

## **TC\_UI\_01**

### **Verify successful login with valid credentials**

login success!!!

Good Result

## **TC\_UI\_02**

### **Verify login failure with invalid credentials (Wrong Password)**

wrong pwd -> invalid credentials

Good Result

## **TC\_UI\_03**

### **Verify failure with invalid username**

wrong email -> user not found

Good Result

## **TC\_UI\_04**

### **Verify “Forgot Password?” link functionality**

wrong email test -> user not found (success check)

input correct email and click "Next Button" -> notification "OTP sent successfully." ->

but I cannot find verification code in my email inbox (5 times test -> all failed)

failure!!

Bad Result

## **TC\_UI\_05**

### **Verify "Remember Me" Checkbox functionality**

I can't find "Remember Me" Checkbox

Bad Result

## **TC\_UI\_06**

### **Verify login form fields (empty submission)**

Success (both form item alert "Please fill out this field")

Good Result

## **TC\_UI\_07**

### **Verify special characters in username/password**

email file must need special character "@"

password filed didn't need any special characters. e.g. my password is 123456, but  
signup successfully!

Good Result

## **TC\_UI\_08**

### **Verify access to secure pages post-login**

I don't know exactly about secure pages, but I tried to access the profile page before  
logging in, but I couldn't.

Good Result

## **TC\_UI\_09**

### **Verify performance for simultaneous logins**

Successfully signed up 2 people at the same time on one browser. It seems like there  
is no token check.

Bad Result

## **TC\_UI\_10**

### **Verify login record in database**

When I looked at the scheme of login information transmitted to the database when logging in, it seems that the database of this site does not record the user's login.

```
~ Login ~ user: page-4e2e2d2d0724418a.js:1
{
  _id: '67b324cbb45b3e4ef4eb75a0', firstName: 'Adrian', lastName: 'Pop',
  email: 'adrianpop9515@gmail.com', role: 'user', __v: 0,
  anonymousToken: '03621e63af1ea579e7b3587a1c4843b5a004911f322483453d5d',
  authorStates: { likeCount: 0, commentCount: 0, shareCount: 0 },
  bannerImage: null,
  bio: null,
  createdAt: '2025-02-17T12:00:11.009Z',
  deletedAt: null,
  email: 'adrianpop9515@gmail.com',
  facebookUrl: null,
  firstName: 'Adrian',
  image: null,
  instagramUrl: null,
  lastName: 'Pop',
  latestApiSubscription: '67b324cbb45b3e4ef4eb75a5',
  latestPlatformSubscription: '67b324cbb45b3e4ef4eb75a8',
  linkedinUrl: null,
  markMeAnonymous: false,
  otpResendAttempts: 0,
  phoneNumber: '2345678901',
  role: 'user',
  status: 'active',
  tagline: null,
  tiktokUrl: null,
  updatedAt: '2025-02-17T12:00:11.103Z',
  youtubeUrl: null,
  __v: 0,
  _id: '67b324cbb45b3e4ef4eb75a0',
  __v: 0,
  [[Prototype]]: Object
}
```

Get result Failure

## TC\_UI\_11

### Verify that homepage loads correctly

All pages loads correctly

Good result

## TC\_UI\_12

### Check the all navigation links are functional

Footer -> Categories links don't work properly

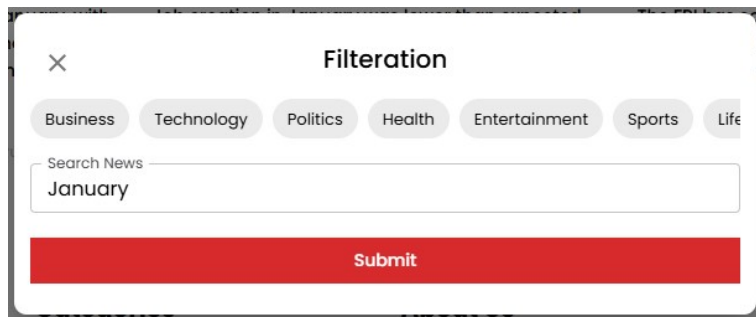
All Others are functional

## TC\_UI\_13

### Ensure featured content is displayed properly

Is displayed.

But Filter content are displayed badly.



I can't select other categories next to the life category.

Bad result

## TC\_UI\_14

### Verify that the profile page displays the correct user details

displays correctly,

Good result

## TC\_UI\_15

### Verify social media links are displayed

they are displayed

Good result

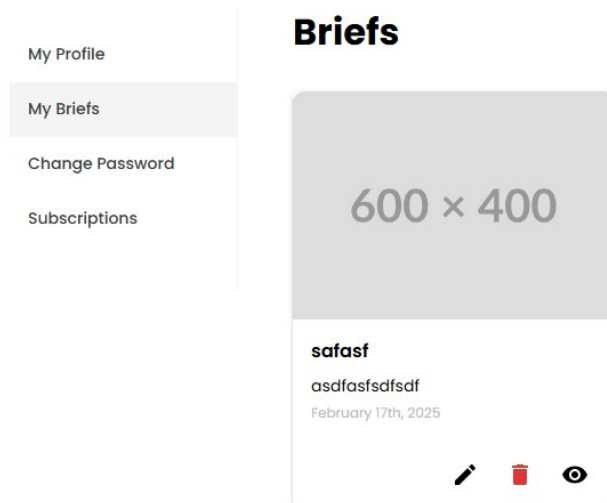
## TC\_UI\_16

### Verify “My Brief” and “My Article” sections are visible

My Article section are visible, but only in the case of I am an author.

My brief page section are visible!

Before press F5



But in this case, While I press F5 keyboard, my brief sections are hidden.

After press F5



When I click on the display icon (eye icon) in the footer of my briefs, an error occurs

Application error: a client-side exception has occurred (see the browser console for more information).

Something went wrong.

**TC\_UI\_17**

**Verify homepage displays Welcome message and CTA button**

I can't find Welcome message, and any kind of CTA button.

Bad result

## **TC\_UI\_18**

### **Verify articles and categories are displayed correctly**

Some of the special articles do not display images. I confirmed that if image is not uploaded during editing, the default image named "no-image-placeholder.cb215155.jpg" is displayed.

Categories are displayed correctly.

Good result

## **TC\_UI\_19**

### **Verify user articles can be reported and posted**

User articles can be reported and posted, but the status is un-published.

Good result

## **TC\_UI\_20**

### **Test form submission with valid data and ensure message**

If I type in random letters in the My Brief Submission Form content and send it, it is displayed on the site, but I think there should be a function for the admin to approve the display.



TC\_UI\_21

Check the empty state handling

Add brief form empty validation work properly.

Good result

TC\_UI\_22

Ensure UI elements are accessible and clearly loaded

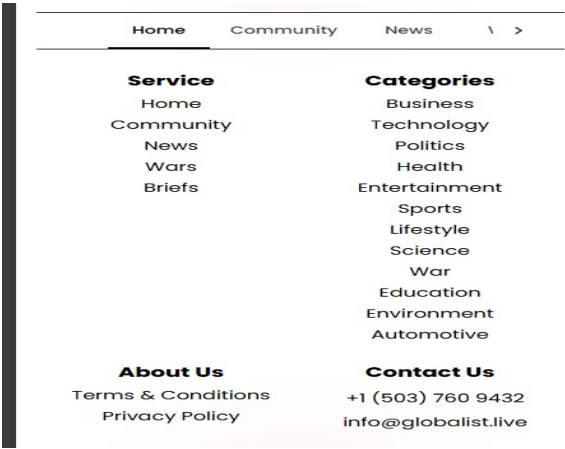
Good result

TC\_UI\_23

Verify the text is appropriately sized across different devices

Displays exactly up to 320\*375px

However, the categories are very detailed in 320 pixels, so it feels unpleasant to see.



Good result

## **TC\_UI\_24**

### **Confirm that all text are translated correctly in supported languages**

I already checked all text of this page without articles.

No error.

Good result

---

## **TC\_API\_01**

### **Verify API calling functionality for articles**

Read, Thumbs up, share, add comment function work properly.

My article C, U, D including "Delete confirm" work properly, but I can't check read function, because there is no my articles that are published.

## **TC\_API\_02**

### **Verify articles are categorized correctly**

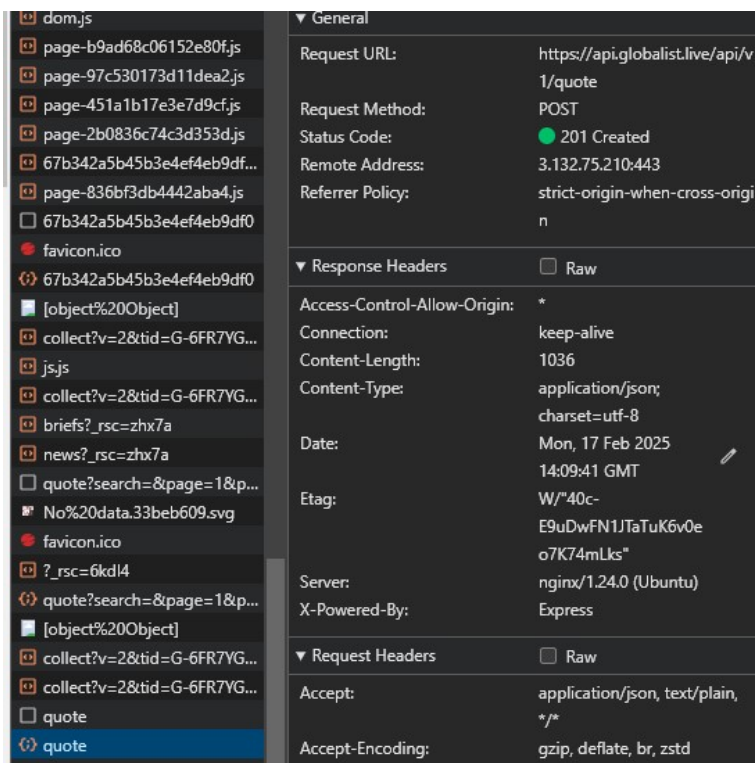
Navigation work properly, but I can't check categories.

Because the links in them are not implemented properly.

## TC\_API\_03

### Verify old articles are deleted after two months

I have no way to check this, because I don't have direct access to the API, and even if you change the system time, the creation and deletion of new articles will follow the system time of the server.



And in this site, the oldest article was posted Jan 31st, 2025

Gascón apologizes for old social media posts – NPR

Spanish actress Karla Sofía Gascón faces backlash after old derogatory posts against Muslims resurfaced on social media, leading her t...

Business

Entertainment

Education

baby with Times

Lily Collins their first c McDowell,

Entertain

January 31st, 2025

## Service

Home

Community

News

Wars

Briefs

## Categories

Business

Technology

Politics

Health

Entertainment

Sorry for this.

## TC\_API\_04

**Verify that the system correctly retrieves articles based on specified categories**

I didn't check this function, because categories function don't work properly.

But every articles have their own categories.

But if you're talking about a filter, that's exactly what it does.

## TC\_API\_05

**Verify that the system returns no articles for an empty category**

There are no articles that haven't categories, that's because while we post articles, category option are required!

But if you're talking about a filter, that's exactly what it does: it doesn't return articles if there are no matching search results.

## **TC\_API\_06**

### **Verify that articles can be filtered by date**

I can't find filtration by date.

## **TC\_API\_07**

### **Verify that the correct number of articles is retrieved within the daily limit**

I don't really understand what this means, but in the news or wars sections, articles are not loaded all the way through at first, but only a certain number are displayed, and when I scroll down, They appear continuously

## **TC\_API\_08**

### **Verify that rephrased articles are properly entered into the admin panel.**

Maybe they will be properly entered into the admin panel.

I don't have admin role so I can't check, but when I sign up with author role and submit a new article or edit it, it doesn't get posted to the blog right away but remains un-published.

## **TC\_API\_09**

**Verify that articles are categorized correctly before entering the admin panel**

They are categorized correctly.

## **TC\_API\_10**

**Verify the functionality of the article rejection process in the admin panel**

I can't check this. I haven't any admin role. Sorry for this.

## **TC\_API\_11**

**Verify the logging of article submissions for admin review**

I can't check this. I haven't any admin role. Sorry for this.

## **TC\_API\_12**

**Verify the functionality of reporting articles for bad AI description**

What is AI description? There is no reporting function about articles.

Reporting is possible only in brief.

### **TC\_API\_13**

#### **Verify that reports generated for articles can be viewed by admin**

I can't check this. I haven't any admin role. Sorry for this.

### **TC\_API\_14**

#### **Verify that automatic deletion of articles older than two months is functioning**

Unable to verify. The reason has already been explained above.

### **TC\_API\_15**

#### **Verify that reporting a brief is functional**

I can send a report on my brief, but I am not sure if it is accurate. Please check it.

### **TC\_API\_16**

#### **Verify social media sharing functionality**

The sharing function works properly. However, the number next to the sharing button increases even though I have not completed the sharing and just completed the operation. It seems to be a mistake.

## TC\_API\_17

### Verify RESTful API availability for mobile applications

I don't know how to do this. I don't think it's appropriate to use postman or other tools, since there is no information about the API and no app for this site. I'm sorry I couldn't do this test.

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## TC\_UX\_01

### Verify the website's user-friendliness and intuitiveness

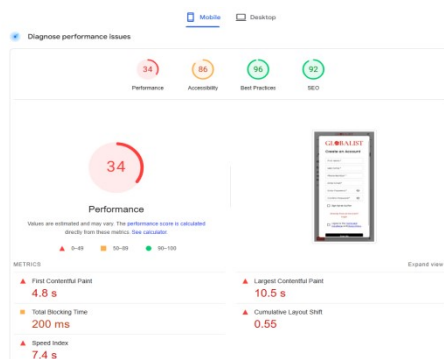
The main sections are laid out nicely and the navigation is easy to understand.

The search function works very well, and if there is a problem, it is a mistake in the filter function, which was already mentioned above.

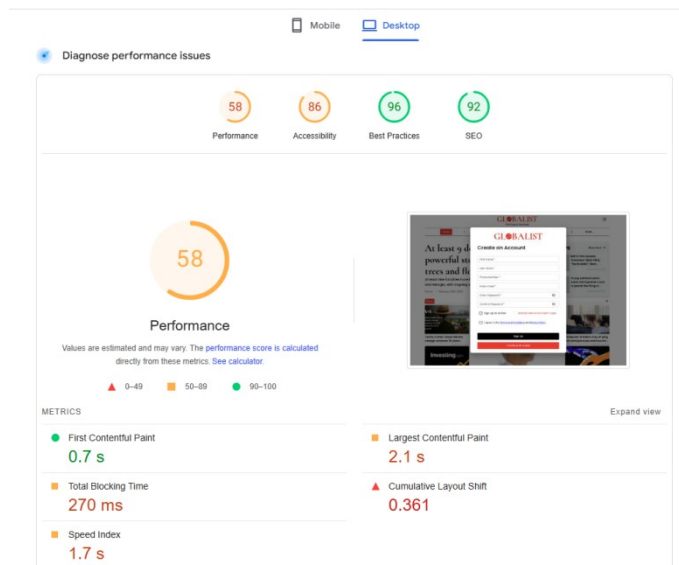
The responsiveness is very well implemented.

The overall font size is set to be very readable in proportion to the screen size.

Below is a performance evaluation of the page reading speed on mobile and browser.







I will omit the explanation for these images.

## TC\_UX\_02

### Verify accessibility compliance

From the image, the Accessibility Score is 86, which is good but not perfect.

- All interactive elements (buttons, links, forms) are accessible via the Tab key and have visible focus indicators.(good)
- All images have descriptive alt text for screen readers.(good)
- ARIA Attributes & Focus Issues(suggestion)

Settings

My Profile

My Briefs

Change Password

Subscriptions

**Briefs**

Search + Add Brief

600 x 400

```

Server Error
Error fetching news:
4 (FetchError) "request failed with status code 500", name: "FetchError", code: "ERR_BAD_RESPONSE", co
nfig: {url: "https://api.openweathermap.org/data/2.5/forecast?appid=...", method: "GET"}
Blocked aria-hidden on an element because its descendant retained focus. The focus must be:
not be hidden from assistive technology users. Avoid using aria-hidden on a focused element or its
ancestor. Consider using the inert attribute instead, which will also prevent focus. For more
details, see the aria-hidden section of the WAI-ARIA specification at
https://www.w3.org/TR/WAI-ARIA/#aria-hidden.
Element with focus: button
Ancestor with aria-hidden:

```

```
✖ Blocked aria-hidden on an element because its descendant retained focus. The focus must my-briefs:1 not be hidden from assistive technology users. Avoid using aria-hidden on a focused element or its ancestor. Consider using the inert attribute instead, which will also prevent focus. For more details, see the aria-hidden section of the WAI-ARIA specification at https://w3c.github.io/aria/#aria-hidden.  
Element with focus: button  
Ancestor with aria-hidden:  
▶ <div class="MuiContainer-root MuiContainer-maxWidthLg css-1qsxih2">...</div>
```

The error message from before (Blocked aria-hidden on an element because its descendant retained focus) indicates that some elements marked as `aria-hidden="true"` are still receiving focus.

## TC\_UX\_03

### **Verify system provides help documentation accessible from all pages**

Help and policies are loaded down from the About Us section in the footer of the site, so Help document can be loaded on every page. If there is a problem, it is that there are too many articles in the news and wars sections, so it is very difficult to find the footer section, so I think it is better to place the Help document download link in the header section.

## TC\_UX\_04

### **Verify responsive design adapts correctly on different screen sizes**

Already mentioned above. Good result.

## **TC\_UX\_05**

### **Verify user registration and login functionality**

- sign up test

empty field check success

Phone number must be exactly 10 digits.\*

email field check success

password do not match check success

Password must be at least 6 characters long.

signup success -> open dashboard page (login success)

Good result

-login test

Already mentioned above

Good result.

## **TC\_UX\_06**

### **Verify author profiles display correct information**

Already mentioned above

Good result.

## **TC\_UX\_07**

### **Verify commenting system functionality on articles**

The comment system works correctly (including empty validation).

## **TC\_UX\_08**

### **Verify article submission process for authors**

The article submission process works correctly (including empty validation).

## **TC\_UX\_09**

### **Verify admin dashboard displays analytics and metrics**

I can't check this. Because I don't have admin role. Sorry for this.

## **TC\_UX\_10**

### **Verify admins can manage user effectively**

I can't check this. Because I don't have admin role. Sorry for this.

## **TC\_UX\_11**

### **Verify content editing functionality**

Works properly(including empty validation)

Good result

## **TC\_UX\_12**

### **Verify system rejects invalid email during registration**

Confirmed that invalid emails are rejected! e.g.

[adrianpop@gmail.com](mailto:adrianpop@gmail.com)(non-existence email)

Good result

## **TC\_UX\_13**

### **Verify password strength Validation during registration**

There is no password strength test verification-e.g. my password (123456)

## **TC\_UX\_14**

### **Verify user can reset password**

User can't reset password via email. Something went wrong in this operation.

## **TC\_UX\_15**

### **Verify system allows authors to revise submitted articles before publication**

Already confirmed! Authors may make corrections to their articles prior to publication.

#### **TC\_UX\_16**

**Verify the system correctly handles comments containing inappropriate language**

I tried it and it was submitted even though I wrote the random word as a comment.

Bad result

#### **TC\_UX\_17**

**Verify admin can view, edit, and delete a user account**

I couldn't test it because I don't have admin role.

#### **TC\_UX\_18**

**Verify separation of user and editor roles**

I checked. I registered as a general user and an editor, but as a general user I was able to post briefs but not submit articles.

## **TC\_UX\_19**

### **Verify the ability to categorize articles**

The categories in the footer were not properly functional and could not be used for functional verification, but the categories in the filter were able to classify articles.

## **TC\_UX\_20**

### **Verify admin can schedule articles for future publication**

I couldn't test it because I don't have admin role.

## **TC\_UX\_21**

### **Verify the functionality of approving/rejecting user-submitted articles**

I couldn't test it because I don't have admin role.

## **TC\_UX\_22**

### **Verify admin can track article edits by users**

It may be possible. As an author, I revised my article again and I could see it's status is un-published.

## **TC\_UX\_23**

**Verity system provides help documentation accessible from all pages**

Already mentioned above.

## **TC\_UX\_24**

**Verify responsive design adapts correctly on different screen sizes**

Already mentioned above.

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## **TC\_PERF\_01**

**Measure page load time on various network speeds**

Already mentioned above

## **TC\_PERF\_02**

**Verify loading testing during peak traffic**

I tried to sign up for the loader.io site to complete an verification, but the site's user signup page was malfunctioning and I couldn't sign up.

Sorry for this task.

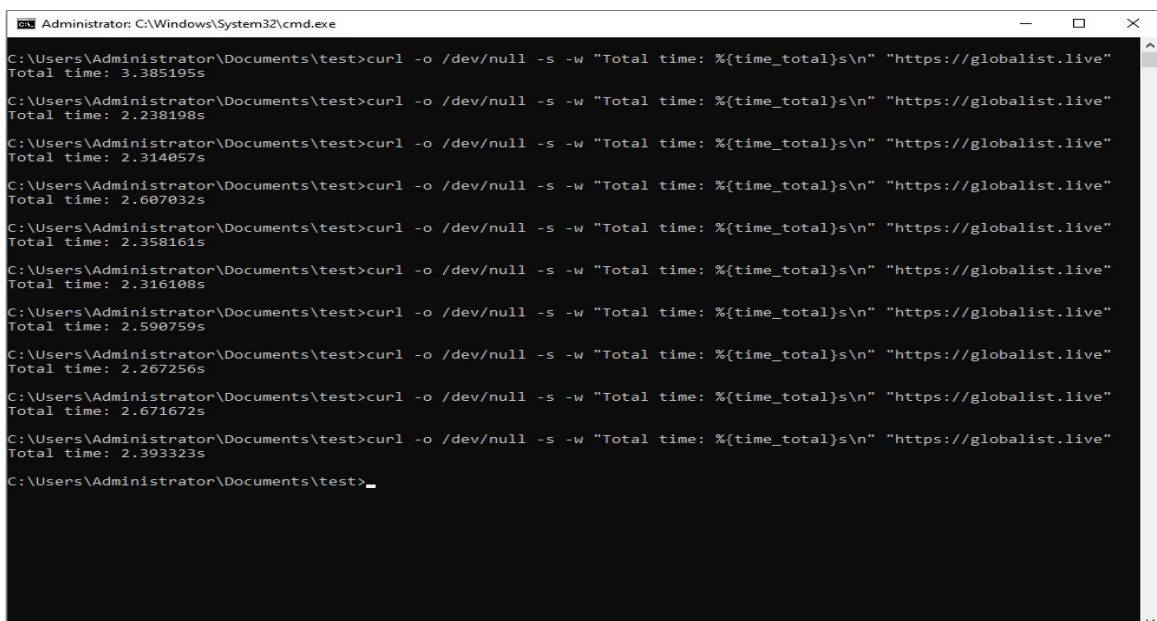


## TC\_PERF\_03

### Measure average response time for API calls

For this test, I performed 10 measurements and the results show that the average response time of this site is **2.51** seconds.

3.385195s, 2.238198s, 2.314057s, 2.607032s, 2.358161s, 2.316108s, 2.590759s,  
2.267256s, 2.671672s, 2.393323s

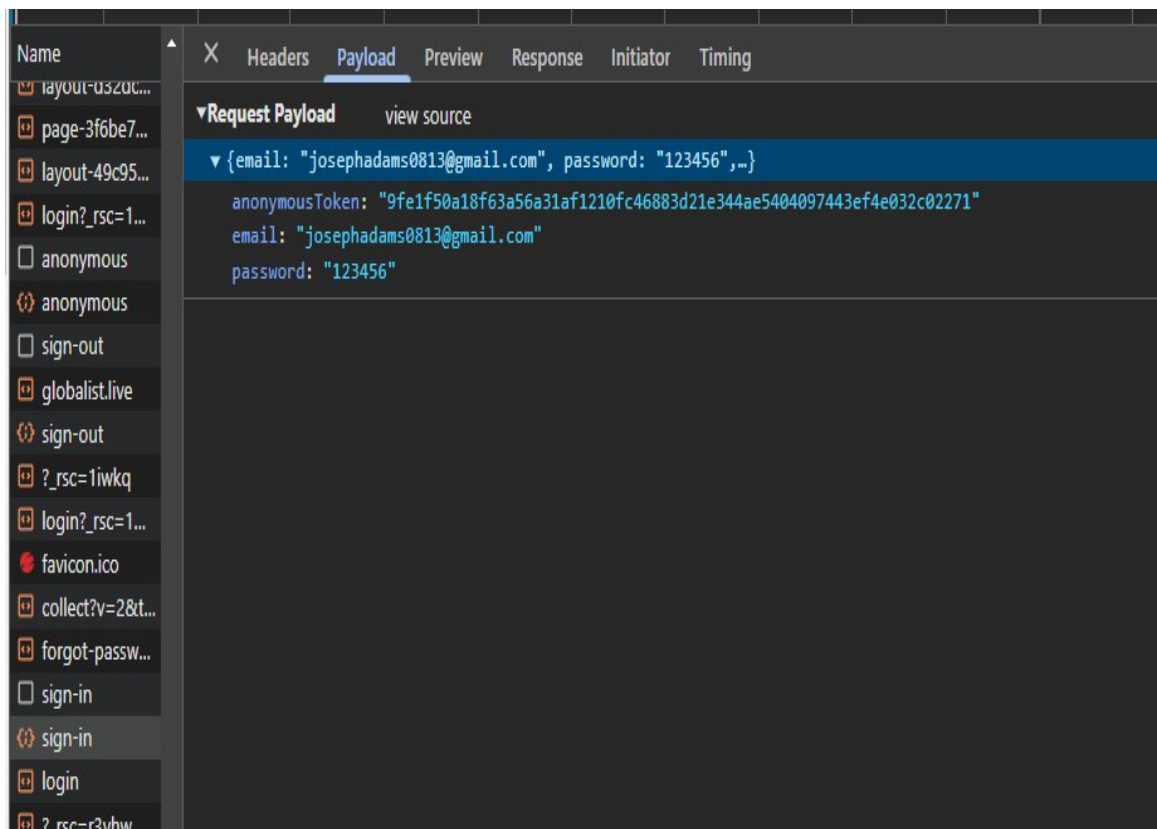


```
Administrator: C:\Windows\System32\cmd.exe
C:\Users\Administrator\Documents\test>curl -o /dev/null -s -w "Total time: %{time_total}s\n" "https://globalist.live"
Total time: 3.385195s
C:\Users\Administrator\Documents\test>curl -o /dev/null -s -w "Total time: %{time_total}s\n" "https://globalist.live"
Total time: 2.238198s
C:\Users\Administrator\Documents\test>curl -o /dev/null -s -w "Total time: %{time_total}s\n" "https://globalist.live"
Total time: 2.314057s
C:\Users\Administrator\Documents\test>curl -o /dev/null -s -w "Total time: %{time_total}s\n" "https://globalist.live"
Total time: 2.607032s
C:\Users\Administrator\Documents\test>curl -o /dev/null -s -w "Total time: %{time_total}s\n" "https://globalist.live"
Total time: 2.358161s
C:\Users\Administrator\Documents\test>curl -o /dev/null -s -w "Total time: %{time_total}s\n" "https://globalist.live"
Total time: 2.316108s
C:\Users\Administrator\Documents\test>curl -o /dev/null -s -w "Total time: %{time_total}s\n" "https://globalist.live"
Total time: 2.590759s
C:\Users\Administrator\Documents\test>curl -o /dev/null -s -w "Total time: %{time_total}s\n" "https://globalist.live"
Total time: 2.267256s
C:\Users\Administrator\Documents\test>curl -o /dev/null -s -w "Total time: %{time_total}s\n" "https://globalist.live"
Total time: 2.671672s
C:\Users\Administrator\Documents\test>curl -o /dev/null -s -w "Total time: %{time_total}s\n" "https://globalist.live"
Total time: 2.393323s
C:\Users\Administrator\Documents\test>
```

## TC\_SEC\_01

### Verify user data encryption during registration and login

When a user signs in or registers, the user authentication data is sent in the request without being hashed!!! (danger!!!)



## TC\_SEC\_02

### Verify secure authentication mechanisms

First of all, the site uses https for secure communication.

SSL Check:SSL Grade: "A" on All Servers

This is a very good rating, indicating strong SSL security.

No major SSL vulnerabilities (like weak ciphers, expired certificates, or outdated protocols) were detected. "globalist.live" has a strong SSL configuration.

[Scan Another >>](#)

	Server	Test time	Grade
1	<a href="#">18.238.192.93</a> server-18-238-192-93.sfo53.r.cloudfront.net Ready	Mon, 17 Feb 2025 18:38:10 UTC Duration: 62.324 sec	A
2	<a href="#">18.238.192.107</a> server-18-238-192-107.sfo53.r.cloudfront.net Ready	Mon, 17 Feb 2025 18:39:13 UTC Duration: 60.972 sec	A
3	<a href="#">18.238.192.57</a> server-18-238-192-57.sfo53.r.cloudfront.net Ready	Mon, 17 Feb 2025 18:40:14 UTC Duration: 68.435 sec	A
4	<a href="#">18.238.192.54</a> server-18-238-192-54.sfo53.r.cloudfront.net Ready	Mon, 17 Feb 2025 18:41:22 UTC Duration: 62.181 sec	A

SSL Report v2.3.1

Second, I don't know if the back-end uses "bcrypt" or "argon2" for encryption hashes.

Last, The cookie check result shows that the "Http Only" attribute exists. This means that cookie security is good.

Briefs	Manifest	N...	Val...	Do...	Path	Ex...	Size	HttpOnly	Secure	SameSite
	Service workers	@.	%7...	gl...	/	Se...	997	✓		
	Storage	_...	GA...	.gl...	/	20...	29			
	Storage	_...	GS...	.gl...	/	20...	51			

## TC\_SEC\_03

### Verify HTTPS is enforced across the website

HTTPS is applied to all pages of this site. I can see this when I call <http://globalist.live>, which automatically takes me to the enhanced security page.

## **TC\_SEC\_04**

### **Verify protection against SQL injection attacks**

I want to use the tool to check the safety, but I can't, because it's illegal. Sorry for that. However, you can do this test in a safe way as long as you have the copyright.

## **TC\_COMP\_01**

### **Verify compatibility with major web browsers**

Chrome:ok

Opera:ok

Firefox:footer categories part invisible

Microsoft Edge:ok

## **TC\_COMP\_02**

### **Verify mobile responsiveness**

Good result

## **TC\_COMP\_03**

### **Verify the website's font loads correctly across different devices**

I tested it on several browsers, and it is ok.

Good result

## TC\_COMP\_04

### Verify the website functions properly with different screen resolutions

From 800\*600px to 1920\*1200px, I tested this.

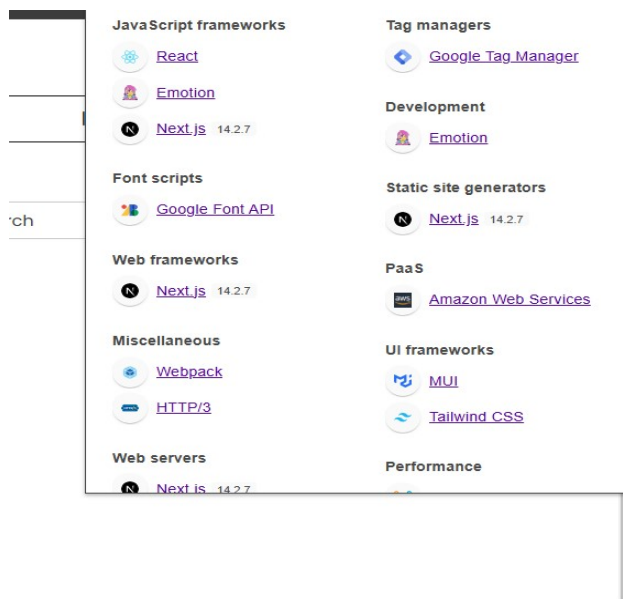
Good result.

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## TC\_ARCH\_01

### Verity the architecture follows MVC

I don't know if it will follow the MVC structure as I don't have access to the backend, but when I looked into the technology stack below, it seems likely that the API was written based on Next.js. Therefore, I think this product follows the MVC structure.



## TC\_ARCH\_02

### Verify SEO implementation

Meta tag analysis: The homepage includes a `<meta name="description">` tag with the content "The State of the World." This brief description may not fully capture the site's content, potentially limiting its effectiveness in search engine results

```
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta charset="utf-8">
<title>Globalist</title>
<meta name="description" content="The State of the World">
<link rel="icon" href="/favicon.ico" type="image/x-icon" sizes="272x268">
</head>
<body>
```

Url analysis: The site utilizes a clean and straightforward URL structure, which is beneficial for both user experience and SEO.

Mobile Responsiveness: The site appears to be mobile-friendly, which is a positive factor for SEO

Loading speed: this site loads relatively quickly, which is advantageous for user experience and SEO rankings.

Social Media Integration: The footer of this site has buttons that integrate with various social media, which is advantageous for SEO.

Alt Text for Images: Without accessing the source code, it's uncertain whether images on the site include descriptive alt text, which is important for SEO and accessibility.

Analytics and Tracking: Without access to the site's backend, it's impossible to determine if analytics tools are implemented to monitor and improve SEO performance.

## TC\_ARCH\_03

### Verify modularity of the application components within MVC

Without accessing the source code, I can't test this task.

## TC\_ARCH\_04

### Verify error handling in controllers

I don't know how the controller handles errors when the source code is inaccessible, but judging from the fact that a 404 page is displayed when a random link is called, it seems that basic error handling is done well on this site.



```
ole: 'anonymous', ...}
~ Login ~ user:
{firstName: 'Anonymous', lastName: 'person', email: 'anonymous@email.com', password: '$2b$10$1WhM...}
ole: 'anonymous', ...}
POST https://api.globalist.live/api/v1/auth/sign-in 422 (Unprocessable Entity)
~ Login ~ user:
{firstName: 'Anonymous', lastName: 'person', email: 'anonymous@email.com', password: '$2b$10$1WhM...}
ole: 'anonymous', ...}
```

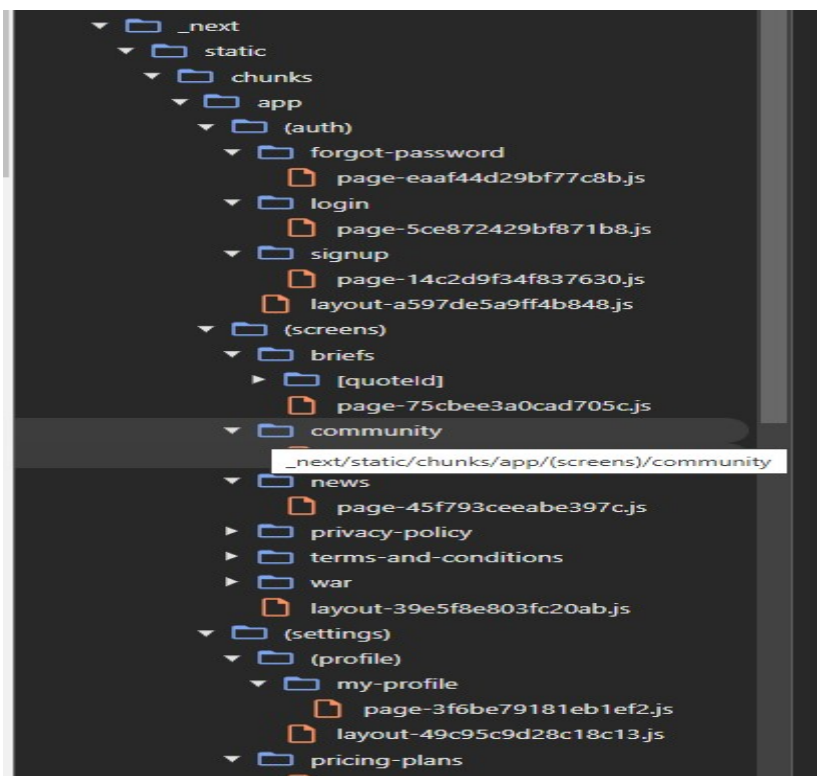
Also, judging from the fact that 400-level errors and 200-level status codes are displayed during the inspection process, it can be seen that error handling is very detailed. However, the fact that various front-end errors and get request errors still

appear in the console window shows that there are many areas that need to be fixed in this site.

**TC\_ARCH\_05**

## Verity routing functionality within next.js

From the very simple urls used in page navigation and the fact that each navigator uses the `<a href="">` tag, and from observing the network tab in the developer tools, it seems that when moving to different sections, not all files are reloaded but some are created or deleted, so I can conclude that this site uses the next.js router. This is the best result I can conclude from my analysis without accessing the source code.





---

## **TC\_DEPL\_01**

### **Verify that CI/CD processes are functioning correctly**

I have looked for ways to analyze the performance without access to the source code, but it is difficult to make an accurate evaluation. I didn't test this task. Sorry.

## **TC\_DEPL\_02**

### **Verify rollback process during failed deployments**

I have looked for ways to analyze the performance without access to the source code, but it is difficult to make an accurate evaluation. I didn't test this task. Sorry.

## **TC\_DEPL\_03**

### **Verify security and permission for deployment**

Verifying the security and permission configurations for deployment on a website like globalist.live would generally require access to the underlying infrastructure and codebase, including the deployment pipeline, server configurations, and access control mechanisms.

- But all I can confirm for this is that I can't find the source code for this site in open source repositories like GitHub.

- Also, since it uses a secure communication protocol as a communication protocol, it can be seen that it prevents third-party access during distribution.
- Also, judging from the fact that the permissions are managed by the author, general users, and admins, it can be assumed that strict security is in place during distribution.

#### **TC\_DEPL\_04**

##### **Verify environment configuration for production and staging**

It is difficult to judge this without access to the source code, but judging from the fact that multiple databases are being used simultaneously, it can be concluded that production and staging are being carried out separately.(just only guessing)

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#### **TC\_DB\_01**

##### **Validate the database schema for optimization**

This is a tough task for me without access to the source code.

#### **TC\_DB\_02**

##### **Verify the automatic deletion of old user data**

It is too hard for me without access to the source code.

### **TC\_DB\_03**

#### **Verify backup and restore functionality for the database**

It is too hard for me withuot access to the source code.

### **TC\_DB\_04**

#### **Verify foreign key constraints in the database**

It is too hard for me withuot access to the source code.