

**Digital Newspaper Website  
Use-Case Specification: Save Article to Favourite**

**Version 1.0**

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## 404 Not Found

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### Revision History

Date	Version	Description	Author
20/06/2025	1.0	Specific about the Save Article to Favourite use case	Thạch Ngọc Hân

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# Use-Case Specification: Save Article to Favourite

## 1. Use-Case Name: Save Article to Favourites

### 1.1 Brief Description

This use case describes the process by which a logged-in user saves an article to their list of favourites. This enables the user to easily access preferred content later via their personal profile or favourites section.

## 2. Flow of Events

### 2.1 Basic Flow

1. The use case begins when the user views an article.
2. The user clicks the “Save to Favourite” button associated with the article.
3. The system checks whether the user is authenticated.
4. The system adds the article to the user’s list of Favourite articles in the database.
5. The system confirms the save with a notification such as “Article saved to favourites”
6. The use case ends

### 2.2 Alternative Flows

#### 2.2.1 *Alternative Flow 1: User Not Logged In*

At step 3 in the Basic Flow, if the user is not authenticated:

- a. The system redirects the user to the login page or displays a login prompt.
- b. After successful login, the system redirects the user back to the article.
- c. The user may then proceed to save the article.

#### 2.2.2 *Alternative Flow 2: Article Already in Favourites*

At step 4 in the Basic Flow, if the article is already in the user's favourites:

- a. The system displays a message: “This article is already in your favourites.”
- b. The use case ends without duplicating the entry.

## 3. Special Requirements

- 3.1 Performance: The save operation should complete within 1 second.
- 3.2 Data Integrity: Prevent duplication of favourite records for the same article and user.
- 3.3 Security: Only authenticated users can add favourites; all actions must be logged for audit.

## 4. Preconditions

- 4.1 The article must be published and visible to the user.
- 4.2 The user must be authenticated (or be prompted to authenticate).

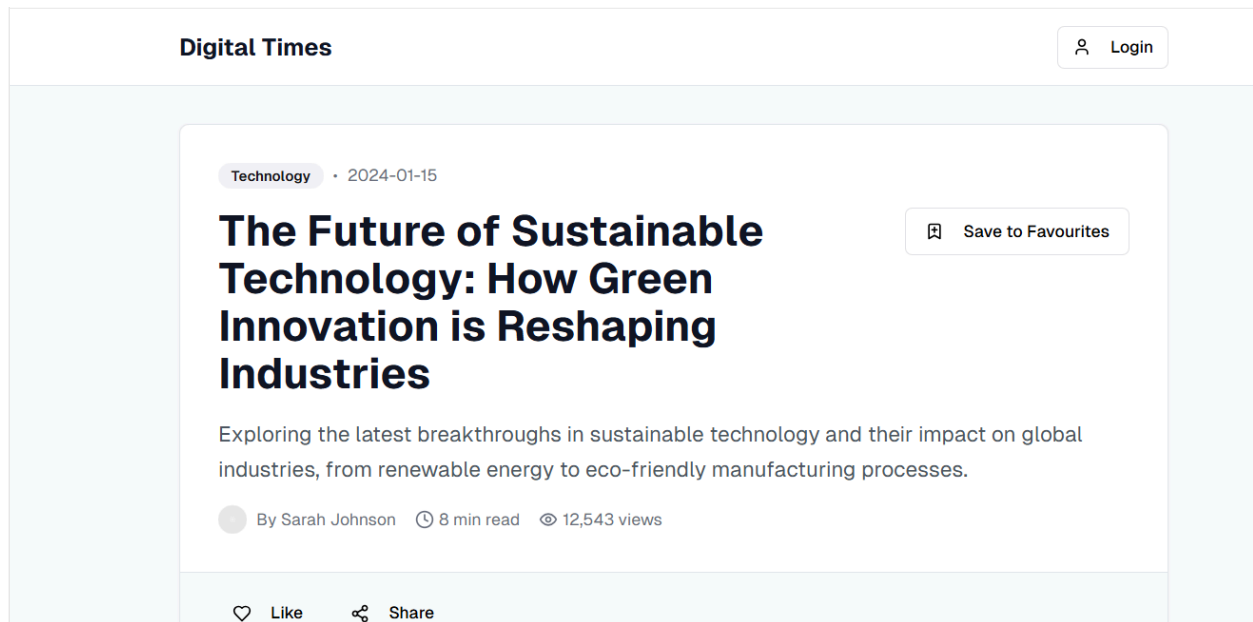
### 5. Postconditions

- 5.1 The article appears in the user's list of favourite articles.
- 5.2 The system confirms success or notifies if the article is already saved.

### 6. Extension Points

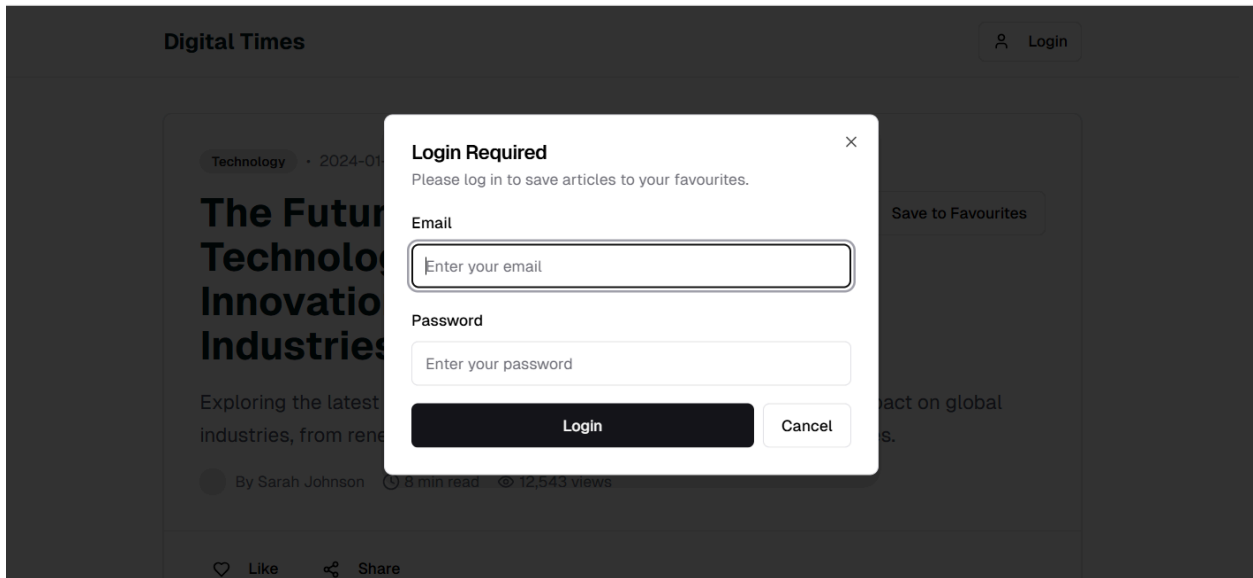
- 6.1 Allows the user to unfavourite a previously saved article.

#### *Original interface*

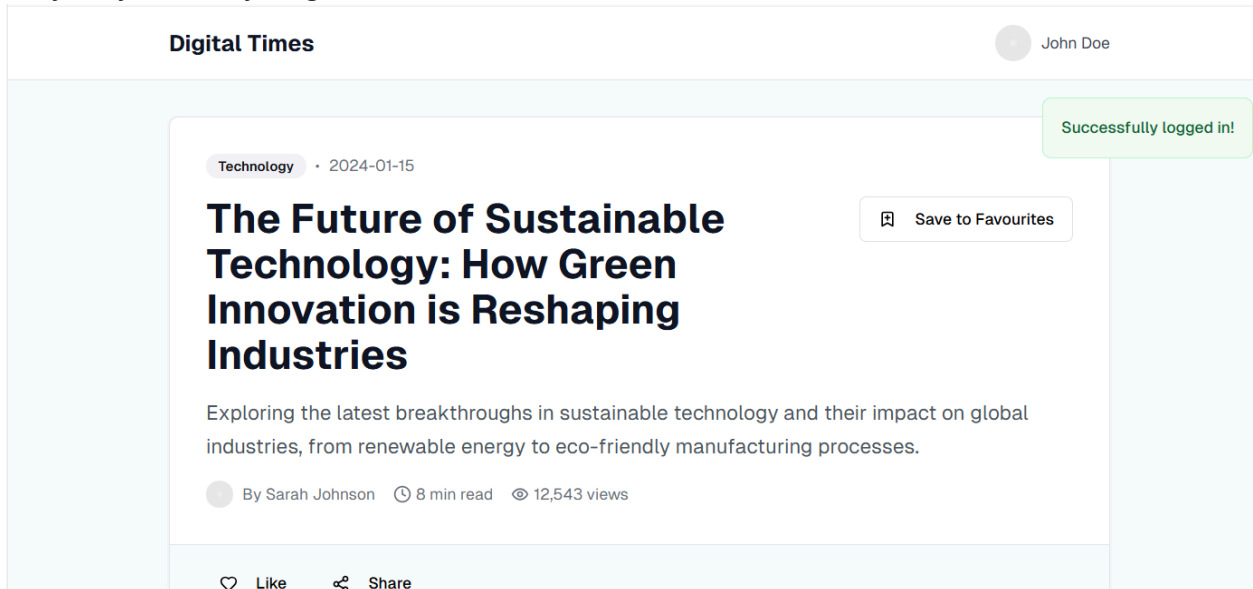


*If you are not logged in and click the "Save to Favorite" button, the system will ask you to log in.*

# 404 Not Found



*Interface after successful login*



*After saving successfully, a notification will appear. The notification will disappear after a few seconds.*

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John Doe

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