

Sprint 4

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1- Interactive Functionality:

1.1- Plugins:

- Form Validation: Used for validating user input in the registration and contact forms, ensuring that only valid data is submitted.
- Mask: Employed for adding auto-formatting to the phone number field in both registration and contact forms, enhancing user experience.
- Chosen: Integrated for enhancing the multi-select dropdown menu in the registration form, providing a better user interface for selecting interests

1.2- jQuery-UI

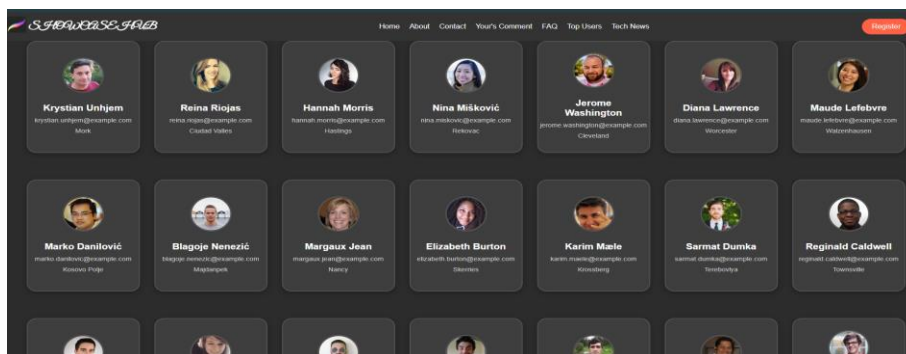
- Date Picker: Implemented for enabling users to easily select their birthdate in the registration form, enhancing usability.
- Autocomplete: Utilized for providing auto-completion functionality in the country field of the registration form, improving user experience by suggesting country names as users type

1.3- Ajax Requests:

AJAX integration is implemented to retrieve live data from external APIs and view the page without reloading, thus ensuring uninterrupted user interaction.

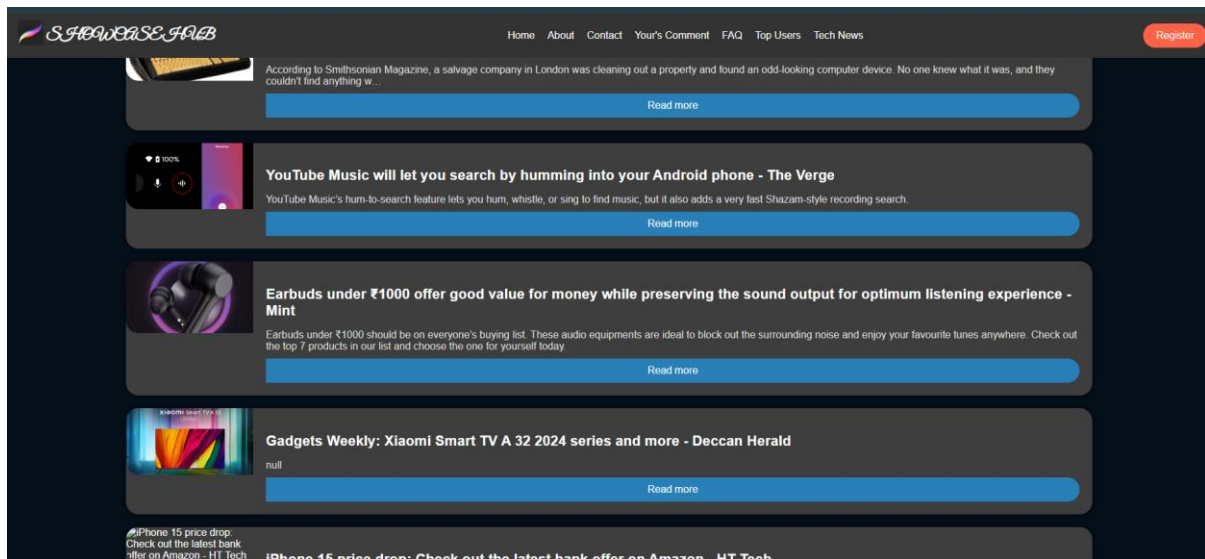
2- AJAX Requests:

2.1- Show Random User Information - RandomUser.me:



Used to display random user information taken from a website called "RandomUser.me". Using AJAX, the web page sends a request to the Random User API and creates user bubbles with data returning from the API. Each bubble contains information such as the user's picture, name, e-mail address and city. The created bubbles are then added to the content of the page and viewed by users. This allows visitors to easily see the information of different users.(topusers-topusers.html)

2.2- Technology News Display - NewsAPI.org:



This code is used to show the latest news in the technology category. When the page is loaded, the `fetchNews` function is called. This feature retrieves the latest news in the technology category from NewsAPI.org. An API key is used to access the API. If necessary, the CORS proxy is used. The data from the API is used to create a HTML block for each news. These blocks include news headings, descriptions, pictures, and more. Finally, the created HTML content is added to a specified HTML item (news-container). If an error occurs, an error message is printed on the console. This code allows users to easily view the latest technology news.(tech news-topProject.html)

Note: api works in localhost but don't work github

3- Responsive Design:

3.1- Mobile-Friendly Layout:

Ensured the site is fully responsive, adjusting to different screen sizes and orientations for optimal viewing on mobile devices.

4- User Interaction:

4.1- Dynamic Content Loading

4.2- Interactive Widgets:

- **Date Picker:** Implemented for enabling users to easily select their birthdate in the registration form, enhancing usability. (register.html)
- **Autocomplete:** Utilized for providing auto-completion functionality in the country field of the registration form, improving user experience by suggesting country names as users type.(register.html-contact.html)
- **Accordion:**we have accordion functionality for an FAQ section. When a question header is clicked, it toggles the visibility of the corresponding answer while closing any other open answers, offering a clean and organized browsing experience for the user.(FAQ.html)

5- Stakeholder Needs

At ShowcaseHub, we are committed to creating an unparalleled environment where projects thrive, connections flourish, and creativity knows no bounds. Here's how we meet the needs of our stakeholders:

Project Creators and Innovators

- **Visibility:** ShowcaseHub ensures your projects shine and captivate audiences.
- **Interaction:** Our platform fosters meaningful feedback and discussions.
- **Resources:** We provide tools to enhance project development and presentation.

Collaborators and Partners

- **Networking:** Connect with like-minded individuals and forge valuable partnerships.
- **Talent Discovery:** Easily find and engage with innovative creators.
- **Collaboration Tools:** Seamless spaces for project development and teamwork.

Audience and Supporters

- **Engaging Content:** Discover and interact with inspiring projects.
- **Community:** Become part of a vibrant, inclusive community.

Businesses and Investors

- **Innovation:** Stay ahead with the latest trends and groundbreaking projects.
- **Opportunities:** Identify promising projects for investment.
- **Insights:** Gain valuable market insights from the creative landscape.

Educators and Learners

- **Resources:** Access educational content and real-world examples.
- **Learning:** Engage with a rich environment for growth and peer support.
- **Mentorship:** Connect with experienced professionals for guidance.

Community and Society

- **Cultural Impact:** Support diverse creative projects that enrich culture.
- **Social Good:** Highlight initiatives that drive positive change.
- **Inclusivity:** Celebrate and promote diverse voices and perspectives. By addressing these needs, ShowcaseHub ensures that every stakeholder benefits from a platform designed to support, connect, and inspire. Experience the difference. Experience ShowcaseHub.

6- Future Aspirations

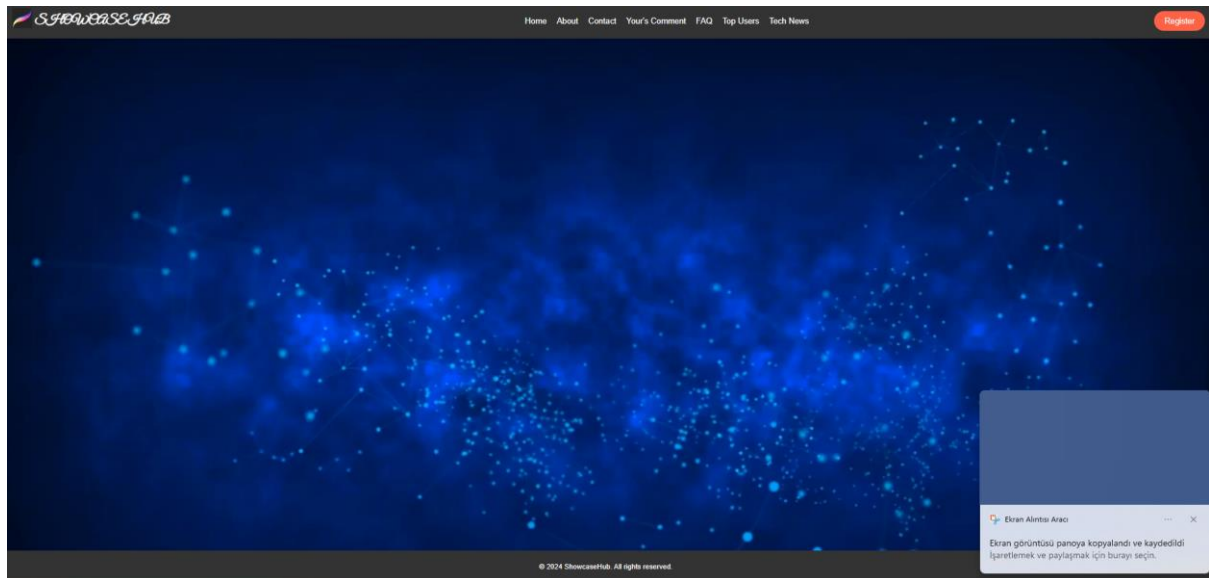
At ShowcaseHub, our mission is to not just offer a platform, but to elevate your experience. We're dedicated to more than just comparison; we're committed to crafting an unparalleled environment where your projects thrive, connections flourish, and creativity knows no bounds.

Step into a world where sharing isn't just about displaying, but about sparking meaningful interactions. ShowcaseHub isn't merely a platform—it's a dynamic community where innovation meets collaboration.

Here, your projects aren't lost in the crowd; they're given the spotlight they deserve. With ShowcaseHub, your work doesn't just exist; it shines, captivating audiences and leaving a lasting impression.

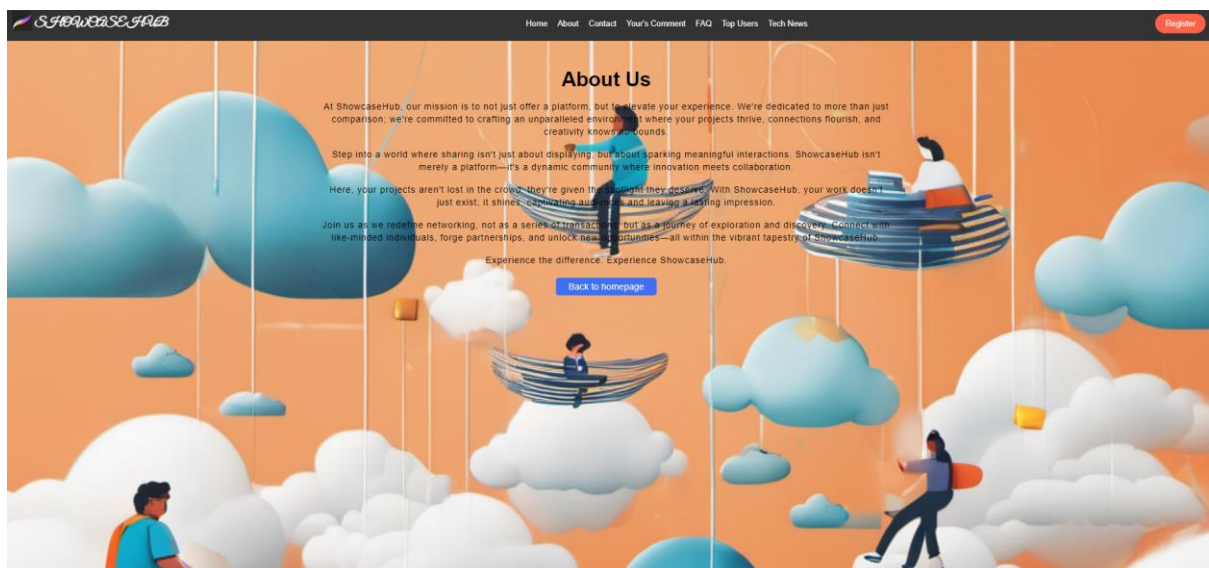
7- Client Usage

7.1-index.html



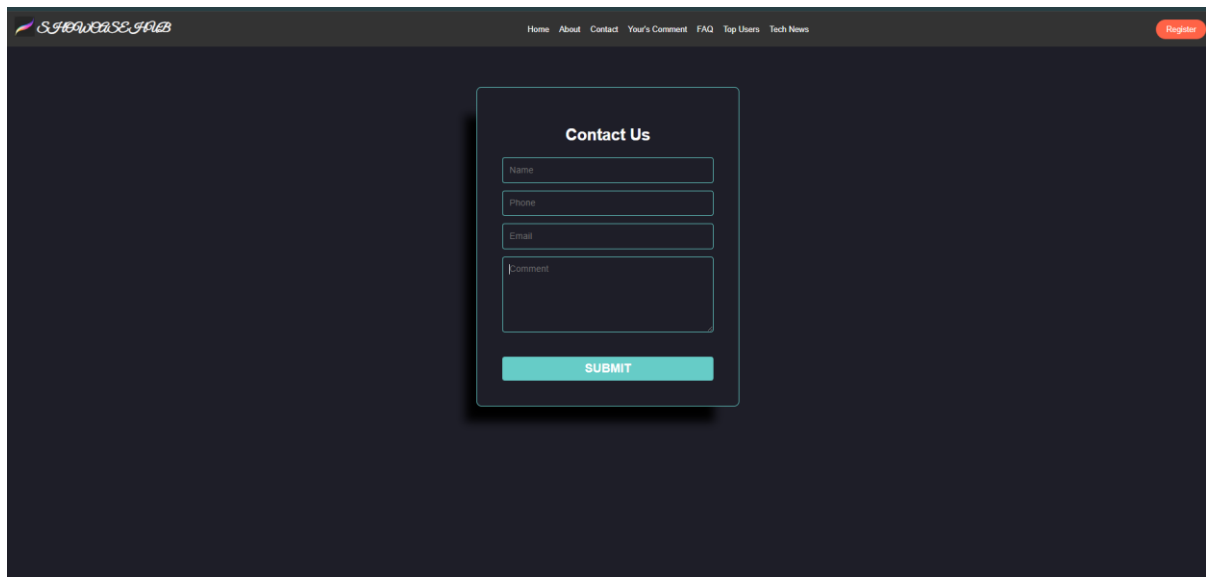
In the index.html file, we see a navigation bar and a registration section. Thanks to this navigation bar, we can easily navigate through other pages. Additionally, this navigation bar is present on every page. In the body section, we see a video playing.

7.2- about.html



The about.html page contains our vision and mission. Those who are curious can read it. Additionally, there is a "Back to Homepage" button to return to the homepage. You can also access the About section by clicking on the "About" part of the navigation bar.

7.3 contact.html

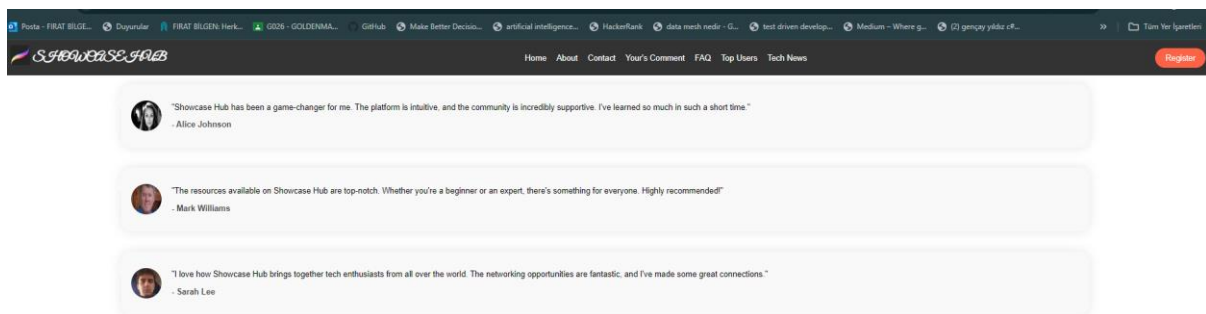


The screenshot shows the 'Contact Us' form on the Showcase Hub website. The form is centered on a dark background and contains the following elements:

- Header:** 'Contact Us' in white text.
- Input Fields:** Four text input fields labeled 'Name', 'Phone', 'Email', and 'Comment'.
- Submit Button:** A red button labeled 'SUBMIT' at the bottom of the form.

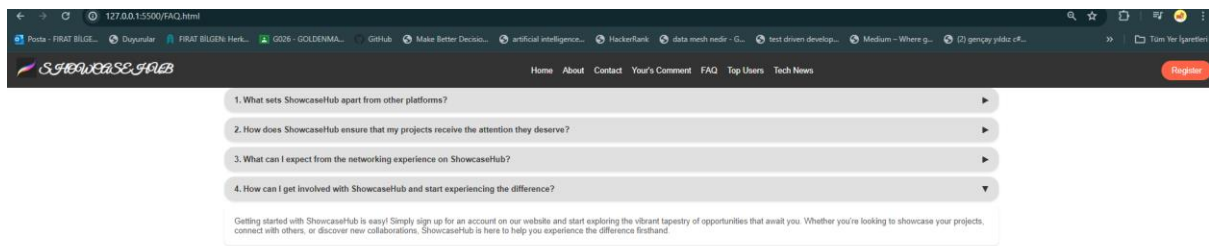
You can navigate to the contact.html page by clicking on the "Contact" section of the navigation bar. In this page, there is a form where you can contact us.

7.4-testimonials.html



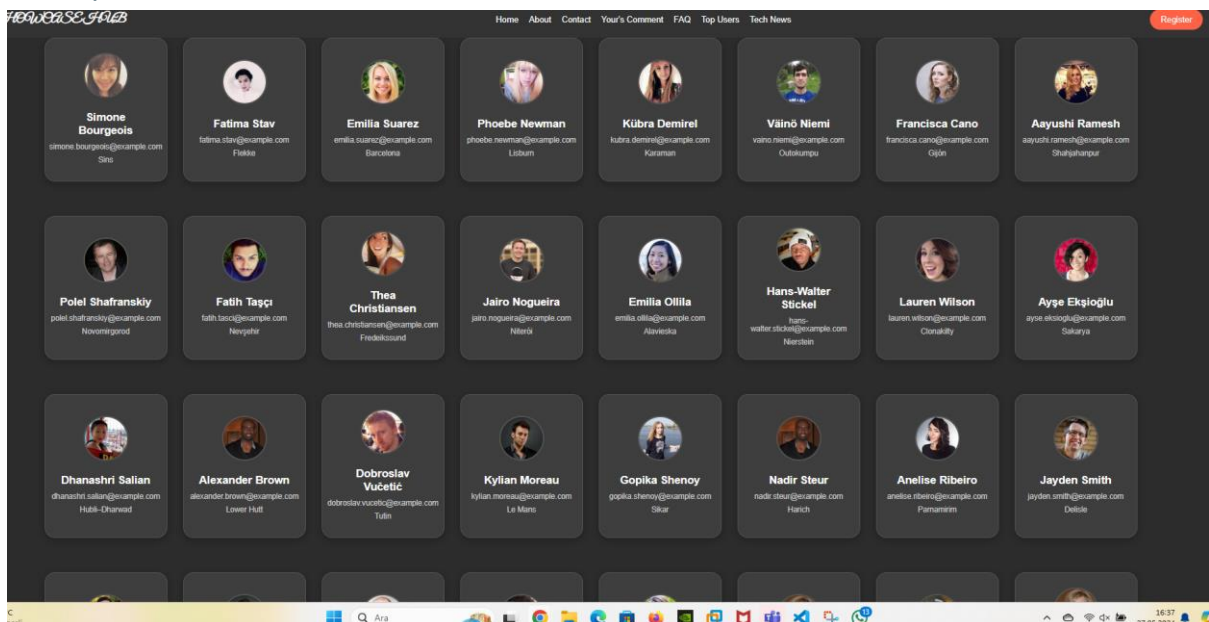
You can go to the testiminoals.html page by clicking on the "Your's Comment" section of the navigation bar. Here, you can view user testimonials.

7.5-FAQ.html



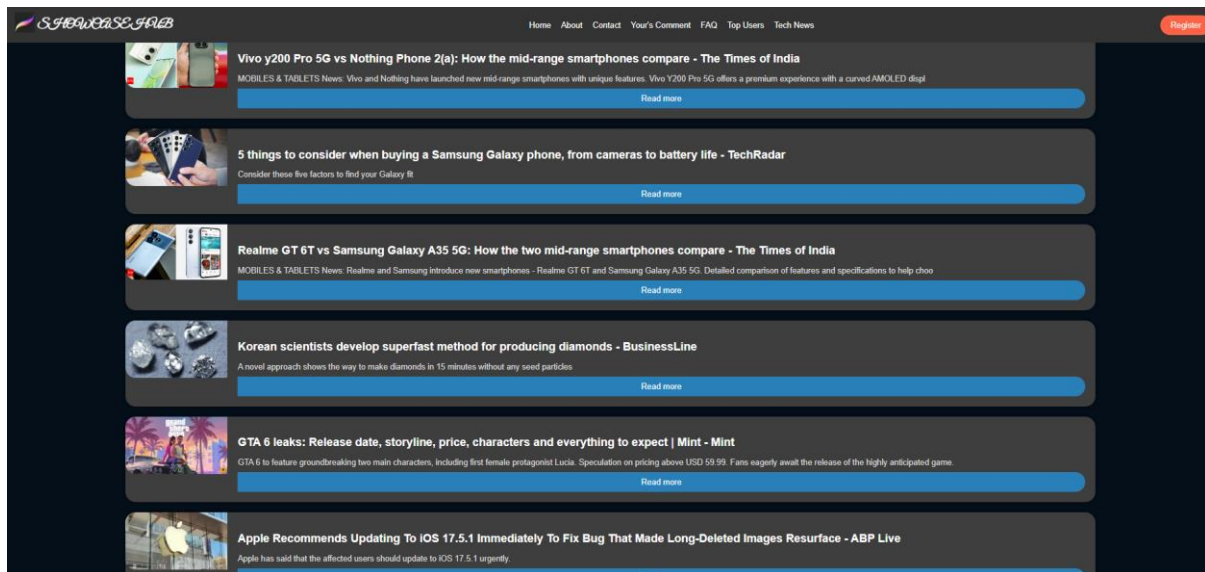
You can navigate to the FAQ.html page by clicking on the "FAQ" section of the navigation bar. Here, you can view users' questions. By clicking on the questions, you can view their answers

7.6-TopHundredUsers.html



You can navigate to the TopHundredUsers.html page by clicking on the "Top Users" section of the navigation bar. Here, you can view the top 100 users pulled from the API.

7.7 topProjects.html



You can go to the topprojects.html page by clicking on the "Tech News" section of the navigation bar. Here, you can view the latest technology news pulled from the API. By clicking on the "Read More" button, you can go to the source of the news article.

7.8-register.html

A screenshot of the 'register.html' page. The page features a dark blue header with the 'SHAWBASE.FAB' logo, navigation links, and a red 'Register' button. The main content area contains a white registration form titled 'Registration'. The form includes input fields for 'Full Name', 'Username', 'Email', 'Phone Number', 'Password', 'Confirm Password', 'Country', and 'Enter Your Birthday'. It also has radio buttons for 'Gender' (Male, Female, Prefer not to say) and a dropdown menu for 'Interests'. A green 'Register' button is at the bottom of the form.

You can go to the register.html page by clicking on the "Register" button. Here, you will see a form to register.

7.9-General

At the topmost part, there is a navigation bar. Inside the navigation bar, you'll find our logo, the name of our website, navigable pages, and a register button.

8-Operational Functionalities

Register Page:

Enables users to register to the site.

Contains a username, email and password entry fields.

After users have filled out the form, the registration process is carried out and the result is shown to the user.

Contacts Page:

Enables users to communicate with site administrators.

Includes name, email and message fields.

After users fill out the form, the contact information is transmitted to the site administrator.

FAQ Page (Accordion):

Includes a section with frequently asked questions.

The answer to each question appears as a title, and users can see the answers by clicking on these titles.

Thanks to the Akordion feature, users can easily open and shut down the answers to the questions they are interested in.

Fetching News:

Fetching News Function:

- The `fetchNews()` function is called when the page is loaded.
- XMLHttpRequest is used to fetch news.
- An AJAX request is sent to newsapi.org to fetch the latest news in the technology category.
- News are retrieved and displayed to the user by generating HTML content.

Fetching Fake User Data:

Fetching User Data:

- Similarly, the `fetchUsers()` function is called to fetch user data.
- Fake user data is obtained from the randomuser.me API.

- Data retrieved from the API, including users' images, names, email addresses, etc., is displayed.

This way, a structure is created where both news and fake user data are dynamically fetched and displayed using AJAX.

Links: <https://frt4021.github.io//sprint4/index.html>

<https://hzuslu.github.io//sprint4/index.html>