

Task Title: Build a Dynamic News Feed with Pagination

Overview - In this task, you will develop a simple news feed page where users can add articles via a form, and those articles will be displayed dynamically on the same page. You will also implement pagination to allow users to navigate through multiple pages of articles.

The articles will consist of a title, description, and an optional image URL. The news feed will display the articles in a grid format, and users can paginate through the list of articles.

Steps to Complete the Task

1. **Setup HTML Structure:**
 - o Create the structure for the news feed page.
 - o The page should contain the following sections:
 - **Article Form:** Form fields for entering article details (title, description, and an optional image URL).
 - **News Feed:** A container to display the articles in a grid format.
 - **Pagination Controls:** Controls at the bottom to navigate between pages (Previous, Next, and page numbers).
 2. **CSS Styling:**
 3. **JavaScript Logic:**
 - o **Article Form:**
 - Create a form that allows the user to enter a title, description, and an optional image URL for each article.
 - Implement validation to ensure the title and description are provided.
 - When the form is submitted, save the article data into an array.
 - o **Display Articles:**
 - Dynamically display the articles in the news feed section.
 - Display articles in a grid format with each article containing a title, description, and an image (if provided).
 - o **Pagination:**
 - Implement pagination to display a limited number of articles per page (e.g., 4 articles per page).
 - Create "Previous" and "Next" buttons to navigate between pages.
 - Create clickable page numbers to jump to specific pages.
 4. **Pagination Functionality:**
 - o Implement the logic to calculate and render the appropriate articles for the current page.
 - o Implement the "Previous" and "Next" buttons to navigate through pages.
 - o Add page number buttons to navigate directly to a page.
 5. **Testing:**
 - o Test the page to ensure that the articles are displayed correctly.
 - o Ensure the form works properly and articles are added to the list.
 - o Verify pagination works and only the correct number of articles are shown per page.
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Dynamic News Feed

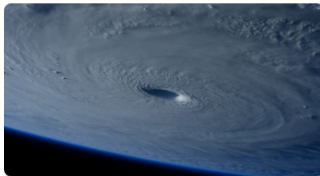
Add a News Article

Title of the Article

Description of the Article

Image URL

Add Article



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