

0x01. Developer tools

ML CSS Frontend



Weight: 1

Projects(/projects/current)



Project over - took place from Jul 10, 2024 6:00 AM to Jul 11, 2024 6:00 AM



An auto-review will automatically make corrections(/to_review)



Evaluation quizzes(/dashboards/my_current_evaluation_quizzes)



Curriculums(/dashboards/my_curriculums)



Concepts(/concepts)



Conference rooms(/dashboards/video_rooms)

In this project, you will analyze this website <https://dev-tools.alx-tools.com/> (/rltoken/sJ-OqYvXD5iZZXmQly1VfA).



Servers(/servers)

Resources



Sandboxes(/user_containers/current)

Read or watch:



- Chrome DevTools | Tools for Web Developers | Google Developers

(/rltoken/dankkzrmpwv0pLSE2yp-g)

- Introduction | Down and Dirty with Chrome Developer Tools

(/rltoken/NMYYMg44e0dZ2eb5uR4iUQ)



- Video on demand(/dashboards/videos)

- Firefox Developer Tools | MDN (/rltoken/M7a66qWg4qxhKuNPRoJCw)

- Dev Tips - Developer Tips by Umar Hansa (/rltoken/rdGj_NA-X--rwekzt9bffQ)

- Get Started With Viewing And Changing CSS | Tools for Web Developers

(/rltoken/jvmzv58GJjKtSeACErHmWQ)



- Keeping track of the JavaScript console - LogRocket Blog

(/rltoken/UiqZ7pml5L7BMr3ZaG4Bow)

- Inspect Network Activity - Chrome DevTools 101 (/rltoken/I_IHgn0hsaB1kee6RgU1SQ)



Discord(<https://discord.com/app>)

Learning Objectives

At the end of this project, you are expected to be able to explain to anyone

(/rltoken/dwjk75rRXLFZx8MjuL1uww), **without the help of Google:**

My Profile(/users/my_profile)



General



- What Developer Tools in your browser are (/)
- How to open the Developer Tools on Chrome, Firefox, Safari, and Edge.
- How to use the elements tab to edit HTML and CSS
- How to edit a page according to the tips suggested by Lighthouse
- How to create and run snippets on a page
- How to get information about files and server configurations
- How to plan (planning/me)
- How to know how much JavaScript or CSS is used on a page
- How to detect 404 issues
- How to move elements on a webpage



Requirements

Can reviews can make(/corrections/to_review)

General

Evaluation quizzes(/dashboards/my_current_evaluation_quizzes)

- A README.md file, at the root of the folder of the project, is mandatory
- Use the newest version of Google Chrome browser (76.0.3904.70 or later).
- Screenshots can be taken via the OS, not necessary via the DevTools. These screenshots are used to see how dashboards you are doing (s)



Concepts(/concepts)

Tasks



Conference rooms(/dashboards/video_rooms)

0. Responsive device

mandatory



Servers(/servers)

Go to <https://dev-tools.alx-tools.com/>



Take a screenshot of the website using the device toolbar Choose iPhone X and show the size in your screenshot (selected device or size in pixel of the rendering)



Tools(/dashboards/my_tools)

Repo:



- GitHub repository: alx-frontend
- Video on demand(/dashboards/videos)
- Directory: 0x01-developer_tools
- File: 0-responsive_device.png



Peers(/users/peers)



Discord(<https://discord.com/app>)

1. Change the background color

mandatory

Go to <https://dev-tools.alx-tools.com/>

Change the background-color of the body to use #4233bd Take a screenshot of the PORTFOLIO section My Profile(/users/my_profile)



Repo:

(/)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- File: 1-change_bg_color.png



My Planning(/planning/me)

2. Force element state

mandatory



Projects(/projects/current)

Go to <https://dev-tools.alx-tools.com/>

Force the hover state of the "cake" block in the section Portfolio Take a screenshot of it
QA Reviews I can make(/corrections/to_review)

Repo:



Evaluation quizzes(/dashboards/my_current_evaluation_quizzes)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- File: 2-pathways_menu.png



Curriculums(/dashboards/my_curriculums)



Concepts(/concepts)

3. Copy all the styles of the button

mandatory



Conference rooms(/dashboards/video_rooms)

Go to <https://dev-tools.alx-tools.com/>



Select the Servers(/servers) and copy all the CSS styling that is applied on this button.

Your answer file must contain all CSS styling one per line like this example:



Sandboxes(/user_containers/current)

```
$ head -2 3-button_styles
border-radius: 1px;
```



```
color: #FF00FF;
Tools(/dashboards/my_tools)
$
```



Video on demand(/dashboards/videos)

Repo:

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- Peers(/users/peers)
- File: 3-button_styles



Discord(<https://discord.com/app>)

Check submission



4. Change button styles

my Profile(/users/my_profile)

mandatory

Go to <https://dev-tools.alx-tools.com/>



- All primary buttons (btn-primary) should have the #0080ee color as a background color (/)
- All outlined buttons light (btn-outline-light) should have #0020aa for the text color
- Screenshot all buttons that changed and merge it to one image



Home(/)

Repo:



- My Planning(/planning/me)
- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- File: 4-new-buttons.png



Projects(/projects/current)



QA Reviews I can make(/corrections/to_review)

5. Remove part of the website

mandatory



Go to https://dev-tools.alx-tools.com/evaluation/quizzes/dashboards/my_current_evaluation_quizzes

Remove the div of the "cake" box in the section Portfolio

Take a screenshot of it



Curriculumums(/dashboards/my_curriculumums)

Repo:



- Concepts(/concepts)
- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools



- File: 5-deleted-elements.png

Conference rooms(/dashboards/video_rooms)



Servers(/servers)



6. Where is it coming from?

mandatory



Go to https://dev-tools.alx-tools.com/tools/dashboards/my_tools

- On the right panel, click on the Computed tab
- Then, select the h2 with the text ABOUT
- Search for margin-bottom



Video on demand(/dashboards/videos)

Which file is coming from that declaration?



Peers(/users/peers)

Repo:



- GitHub repository: alx-frontend
- Discord(<https://discord.com/app>)
- Directory: 0x01-developer_tools
- File: 6-declaration_file



Check submission

My Profile(/users/my_profile)

7. How many listeners

mandatory



Go to <https://dev-tools.alx-tools.com/>



How many times click events are referenced in JavaScript files?
Home(/)



Repo: My Planning(/planning/me)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- Projects(/projects/current)
- File: 7-number_of_listeners



QA Reviews I can make(/corrections/to_review)
Check submission



Evaluation quizzes(/dashboards/my_current_evaluation_quizzes)

8. What is the HSL code

mandatory



Curriculums(/dashboards/my_curriculums)
Go to <https://dev-tools.alx-tools.com/>

Select the primary button "Send"



Concepts(/concepts)

What is the equivalent value of the hexadecimal background-color, in HSL?

(format of your answer should be: `hsl(<VALUES>);`, example: `hsl(241, 23%, 24%);` following by a



Conference rooms(/dashboards/video_rooms)
new line)



Repo: Servers(/servers)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- Projects(/projects/current)
- File: 8-hsl



Tools(/dashboards/my_tools)

Check submission



Video on demand(/dashboards/videos)

9. The max-width of the container

mandatory



Peers(/users/peers)

Go to <https://dev-tools.alx-tools.com/>



What is the max-width for the first container in the section "About"? (your browser width must be between 1250px and 1440px and with a zoom at 100%)
Discord(<https://discord.com/app>)

(format of your answer should be `max-width: <VALUE>;`, example: `max-width: 670px`)



Repo:

My Profile(/users/my_profile)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- File: 9-max_width



Home(/)

Check submission



10. Moving around

My Planning(/planning/me)

mandatory



Go to <https://dev-tools.alx-tools.com/>

Projects(/projects/current)

Switch the section "About" and "Portfolio"



Take a screenshot of it

QA Reviews I can make(/corrections/to_review)



Repo:

Evaluation quizzes(/dashboards/my_current_evaluation_quizzes)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- File: 10-moved_around.png



Curriculums(/dashboards/my_curriculums)



Concepts(/concepts)



11. Coverage

Conference rooms(/dashboards/video_rooms)

mandatory

Go to <https://dev-tools.alx-tools.com/>



Servers(/servers)

How many bytes that Freelancer.css covers?

Answer file must contain the value in Byte (example: 6144 for 6KB)



Sandboxes(/user_containers/current)



Repo:

Tools(/dashboards/my_tools)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools



Video coverage(/dashboards/videos)

Check submission



Peers(/users/peers)



Discord(<https://discord.com/app>)

12. Emulate the print version of the webpage

mandatory

Go to <https://dev-tools.alx-tools.com/>

Take a screenshot of the homepage, only emulation the CSS print version of the website.

My Profile(/users/my_profile)

Repo:



- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- File: 12-print_version.png



Home(/)



3. Using the console

mandatory



Go to <https://dev-tools.alx-tools.com/>
Projects(/projects/current)

Select the Avatar image in the header and type \$0 in the console. Enter.



What does QA Review? I can make(/corrections/to_review)



Repo: Evaluation quizzes(/dashboards/my_current_evaluation_quizzes)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- File: 13-logo_dollar0



Curriculums(/dashboards/my_curriculums)



Check submission

Concepts(/concepts)



Conference rooms(/dashboards/video_rooms)

14. Write code in the console

mandatory



Servers(/servers)

Go to <https://dev-tools.alx-tools.com/>



Write in the console, `console.log(document.title)`, what is returned?
Sandboxes(/user_containers/current)



Repo: Tools(/dashboards/my_tools)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- File: 14-doc_title



Video on demand(/dashboards/videos)



Check submission

Peers(/users/peers)



Discord(<https://discord.com/app>)

15. Web framework

mandatory

Go to <https://dev-tools.alx-tools.com/>

Which front-end framework could we guess this page is using?


My Profile(/users/my_profile)

In your answer file only put the letter of the multiple choice answer from below:

- A. React JS
- B. Material Design
- C. Bootstrap
- D. Angular JS

 Home(/)

Repo:

- GitHub repository: alx-frontend
 - Directory: 0x01-developer_tools
 - File: 15-hbtn_framework
-  Projects(/projects/current)

Check submission

✓ QA Reviews I can make(/corrections/to_review)

16. Homepage weight

mandatory

? Evaluation quizzes(/dashboards/my_current_evaluation_quizzes)
Go to <https://dev-tools.alx-tools.com/>

What is the total weight of the page (with all the elements)?

 Take a screenshot of it
Curriculums(/dashboards/my_curriculums)

Repo:

- Concepts(/concepts)
- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- Conference rooms(/dashboards/video_rooms)
- File: 16-weight.png

 Servers(/servers)

> Sandboxes(/user_containers/current)

17. Number of requests


mandatory

 Go to <https://dev-tools.alx-tools.com/>

What is the number of requests done when accessing this page?

 Video on demand(/dashboards/videos)
Take a screenshot of it

Repo:

- Peers(/users/peers)
 - GitHub repository: alx-frontend
 - Directory: 0x01-developer_tools
 - File: 17-requests.png
-  Discord(<https://discord.com/app>)



My Profile(/users/my_profile)

18. Number of CSS files

mandatory



Go to <https://dev-tools.alx-tools.com/>



How many CSS resources are loaded on this page?
Home(/)



Repo:

My Planning(/planning/me)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- Projects(/projects/current)
- File: 18-css_loaded



Check submission

QA Reviews I can make(/corrections/to_review)



19. Number of images

mandatory

Evaluation quizzes(/dashboards/my_current_evaluation_quizzes)

Go to <https://dev-tools.alx-tools.com/>



How many image resources are loaded on this page?
Curriculums(/dashboards/my_curriculums)



Repo:

Concepts(/concepts)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- Conference rooms(/dashboards/video_rooms)
- File: 19-images_loaded



Check submission

Servers(/servers)



Sandboxes(/user_containers/current)



20. Favicon image type

mandatory

Tools(/dashboards/my_tools)

Go to <https://dev-tools.alx-tools.com/>



Video on demand(/dashboards/videos)

What is the type value of the favicon image?



Repo:

Peers(/users/peers)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- File: 20-favicon_type



Discord(<https://discord.com/app>)

Check submission



My Profile(/users/my_profile)

21. Font library

mandatory



Go to <https://dev-tools.alx-tools.com/>



The website uses a font library for their icons, which one is it?
Home(/)



Repo:

My Planning(/planning/me)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- Projects(/projects/current)
- File: 21-font_font_tlb



Check submission

QA Reviews I can make(/corrections/to_review)

22. XHR calls

mandatory

Evaluation quizzes(/dashboards/my_current_evaluation_quizzes)

Go to <https://dev-tools.alx-tools.com/>



What is the name of the resource that generates 1 XHR calls?
Curriculums(/dashboards/my_curriculums)



Repo:

Concepts(/concepts)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- Conference rooms(/dashboards/video_rooms)
- File: 22-xhr_calls



Check submission

Servers(/servers)



Sandboxes(/user_containers/current)

23. Audits panel

mandatory



Tools(/dashboards/my_tools)

Go to <https://dev-tools.alx-tools.com/>



Video on demand(/dashboards/videos)

What is the notation for Performance (for desktop mode and no throttling - also called Lighthouse)?

Take a screenshot of it



Repo:

Peers(/users/peers)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- File: 23-performance_audit.png



Discord(<https://discord.com/app>)



My Profile(/users/my_profile)

24. Static assets

mandatory

Go to <https://dev-tools.alx-tools.com/>



How many static assets need a better cache policy?
Home(/)

Take a screenshot of it



My Planning(/planning/me)

Repo:



- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- File: 24-static_assets_audit.png



QA Reviews I can make(/corrections/to_review)

25. Accessibility

mandatory

Evaluation quizzes(/dashboards/my_current_evaluation_quizzes)

Go to <https://dev-tools.alx-tools.com/>



When you run an accessibility audit, what is the contrast issue?
Curriculums(/dashboards/my_curriculums)

In your answer file only put the letter of the multiple choice answer from below:



- A. Image elements do not have [alt] attributes
- B. Links do not have a discernible name
- C. Background and foreground colors do not have a sufficient contrast ratio.



Conference rooms(/dashboards/video_rooms)

Repo:



- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools



- File: 25-contrast_issue

Sandboxes(/user_containers/current)



Check submission

Tools(/dashboards/my_tools)



Video on demand(/dashboards/videos)

26. No alt

mandatory



Go to <https://dev-tools.alx-tools.com/>
Peers(/users/peers)

Which classes are on the images that have no alt attribute?



Your answer file must contains all classes, example: .my_class.my_second if 2 classes
Discord(<https://discord.com/app>)

Repo:

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools

My Profile(/users/my_profile)



- File: 26-no_alt



(/)

Check submission



Home(/)

27. Best practices

mandatory



Go to <https://dev-tools.alx-tools.com/>

My Planning(/planning/me)

Which attribute is missing on all the links with the target _blank ?



In your answer, only put the letter of the multiple choice answer from below:

- A. rel="noopener"
- ✓ - B. ☒ rel="no-referrer"
- C. A and B
- D. rel = "nofollow"



Evaluation quizzes(/dashboards/my_current_evaluation_quizzes)

Repo:



- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- File: 27-missing_attr



Concepts(/concepts)

Check submission



Conference rooms(/dashboards/video_rooms)



Servers(/servers)

28. SEO

mandatory



Go to <https://dev-tools.alx-tools.com/>

Sandboxes(/user_content/sandbox)

Which <a> links don't have enough text description?



Take a screenshot of it

Tools(/dashboards/my_tools)



Repo: Video on demand(/dashboards/videos)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools



- File: 28_unclear_desc.png

Peers(/users/peers)



Discord(<https://discord.com/app>)



29. Sources




mandatory

Go to <https://dev-tools.alx-tools.com/>


My Profile(/users/my_profile)

The sources panel allow you to edit files, add breakpoints to analyse your JavaScript code and create snippets.


 (/) Create a new snippet called `allcolors.js`


- Copy-paste the code on that page (`/rltoken/OT7WVbPhXDu_o9oL54pQ9g`)
- Run the code
- Take a screenshot of the result in your console

 My Planning(`/planning/me`)

Repo:



- GitHub repository: `alx-frontend`
- Projects(`/projects/current`)
- Directory: `0x01-developer_tools`
- File: `29-how_many_colors.png`


 QA Reviews I can make(`/corrections/to_review`)


30. Block CSS files

Evaluation quizzes(`/dashboards/my_current_evaluation_quizzes`)


mandatory

Go to `https://dev-tools.alx-tools.com/`

 Block all CSS requests
Curriculums(`/dashboards/my_curriculums`)
Take a screenshot of it

 Concepts(`/concepts`)

Repo:




- GitHub repository: `alx-frontend`
- Conference rooms(`/dashboards/video_rooms`)
- Directory: `0x01-developer_tools`
- File: `30-no_css.png`

 Servers(`/servers`)


 Sandboxes(`/user_containers/current`)

31. Application panel


mandatory

 Tools(`/dashboards/my_tools`)


Go to `https://dev-tools.alx-tools.com/`

 The application panel gives you access to the storage (cookies, sessions, cache...) and some other options as Services Workers and more recently, notifications.

What is the only key present in the session storage for this page?

 Peers(`/users/peers`)

Repo:



- GitHub repository: `alx-frontend`
- Directory: `0x01-developer_tools`
- File: `31-session_storage_key`



Check submission

My Profile(`/users/my_profile`)

32. Service workers

mandatory

Go to <https://dev-tools.alx-tools.com/>

Does this page have any service workers? Yes or No



Repo:

My Planning(/planning/me)

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- Projects(/projects/current)
- File: 32-service_workers



QA Reviews I can make(/corrections/to_review)



Evaluation quizzes(/dashboards/my_current_evaluation_quizzes)

33. Security

mandatory



Curriculums(/dashboards/my_curriculums)

The security panel allows you to make sure HTTPS is properly implement on a webpage.



Concepts(/concepts)

Which organization issued the SSL certificate for this page?



Repo:

Conference rooms(/dashboards/video_rooms)



- GitHub repository: alx-frontend
- Servers(/servers)
- Directory: 0x01-developer_tools
- File: 33-ssl_cert



Sandboxes(/user_containers/current)

Check submission



Tools(/dashboards/my_tools)



Video on demand(/dashboards/videos)

34. Expiration date

mandatory

Go to <https://dev-tools.alx-tools.com/>



Peers(/users/peers)

Take a screenshot of it



Discord(<https://discord.com/app>)

Repo:

- GitHub repository: alx-frontend
- Directory: 0x01-developer_tools
- File: 34-ssl/expiration.png





(/)



Home(/)



My Planning(/planning/me)



Projects(/projects/current)



QA Reviews I can make(/corrections/to_review)



Evaluation quizzes(/dashboards/my_current_evaluation_quizzes)



Curriculums(/dashboards/my_curriculums)



Concepts(/concepts)



Conference rooms(/dashboards/video_rooms)



Servers(/servers)



Sandboxes(/user_containers/current)



Tools(/dashboards/my_tools)



Video on demand(/dashboards/videos)



Peers(/users/peers)



Discord(<https://discord.com/app>)



My Profile(/users/my_profile)

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