# Group 2

# Digital Newspaper Website UI Prototype Description

Version 1.0

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UID01	

**Revision History** 

Date	Version	Description	Author
		Fill in the UI and write a description for the sections: Authentication, HomePage, Search	Lê Thị Minh Thư
		Fill in the UI and write a description for the sections:  Admin, History, Share	Trần Hữu Khang
15/8/2025	1.0	Fill in the UI and write a description for the sections: Article, Comment, Writer	Thạch Ngọc Hân
		Fill in the UI and write a description for the sections:  Favourites, Article Reviewer.	Lê Đình Minh Quân
		Fill in the UI and write a description for the sections: Rating, Account, Editor	Nguyễn Tấn Lộc

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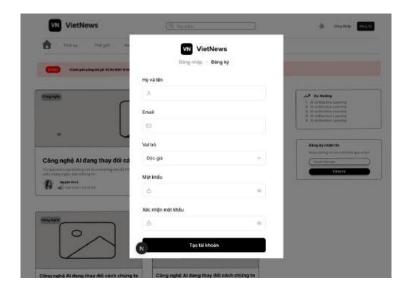
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# 1. Authentication

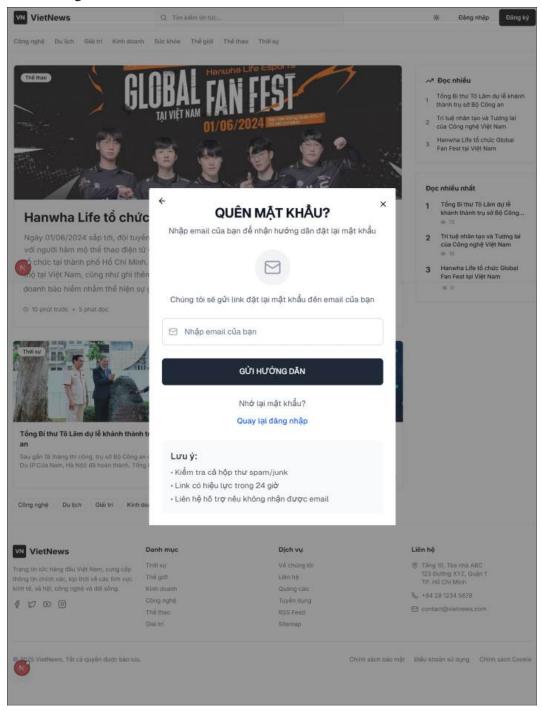
1.1. Sign up



- **Purpose**: To allow users to register a new account on the VietNews platform.
- **Scenario**: When a user wants to create a new account, they click on the "Đăng ký" (Register) tab on the login or registration screen.
- Usage: The user fills in their personal information (Full name, Email), selects a role (Reader) from the dropdown list, enters a password, and confirms the password. Then, they click the "Tao tài khoản" (Create account) button to complete the process.

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# 1.2. Forget Password



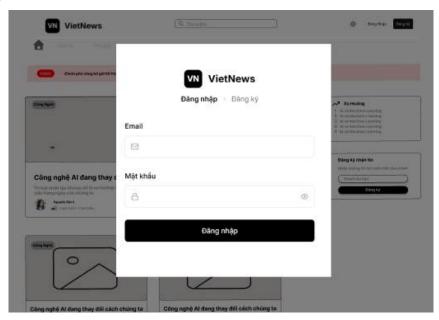
- **Purpose**: To provide a secure process for a user to recover or reset their password if they have forgotten it, by sending a link or instructions via email.
- Scenario: A user has forgotten their login password. They look for the "Quên mật khẩu?" (Forgot

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password?) option on the login page to start the recovery process.

- Usage: The user enters their registered email address into the provided field and clicks the "Gửi hướng dẫn" (Send instructions) button. They then check their email to receive the link or instructions to reset the password.

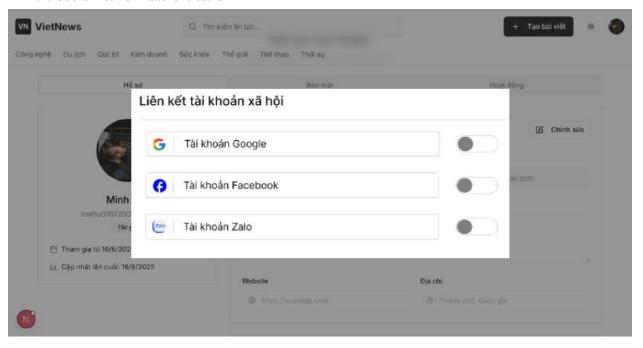
# 1.3. Sign in



- **Purpose**: To allow users to log in to their existing accounts to access features on the "Digital Newspaper" website.
- **Scenario**: When a user already has an account and wants to log in. They click the "Đăng nhập" (Login) button in the top right corner, and a pop-up window appears.
- Usage: The user enters their email and password into the corresponding fields, then clicks the "Đăng nhập" (Login) button to complete the process.

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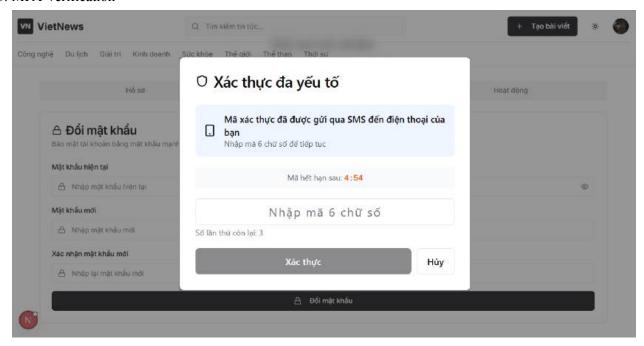
# 1.4. Social network authentication



- **Purpose**: To allow users to link their social media accounts (Google, Facebook, Zalo) to their profile on the website to simplify the login and registration process.
- **Scenario**: A user wants to use their personal social media account to log in quickly, without having to remember a separate password for the website.
- **Usage**: The user accesses the personal profile page, finds the social account linking section. They click the toggle button next to the social media account they want to link and follow the authentication steps from the service provider (Google, Facebook, Zalo).

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# 1.5. MFA Verification

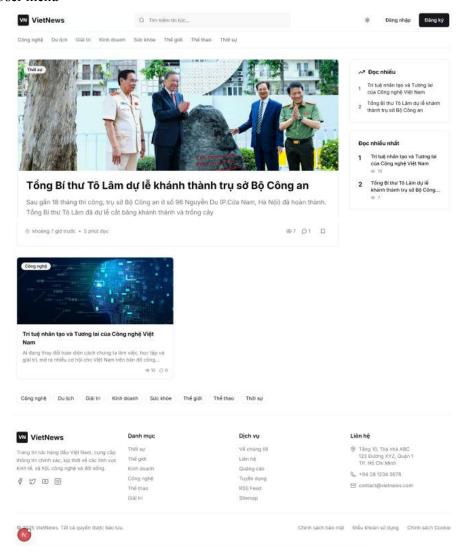


- **Purpose**: To provide an additional layer of security for a user's account by requiring a temporary authentication code sent to their mobile phone.
- **Scenario**: The user has entered the correct password, but their account has two-factor authentication (MFA) enabled. The system requires a second authentication code to complete the login.
- **Usage**: After receiving the code via SMS, the user enters it into the "Nhập mã 6 chữ số" (Enter the 6-digit code) field and clicks "Xác thực" (Authenticate) to complete the login process.

# 2. Home Page

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#### 2.1. User menu



- **Purpose**: To provide buttons that allow users to log in to an existing account or register a new account on the website.
- **Scenario**: A user visits the homepage and wants to interact with member-only features, or wants to create a new account to personalise their experience.
- **Usage**: The user clicks the "Đăng nhập" (Login) button to open the login form or clicks the "Đăng ký" (Register) button to open the registration form.

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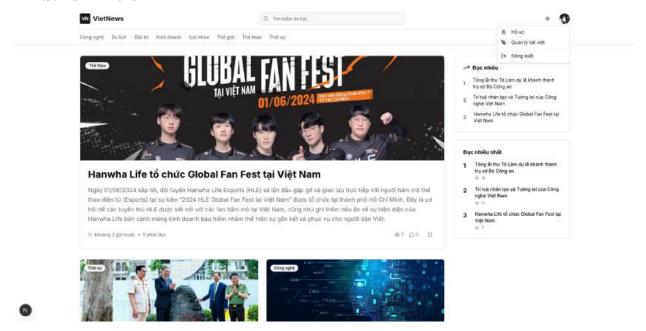
#### 2.2. Editor menu



- **Purpose**: To provide a quick access menu for a logged-in user (especially one with an editor role) to manage their account and content.
- **Scenario**: After successfully logging in, the user wants to edit their personal information, manage articles, or log out of their account.
- Usage: The user clicks on the account icon in the top right corner of the screen. A dropdown menu appears with options for "Hồ sơ" (Profile), "Quản lý bài viết" (Manage Articles), and "Đăng xuất" (Logout).

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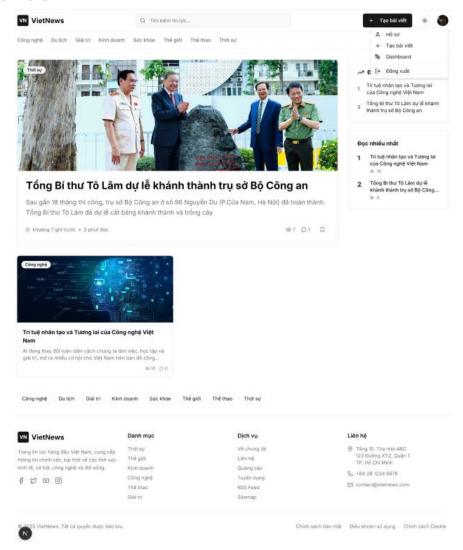
#### 2.3. Admin menu



- **Purpose**: To provide a quick-access and centralized menu for important management and personal tasks, allowing users with administrative or editorial privileges to easily navigate to core function pages such as article management and personal profiles.
- **Scenario**: An editor or administrator has logged in and wants to quickly perform tasks such as managing articles, reviewing their personal profile, or securely logging out of the system.
- **Usage**: The user clicks on their account icon in the top-right corner of the page. A dropdown menu will appear with the following options: "Hồ sơ" (Profile) to view and edit personal information, "Quản lý bài viết" (Manage articles) to access the content management dashboard, and "Đăng xuất" (Log out) to exit the session. These functions will take the user to the corresponding pages, such as the general Dashboard page or the "Manage articles" page.

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#### 2.4. Author menu



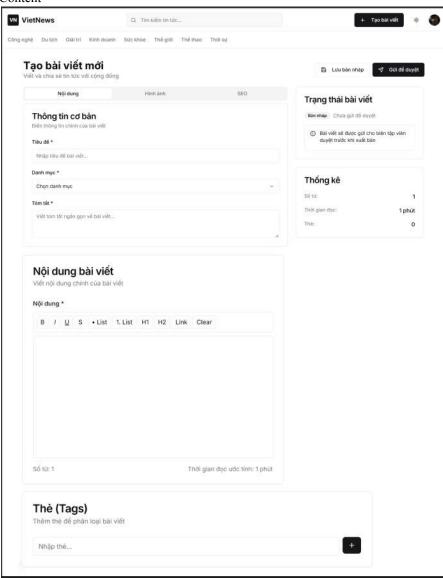
- **Purpose**: To provide a quick access menu for a user with an author role to create and manage their articles, as well as their personal account settings.
- **Scenario**: After successfully logging into their account, an author wants to start writing a new article, review their published articles, or access their personal administration page.
- **Usage**: The user clicks on the account icon in the top right corner of the screen. A dropdown menu appears with options such as "Tạo bài viết" (Create article), "Hồ sơ" (Profile), "Tác giả bài viết" (Author's articles), and "Đăng xuất" (Logout).

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# 3. Article

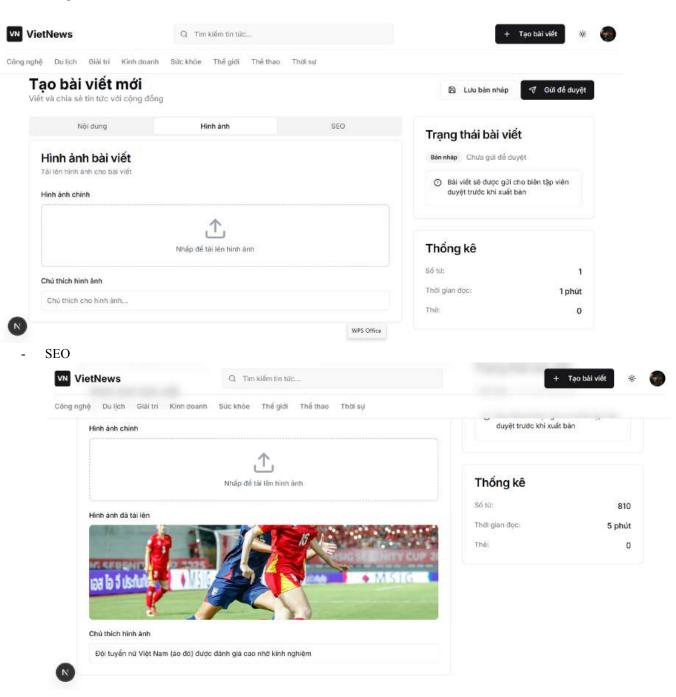
# 3.1. Create an article

- Content



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- Image



- **Purpose**: To provide a comprehensive interface for a user with an author or editor role to create, edit, and submit a new article, including content, images, and SEO information.

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- **Scenario**: When an author wants to contribute new content, they access this page to begin the article-writing process and complete all aspects of an article.
- **Usage**: The user starts by filling in the basic information and main content of the article. Then, they can switch to the "Hình ảnh" (Image) tab to upload an illustration image and add a caption, as well as switch to the "SEO" tab to enter keywords and descriptions. When finished, they can save a draft or submit the article for the editorial board's review.

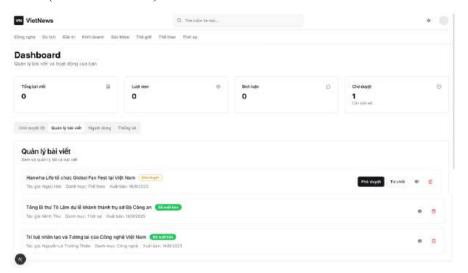
#### 3.2. Edit article



- **Purpose**: To provide an interface for an author or editor to edit the content, images, and SEO information of a previously created article.
- **Scenario**: A user with an author role wants to update information, fix errors, or change the content of an existing article.
- **Usage**: The user accesses the "Chinh sửa bài viết" (Edit article) page, edits the necessary information fields. After completion, they can save a draft or resubmit the article for the editorial board's review.

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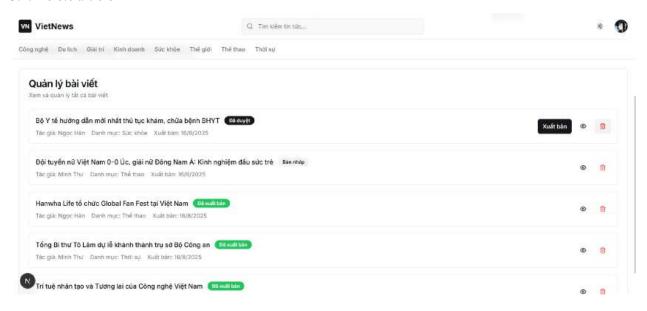
# 3.3. Review article (moderator/admin)

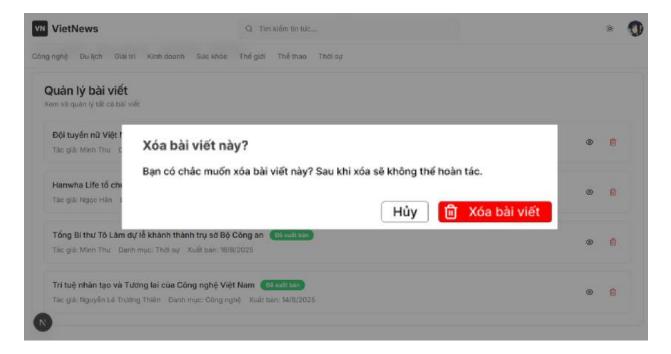


- **Purpose**: To provide a dashboard for users with a moderator or administrator role to review, approve, or reject articles submitted by authors before publication.
- **Scenario**: After logging in, a moderator accesses the Dashboard page to check the list of articles awaiting review.
- **Usage**: The user clicks the "Chò duyệt" (Pending review) tab to view the list of articles. They can click "Phê duyệt" (Approve) to publish the article or "Từ chối" (Decline) to reject that article.

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#### 3.4. Delete article



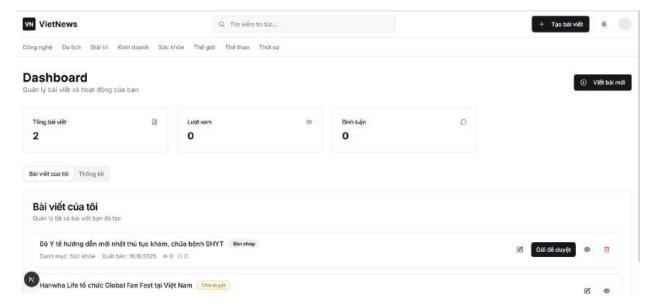


- **Purpose**: To provide a function that allows users with content management rights (authors, editors, administrators) to permanently delete an article from the system.
- **Scenario**: A user wants to delete an old, no longer relevant, or an article that contains inaccurate information.
- Usage: The user accesses the "Quản lý bài viết" (Manage articles) page, finds the article they

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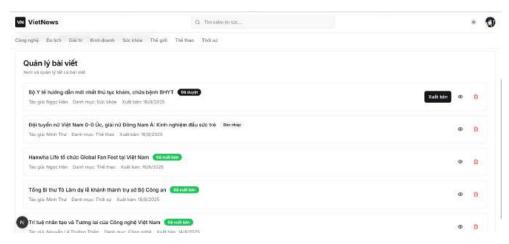
want to delete, and clicks the delete icon. A confirmation dialogue will appear, asking the user to reconfirm the deletion action.

#### 3.5. Save article as draft



- **Purpose**: To provide a personal dashboard for an author to manage their articles, especially to view and continue editing saved drafts.
- **Scenario**: An author has written an article but has not finished it yet. They save the article as a draft and then access it later to continue editing or submit it for review.
- **Usage**: The user accesses their personal Dashboard, which shows a list of the articles they have created. They can identify which articles are "Bản nháp" (Draft) and click on them to continue editing. After completion, they can click "Gửi để duyệt" (Submit for review).

#### 3.6. Publish article



- **Purpose**: To provide a function that allows users with an editor or administrator role to directly

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publish articles that have been submitted for review.

- Scenario: After an author submits an article for review, an editor reviews the content and confirms that the article is ready to be published.
- **Usage**: The editor/administrator accesses the article management page. They find the article with the "Chò duyệt" (Pending review) status and click the "Xuất bản" (Publish) button to post the article on the website.

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# 3.7. Detail article



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- Purpose: To display the full, detailed content of an article, including the title, text, and images, allowing
  the user to read the entire story. This page also provides interactive features such as rating, commenting,
  and sharing the article.
- **Scenario**: A user sees an interesting article title and wants to learn more about the content. After reading, they may want to express their opinion or share the article with others.
- **Usage**: The user clicks on the title of an article from the homepage or an article list to be directed to the detailed page. They scroll down to read the entire content. When finished, they can interact with the article by:
  - Rating the article's quality via the star rating system.
  - Writing and submitting a comment in the "Bình luận" (Comments) section.
  - Clicking the "Chia se" (Share) button to share the article on other platforms.

#### 4. Comment

#### 4.1. Create comments



- **Purpose**: To provide a function that allows logged-in users to comment on articles, creating interaction between readers and the content.
- Scenario: After finishing an article, the user wants to express their opinion or discuss with other

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readers. They scroll down to the comments section.

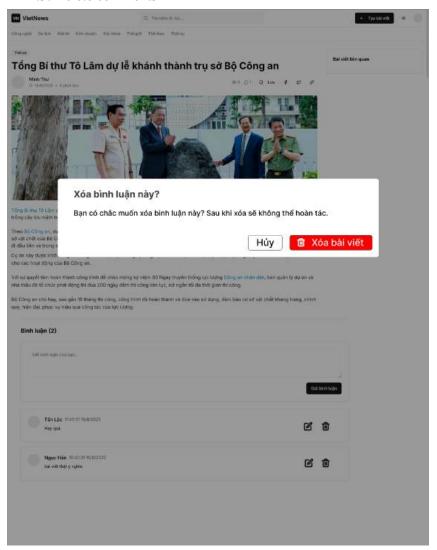
- **Usage**: The user enters the comment content into the text box. After typing, the "Bình luận" (Comment) button will be activated. The user clicks this button to submit their comment.

#### 4.2. Edit comments

- **Purpose**: To allow users to edit comments they have posted, helping them correct typos, add information, or clarify content without having to delete the original comment.
- **Scenario**: A user has written a comment on an article and later discovers a typo or wants to add an extra point. They need a tool to edit that comment.
- **Usage**: The user finds their comment on the article page. They click the edit icon next to the comment. This action will open a window or a text field allowing them to change the comment's content. After editing, they click a "Save" or "Update" button to finalise the changes.

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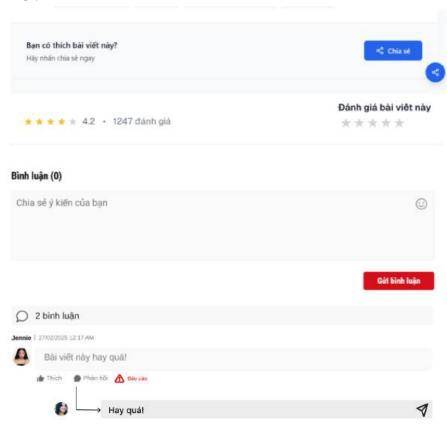
#### 4.3. Delete comments



- **Purpose**: To provide the ability to delete comments from an article, helping users (the comment author) or administrators (for moderation) to remove unwanted content.
- **Scenario**: A user has posted a comment and later wants to remove it. Alternatively, an administrator needs to delete a comment that violates community guidelines.
- Usage: The user clicks the delete icon (trash can) next to the comment. A confirmation window will appear, asking the user to confirm the deletion. The user clicks "Xóa bình luận" (Delete comment) to complete the action.

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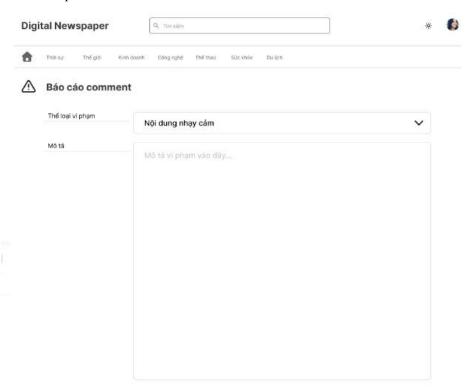
# 4.4. Reply to comments



- **Purpose:** Allows users to directly respond to a comment, creating clear discussion threads and increasing interaction.
- Scenario: User reads an article  $\rightarrow$  clicks Reply under a comment  $\rightarrow$  writes content  $\rightarrow$  submits. The system saves and displays the reply under the original comment in a threaded view.
- **Usage:** Available only for logged-in users. Click **Reply**, enter content, press **Post**/ The reply appears under the original comment, and the original commenter receives a notification.

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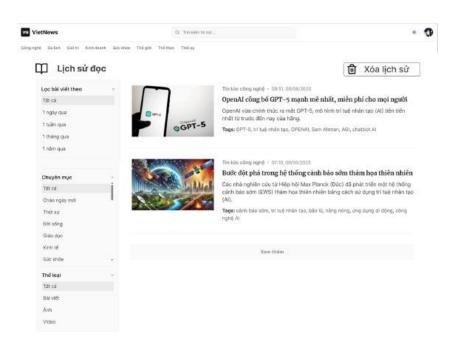
# 4.5. Report comments



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# 5. History

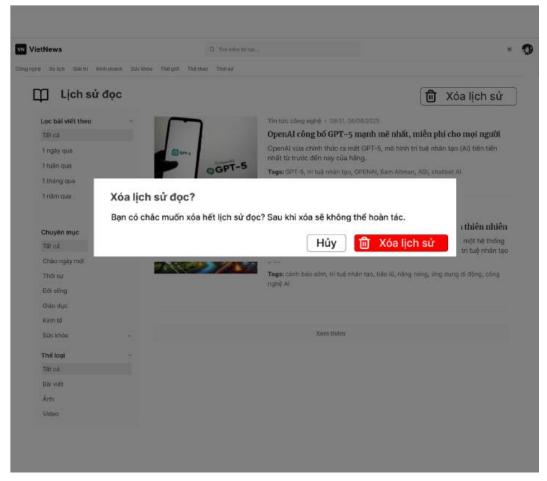
# 5.1. View reading history



- **Purpose**: To provide a page where users can review the list of articles they have read in the past, helping them easily find content they have previously viewed. This page also allows for filtering and clearing the history.
- **Scenario**: A user wants to find an article they read a few days or weeks ago, but can't remember the title. They may also want to delete their reading history for privacy reasons.
- **Usage**: The user accesses the "Lich sử đọc" (Reading history) page. They can scroll down to view the list of articles by time, use the filters to narrow down the results, or click the "Xóa lịch sử" (Delete history) button to clear the entire reading history.

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# 5.2. Delete reading history



- **Purpose**: To provide a function that allows users to permanently delete their entire reading history from the system.
- **Scenario**: The user wants to delete their reading history for privacy or data cleanup reasons. They have viewed the history and decided they want to delete everything.
- **Usage**: The user accesses the "Lich sử đọc" (Reading history) page and clicks the "Xóa lịch sử" (Delete history) button. A confirmation dialogue will appear, asking them to reconfirm the decision because this action cannot be undone.

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# 6. Favourites

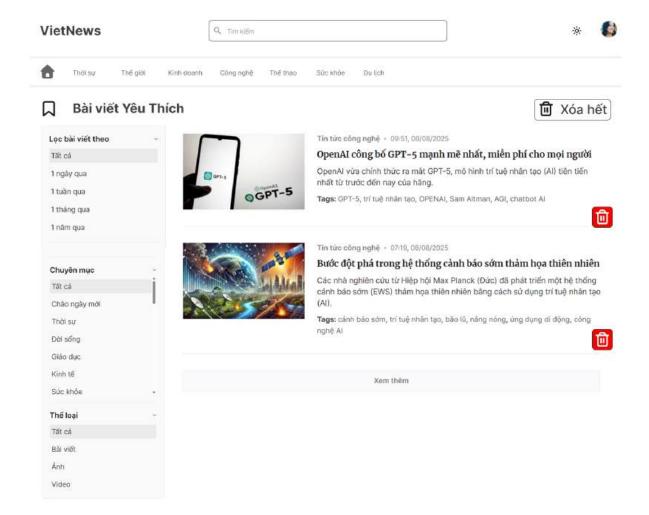
6.1. Save article to favourites list



- **Purpose**: To allow a logged-in user to save an article to their favourites list so they can easily access it again later.
- **Scenario**: When a user is logged in and is reading an interesting article that they want to save for later.
- **Usage**: The user clicks the heart icon or the "Đã lưu" (Saved) button on the article page. When the article is successfully saved, the button will change its state to confirm.

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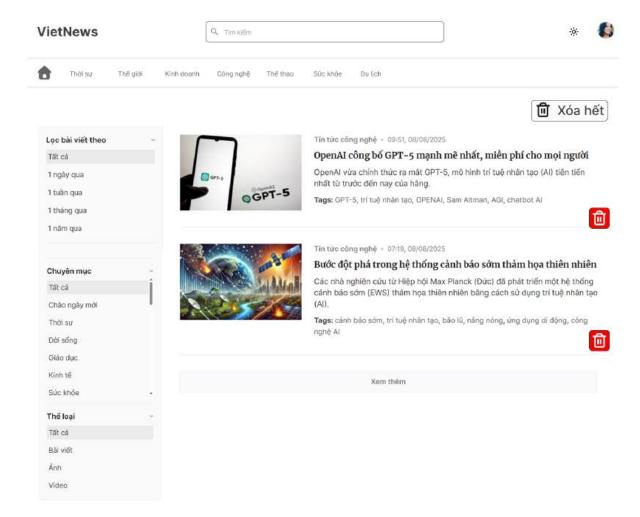
#### 6.2. View favourites list



- **Purpose**: To provide a page where users can review and manage the list of articles they have marked as favourites, helping them easily find important content again. This page also allows users to filter articles and delete the entire favourites list.
- **Scenario**: A user has saved several favourite articles and wants to quickly review them without having to search again. They may also want to remove articles they no longer favour from the list to reorganise it.
- Usage: The user accesses the "Bài viết Yêu thích" (Favorite Articles) page. Here, they can view the list of saved articles. They can use the filter options by time and category to narrow down the results. To delete a specific article, they can click the trash bin icon next to that article, or click the "Xóa hết" (Delete all) button to clear the entire list.

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#### 6.3. Remove from favourites list

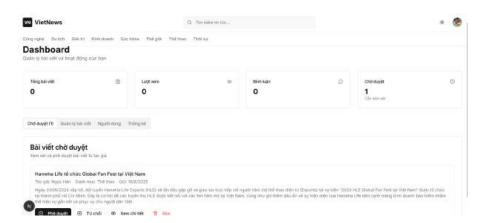


- **Purpose**: To provide users with the ability to delete articles from their favourites list, helping them manage and clean up saved content.
- **Scenario**: A user wants to remove one or more articles that are no longer important from their favourites list to reorganise their content.
- **Usage**: The user accesses the "Bài viết Yêu thích" (Favorite Articles) page. To delete a specific article, they click the red trash can icon next to that article. To delete the entire list, they click the "Xóa hết" (Delete All) button at the top of the page.

# 7. Article Reviewer

# 7.1. View the list of pending articles

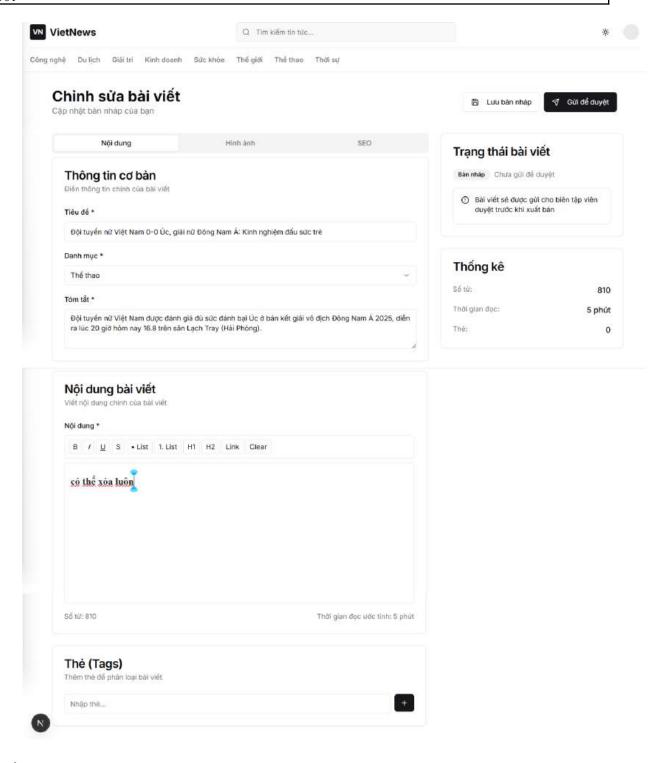
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- **Purpose**: To provide a dashboard for users with a moderator or administrator role to review, approve, or reject articles submitted by authors before publication.
- **Scenario**: After logging in, a moderator accesses the Dashboard page to check the list of articles awaiting review.
- **Usage**: The user clicks the "Chò duyệt" (Pending review) tab to view the list of articles. They can click "Phê duyệt" (Approve) to publish the article or "Từ chối" (Decline) to reject that article.

# 7.2. Make small edits before approval

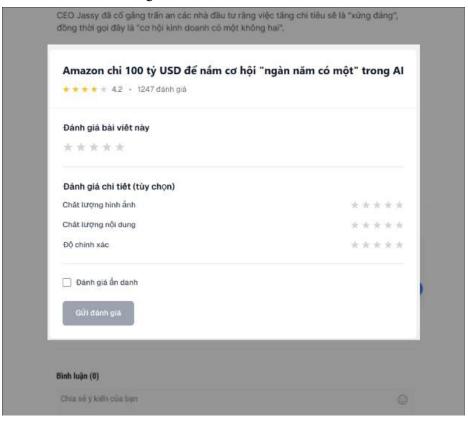
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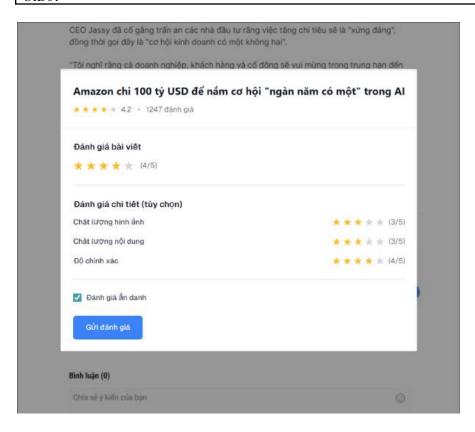
# 8. Rating

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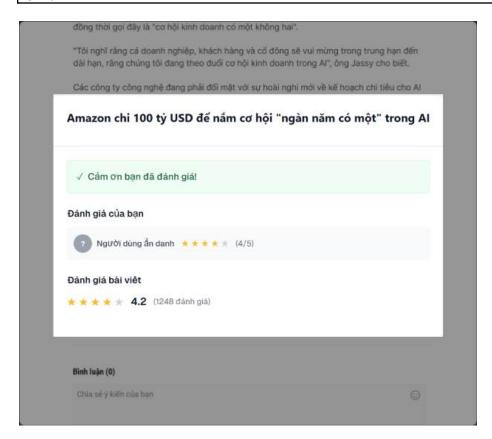
# 8.1. Create rating

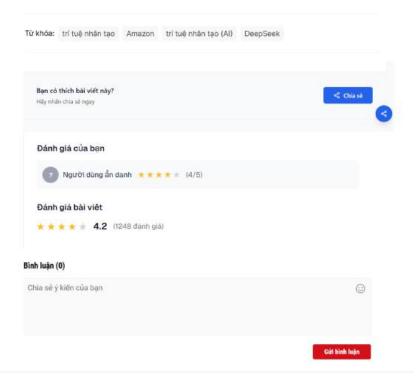


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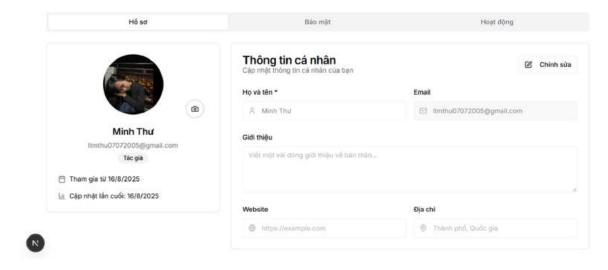


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- **Purpose**: To allow readers to rate the quality of an article, providing valuable feedback on various aspects such as content quality, image quality, and accuracy.
- **Scenario**: After finishing an article, a user wants to express their opinion and provide a rating on the quality of that content.
- **Usage**: The user clicks on the rating section of the article to display the dialogue box. They select several stars for the overall rating and can provide a detailed rating based on criteria such as image quality, content quality, and accuracy. The user can choose to "Đánh giá ẩn danh" (Rate anonymously) before clicking the "Gửi đánh giá" (Submit rating) button to complete the process. A confirmation message will appear after the rating is successfully submitted.

#### 9. Account

9.1. Main interface (user profile page)



- **Purpose**: To provide an interface for a logged-in user to view and update their personal information, including their name, email, self-introduction, and other settings.
- **Scenario**: When the user wants to review their profile or change personal information, they access this page.
- **Usage**: The user clicks the "Hồ sơ" (Profile) tab to view information. To edit, they click the "Chỉnh sửa" (Edit) button, modify the fields, and save. They can also switch to other tabs like "Bảo mật" (Security) or "Hoạt động" (Activity).

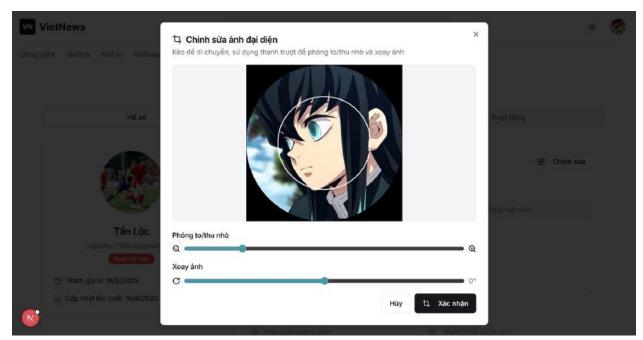
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# 9.2. Change password

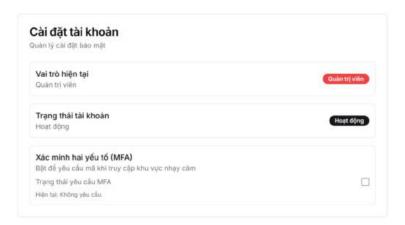


- **Purpose**: To allow a logged-in user to change their account password to enhance security.
- **Scenario**: A user wants to update their current password for security reasons or to change a temporary password.
- **Usage**: The user enters their current password, then enters the new password and confirms the new password. Finally, they click the "Đổi mật khẩu" (Change password) button to complete the process.
- 9.3. Edit personal information (avatar, name, email, description, etc.)
- Avatar

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General Information

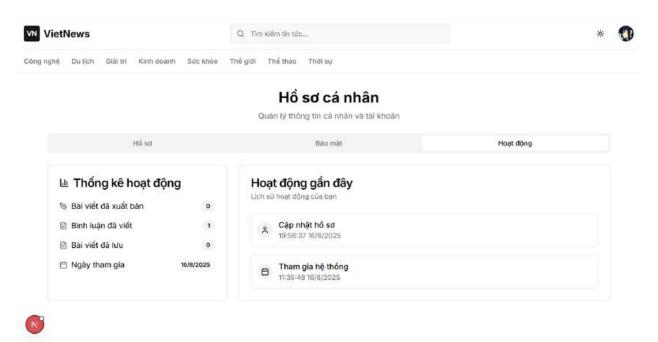


- **Purpose**: To provide an interface for a user to edit their avatar, view their role and account status, and manage advanced security settings like two-factor authentication (MFA).
- **Scenario**: The user wants to personalise their profile by changing their avatar or wants to check the administrative and security settings of their account.
- **Usage**: The user clicks on the avatar to open the editing window, where they can upload a new photo, zoom in/out, and rotate the image. They can also view their role and account status, and enable/disable two-factor authentication.

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# 9.4. Manage active sessions (view & log out from other devices)

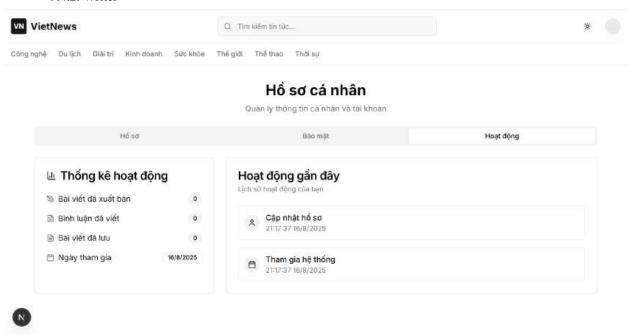
### 9.4.1. Admin



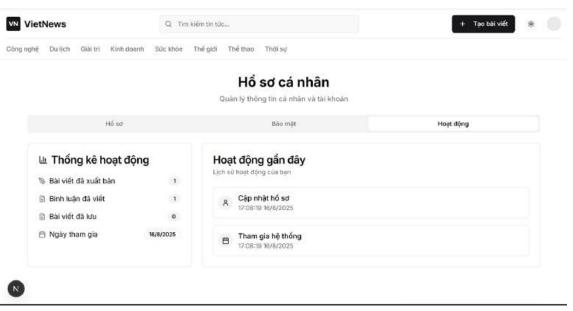
- **Purpose**: To provide a page where users can review their activity statistics and recent account history, helping them to track and monitor their interactions with the website.
- **Scenario**: A user wants to check their activities on the website, such as the number of published articles or comments written, or to ensure that there is no unusual activity.
- Usage: The user accesses their personal profile page and clicks the "Hoat động" (Activity) tab. Here, they can view summarised statistics and a list of their recent account activities.

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# 9.4.2. Writer



# 9.4.3. Editor

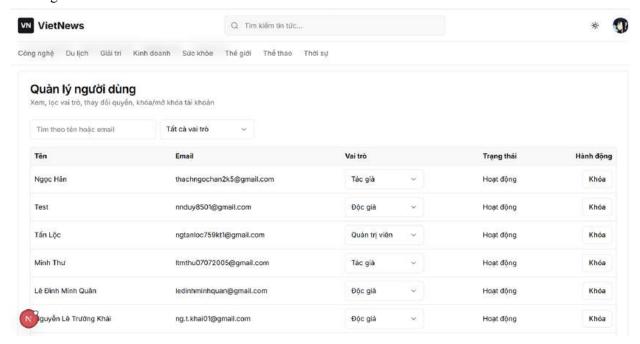


9.4.4. User

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#### 10. Admin

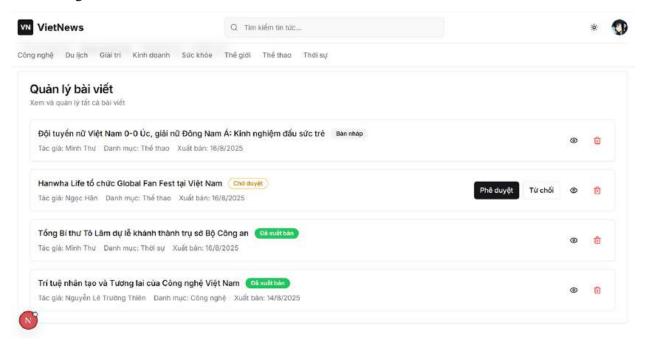
# 10.1. Manage user roles



- **Purpose**: To provide an interface for a user with an administrator role to manage and assign roles to multiple user accounts at the same time.
- **Scenario**: An administrator wants to change the role of one or more users on the system, for example, promoting a "Reader" to an "Author" or vice versa.
- **Usage**: The administrator accesses the user management page, checks the boxes next to the names of the users they want to change. Then, they select the new role from the "Assign to role" menu and confirm the action to update the roles for the selected users.

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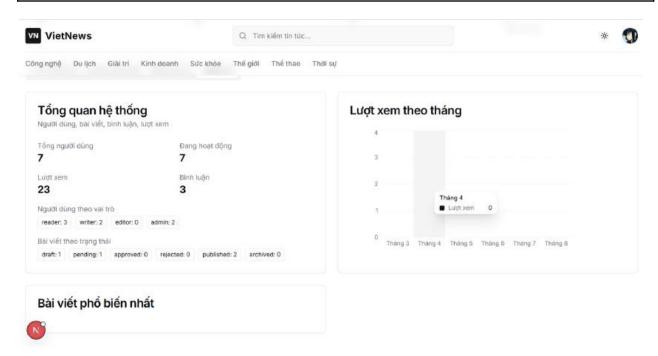
## 10.2. Manage articles



- **Purpose**: To provide a centralised management interface for users with an administrator to view, edit, delete, approve, or reject all articles on the website.
- **Scenario**: An administrator/editor wants to get an overview of all articles, from drafts to pending and published articles, to perform content management actions.
- **Usage**: The user accesses the "Quản lý bài viết" (Manage articles) page. Here, they can view the list of articles by status (Draft, Pending review, Published). Depending on the article's status, they can edit, delete, or approve/reject the article.

### 10.3. View overall statistics

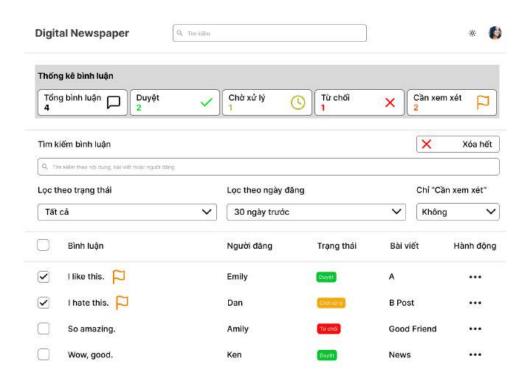
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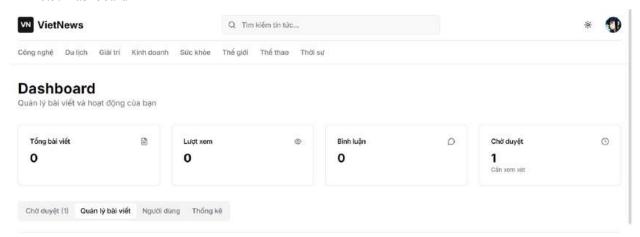
- **Purpose**: To provide an overview dashboard for a user with an administrator role to monitor important system statistics, including the number of users, articles, views, and comments.
- **Scenario**: An administrator wants to evaluate the overall performance of the website. They need to view key metrics such as the number of new users, the number of published articles, or the trend of views over time.
- Usage: The administrator accesses the statistics page. Here, they can quickly view charts and aggregated data about the system, from which they can make decisions about content management and development.

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### 10.4. Moderate comments



#### 10.5. Dashboard



- **Purpose**: To provide a summary dashboard for a user with an administrator or editor role to

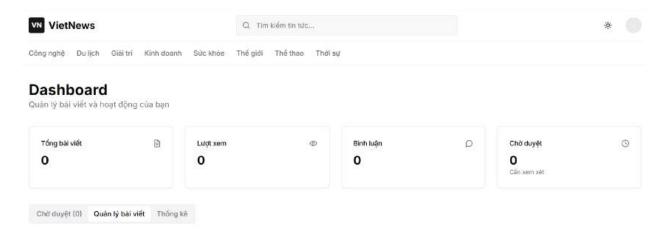
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quickly view key system metrics and access related management pages.

- **Scenario**: Upon logging in, the user wants to get an overview of the website's operational status, including the number of articles pending review, total articles, and views.
- **Usage**: The user accesses the Dashboard to view the aggregated statistics. From there, they can use the tabs to navigate to specific management pages, like managing articles or users.

#### 11. Editor

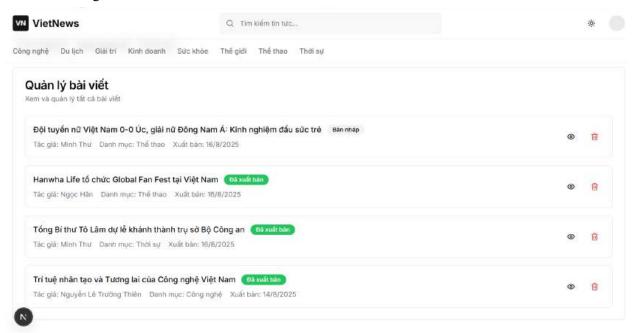
#### 11.1. Editor Dashboard



- **Purpose**: To provide a personal dashboard for a writer to manage the articles they have created, including viewing and editing drafts.
- **Scenario**: A writer is in the process of creating an article and needs to save it to continue working on it later. They also need to track the status of articles that have been submitted for review.
- **Usage**: The writer accesses their personal Dashboard page. Here, they can view a list of their articles by "Bản nháp" (Draft) or "Chò duyệt" (Pending review) status. They can click on a "Bản nháp" (Draft) article to continue editing it, or click "Gửi để duyệt" (Submit for review) when the article is ready for editorial review.

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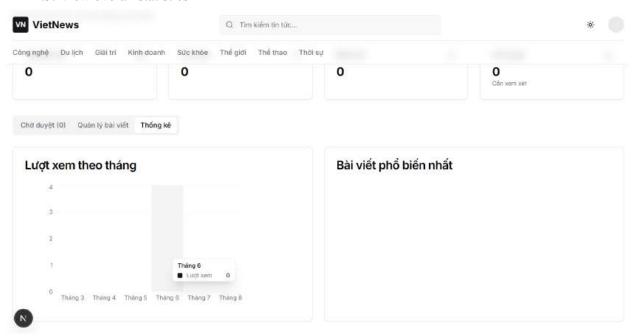
## 11.2. Manage articles



- **Purpose**: To provide a dedicated dashboard and specialised management tools for editors to track, evaluate, approve, and publish articles on the system.
- **Scenario**: An editor logs in and wants to get an overview of articles that are pending review for processing. After reviewing the content, they need to decide whether to approve, reject, or edit an article.
- **Usage**: The editor accesses the Dashboard to view key metrics and the number of articles that are "Chò duyệt" (Pending review). They click on the "Chò duyệt" (Pending review) or "Quản lý bài viết" (Manage articles) tabs to view the list of articles that need to be processed. From there, they can use the "Phê duyệt" (Approve), "Từ chối" (Decline), or "Xuất bản" (Publish) buttons to manage each article.

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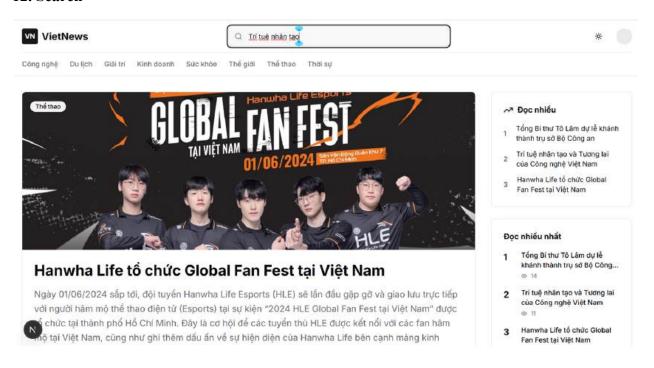
### 11.3. View overall statistics



- **Purpose**: To provide a centralised dashboard and specialised tools for editors to manage, review, edit, and publish all articles on the system.
- **Scenario**: An editor logs in and wants to get an overview of the website's operational status, especially the number of articles pending review that need to be processed. They need to check and edit the content of other authors' articles before allowing them to be published.
- **Usage**: The editor accesses the Dashboard to quickly view the system's key metrics. They click on the "Quản lý bài viết" (Manage articles) tab to view a list of all articles. From there, they can view articles with a "Chờ duyệt" (Pending review) status, click to edit them, or use the "Phê duyệt" (Approve) or "Xuất bản" (Publish) buttons to post the content.

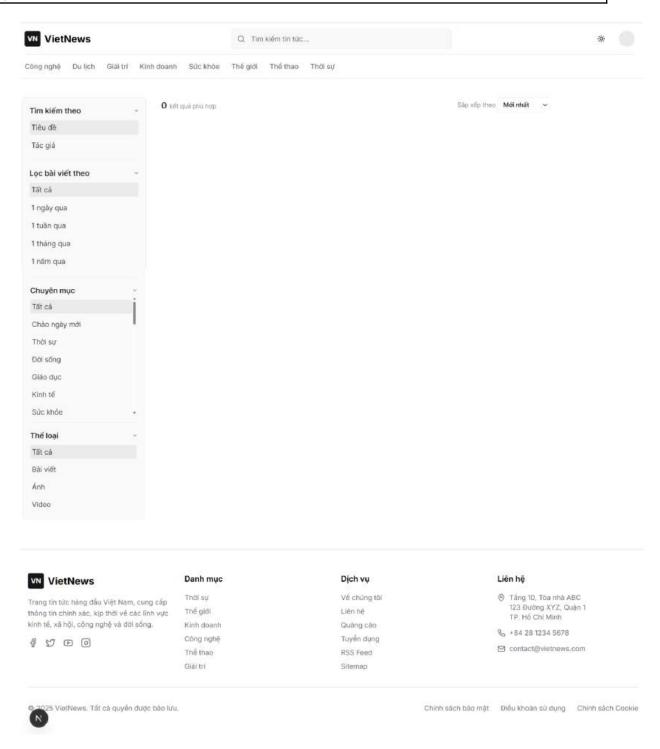
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# 12. Search



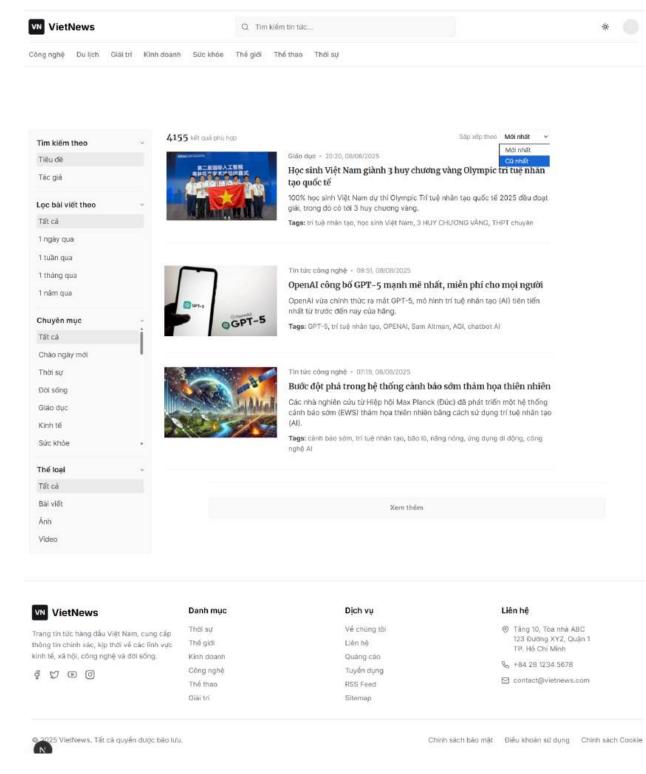
- Result (failed)

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- Result (Found)

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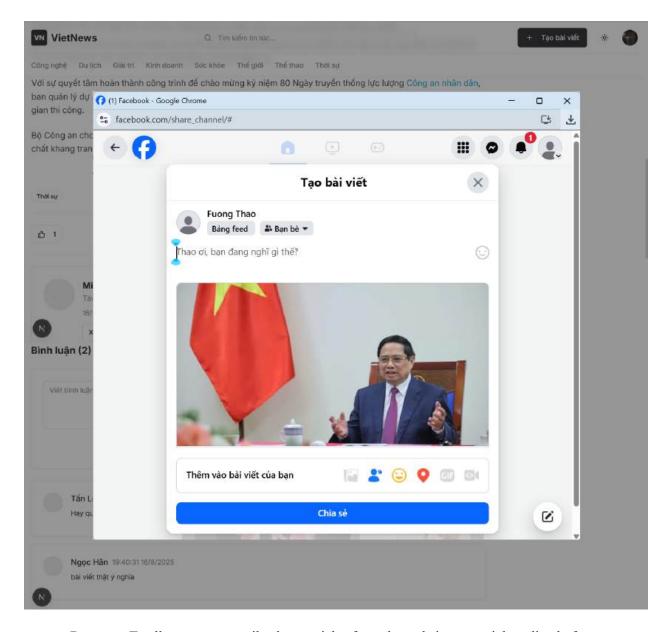


**Purpose**: To provide users with an effective tool to search for specific articles, news, or content on the website, helping them quickly access desired information without having to browse

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- through each category.
- **Scenario**: A user wants to find an article on a specific topic (e.g., "artificial intelligence") or an article they previously read but can't remember its location, requiring an accurate search tool.
- **Usage**: The user enters keywords into the search bar at the top of the page. After pressing Enter or clicking the search icon, they will be directed to the search results page. On this page, the user can use the filters on the left to refine the results by title, author, time, category, or type. They can also sort the results by different criteria, such as "Newest."

### 13. Share



- **Purpose**: To allow users to easily share articles from the website on social media platforms or

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other channels, helping to spread information and increase traffic to the article.

- **Scenario**: A user reads an interesting or important article and wants to share it with their friends, family, or followers on social media.
- Usage: The user finds and clicks the "Chia se" (Share) button on the detailed article page. A pop-up window (e.g., from Facebook) will appear, allowing the user to customise the post, including adding a personal message. After customising, they click the "Chia se" (Share) button within the pop-up window to post the article to their social media.