e.g.. Facebook, Instagram,..) when they want to take this sharing action.

5. Postconditions

5.1 Article Shared

- The selected article is successfully shared to the chosen platform, or the user receives an appropriate error message.

6. Extension Points

6.1 Share Method Options

- **Location in flow:** After step 4 in the Basic Flow (user selects a platform and confirms sharing).
- **Description:** Once a platform is selected, the system may allow the user to choose how the article is shared. Depending on each platform, options may include:
  1. Share to timeline/ feed
  2. Send via private message
  3. Share to a group or multiple recipients.
  4. Choose visibility: public, friends, private, or custom by yourself.
  5. Add a personal message or caption.
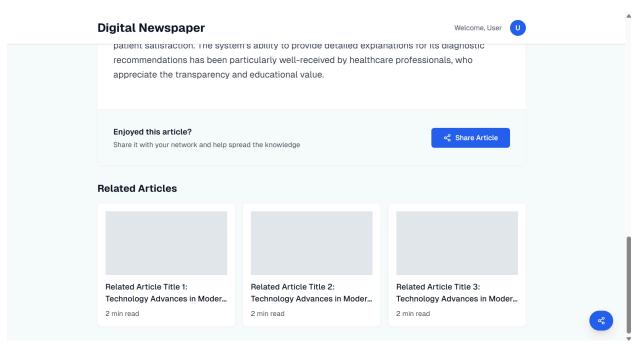
7. Low Fidelity Prototype For Use Case

7.1 Prompt Used for AI Tool
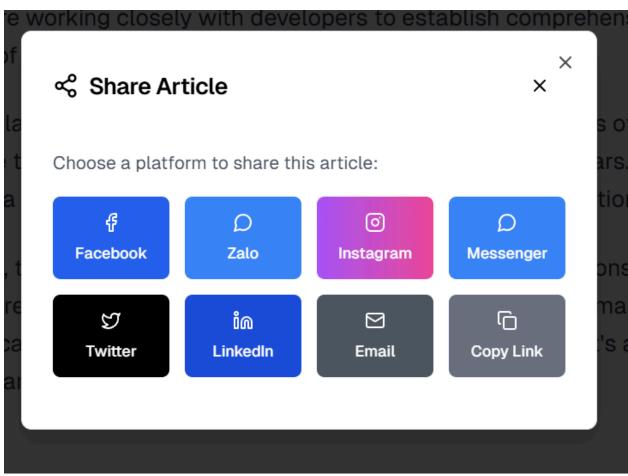
- Create a responsive web UI for a digital newspaper article page with a "Share Article" feature.
- Requirements: Meets all that have been specified in the use-case specification.
  [2. Flow of Event ……… 6.Extension Points] (*Paste the use case specification from section 2 to 6 here)*

- The UI should be mobile-friendly and support modern browsers. Prioritize usability and simplicity.

7.2 Generated Interface

Digital Newspaper

Welcome, User U

patient satisfaction. The system's ability to provide detailed explanations for its diagnostic recommendations has been particularly well-received by healthcare professionals, who appreciate the transparency and educational value.

Enjoyed this article?
Share it with your network and help spread the knowledge

⁂ **Share Article**

Related Articles

Related Article Title 1:
Technology Advances in Moder…

2 min read

Related Article Title 2:
Technology Advances in Moder…

2 min read

Related Article Title 3:
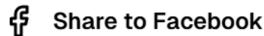Technology Advances in Moder…

2 min read

At the end of the article, the Share button is shown in the above picture.

The Share Article box shown as soon as the user clicks the Share button.

⤳ Share Article   ✕

ᵮ Share to Facebook

Article to share:

Revolutionary AI Technology Transforms Healthcare Industry

https://digitalnews.com/articles/ai-healthcare-revolution-2024

ⓘ You need to log in to Facebook first

Continue   ← **Back**

After the user clicks to the Facebook platform. If the user hasn't logged in on that platform, the system requires the user to log in Facebook platform "You need to log in to Facebook first". The Back button will lead the user back to the previous screen.

⤳ Share Article   ✕

ᖴ Login to Facebook

> ⓘ You need to log in to Facebook to continue sharing this article.

Username/Email

    Enter your username or email

Password

    Enter your password
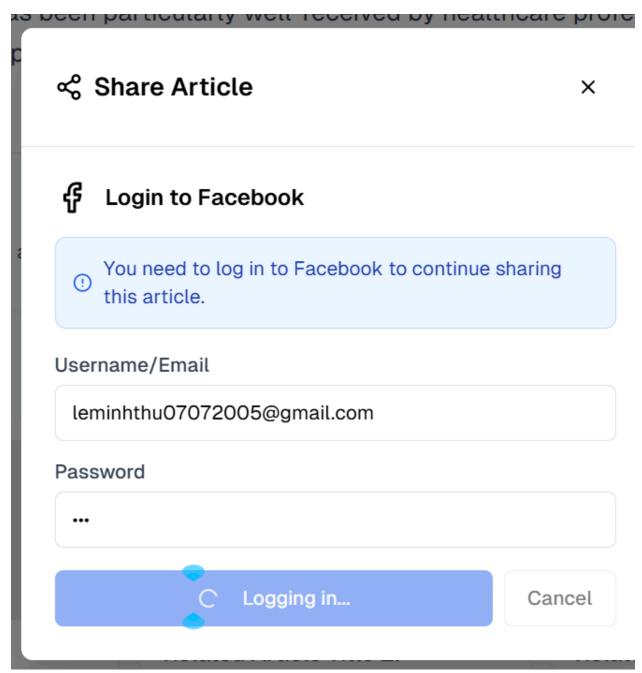
    Login & Continue   Cancel
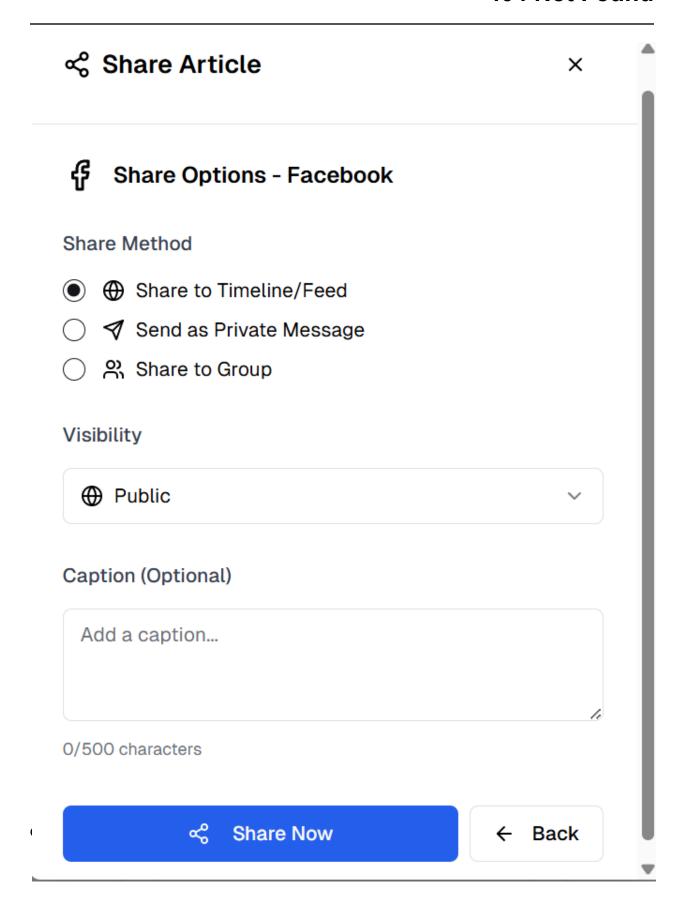
After clicking the Continue button, the Log in Screen is shown. Because no information is input, the Login&Continue button is invalid.

Share Article ✕

Login to Facebook

ⓘ You need to log in to Facebook to continue sharing this article.

Username/Email

leminhthu07072005@gmail.com

Password

•••

Login & Continue   Cancel
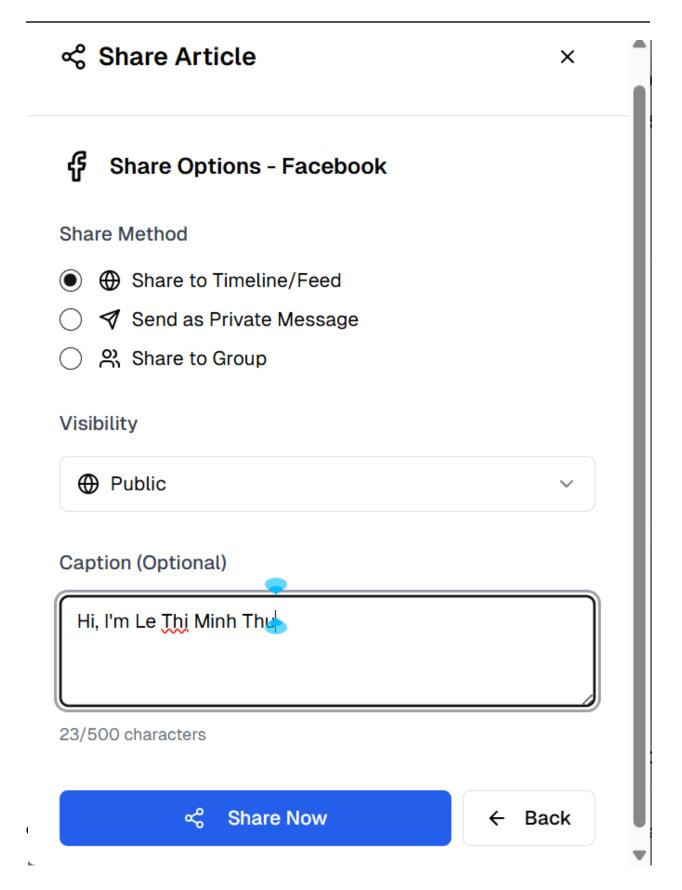
When the user fills all in the Log in screen. Login & Continue button is valid.

as been particularly well received by healthcare profe

p

Share Article ✕

Login to Facebook

ⓘ You need to log in to Facebook to continue sharing this article.

Username/Email

leminhthu07072005@gmail.com

Password

•••

⟳ Logging in...   Cancel
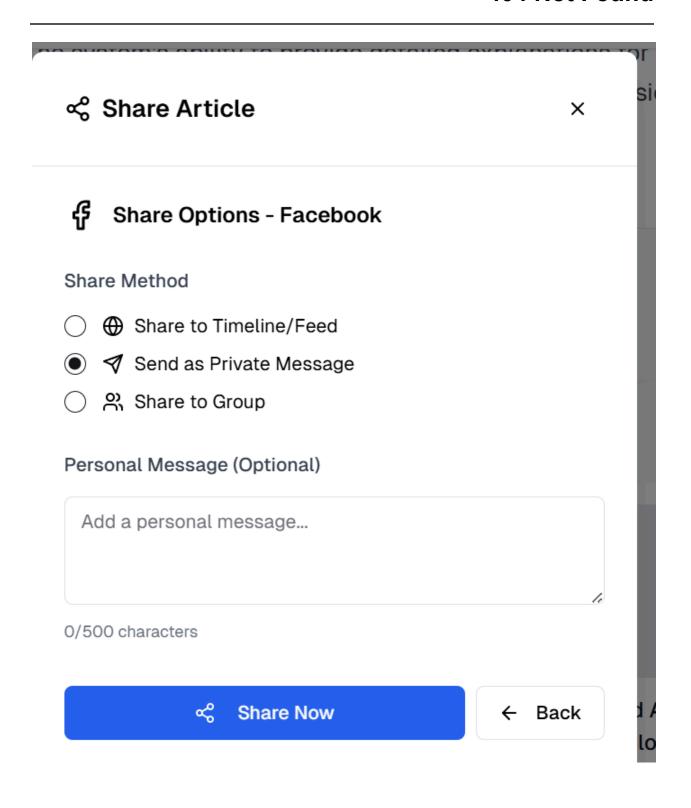
The screen shows as soon as the user has clicked the Login & Continue button.

⌁ Share Article   ✕

ⓕ Share Options - Facebook

Share Method

◉ ⊕ Share to Timeline/Feed

◯ ◁ Send as Private Message

◯ ஃ Share to Group

Visibility

⊕ Public   ⌄

Caption (Optional)

Add a caption...

0/500 characters

⌁ **Share Now**	← **Back**

The screen after the system has just processed the Login processing. The default sharing method is Public and share to Feed/Timeline.

Share Article ✕

Share Options - Facebook

Share Method

- ⦿ 🌐 Share to Timeline/Feed
- ◯ ✈ Send as Private Message
- ◯ 🧑‍🤝‍🧑 Share to Group

Visibility

🌐 Public ⌄

Caption (Optional)

Hi, I'm Le Thi Minh Thu|

23/500 characters

⤸ **Share Now**   ← **Back**

The users can add captions for their Sharing Arrticle posts.
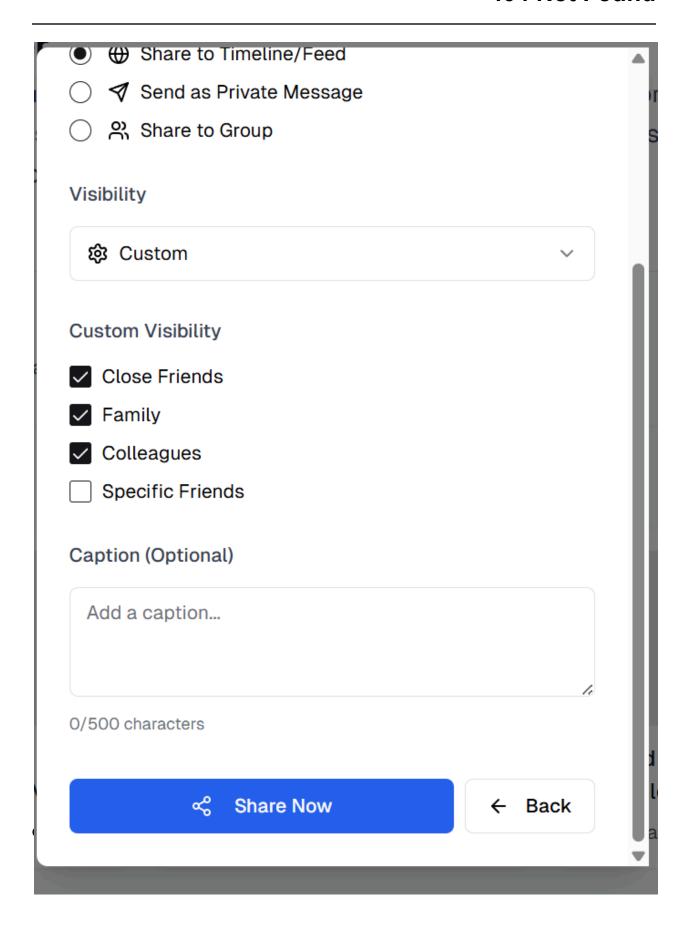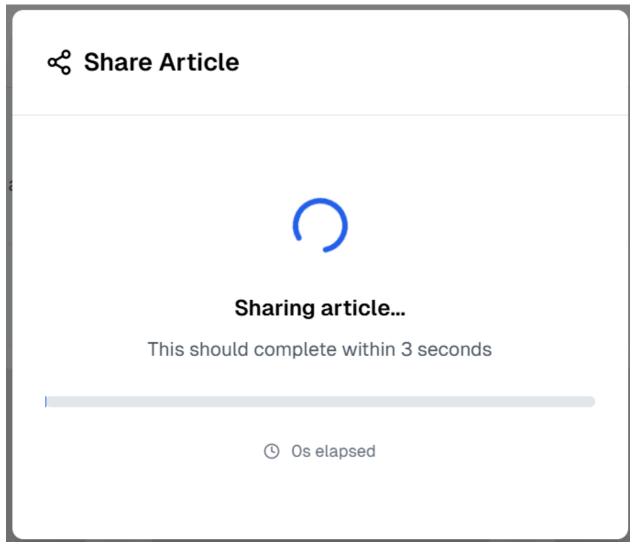
Share Article ✕

Share Options - Facebook

Share Method

○ ⊕ Share to Timeline/Feed

● ◁ Send as Private Message

○ ⧑ Share to Group

Personal Message (Optional)

Add a personal message...

0/500 characters

Share Now   ← **Back**

⤳ Share Article   ✕

⨍ Share Options - Facebook

Share Method

○ 🌐 Share to Timeline/Feed

○ ➤ Send as Private Message

⦿ 👥 Share to Group

Visibility

🌐 Public	⌄

Caption (Optional)

> Add a caption...

0/500 characters

⤳ **Share Now**	← **Back**

Or the user can choose to share for a specific group/ Send as Private Message.

⤙ **Share Article**   ✕

⨍ **Share Options - Facebook**

Share Method

- ◉ ⊕ Share to Timeline/Feed
- ◯ ➤ Send as Private Message
- ◯ ⧉ Share to Group

Visibility

┌───┐
│ ⚙ Custom   ⌄ │
└───┘

Custom Visibility

- ☐ Close Friends
- ☐ Family
- ☐ Colleagues
- ☐ Specific Friends

Caption (Optional)

The users can Custom their Sharing Visibility

○ ⊕ Share to Timeline/Feed

○ ⏶ Send as Private Message

○ 👥 Share to Group

Visibility

⚙ Custom   ⌄

Custom Visibility

☑ Close Friends

☑ Family

☑ Colleagues

☐ Specific Friends

Caption (Optional)

Add a caption...

0/500 characters

⋘ Share Now   ← Back

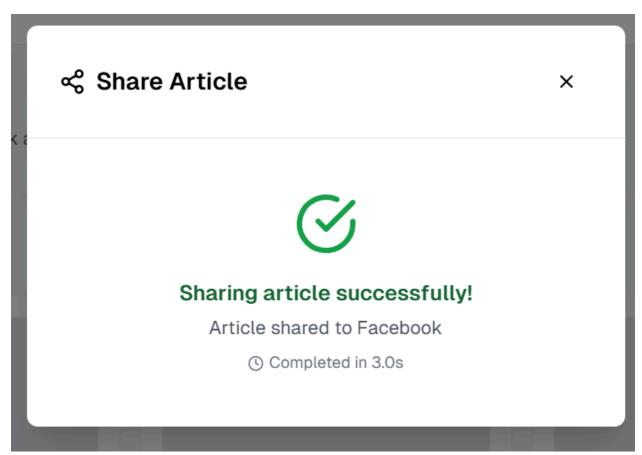*The screen shows when the system processes the Sharing processing.*

The system sends an error message "Failed to share the article", and the mistake occurs (e.g API). The Cancel will lead the user go back to the Multiple Platform Selections screen (screen after clicking the Share button).

Share Article

Sharing article...

This should complete within 3 seconds

0s elapsed

The system messages "Sharing article successfully!" straight after the article has been shared.

7.2.1   .
7.2.2   .