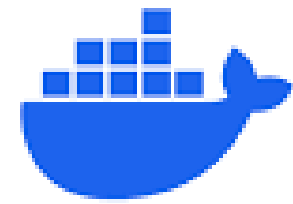


PROJET THEMATIQUE

Fortainer



Réalisé par: DOUEIB Mouad, LAAROUJA Chorouq

→ **Encadré par:** HAROLD Trannois



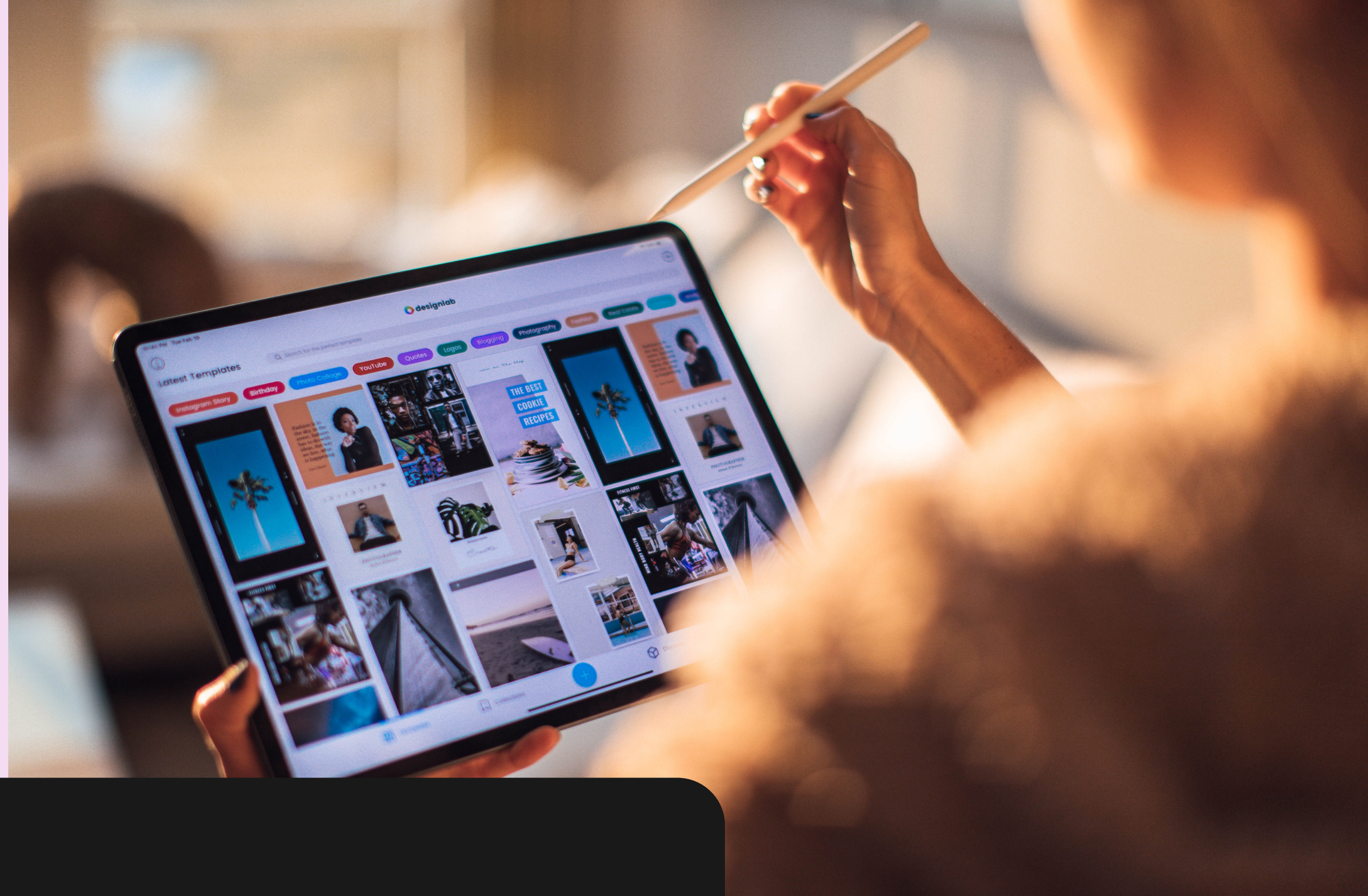


Points à discuter

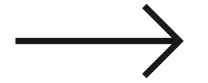
Points clés à retenir :

- Présentation de sujet
- Présentation de l'architecture back-end
- Présentation de la partie front-end

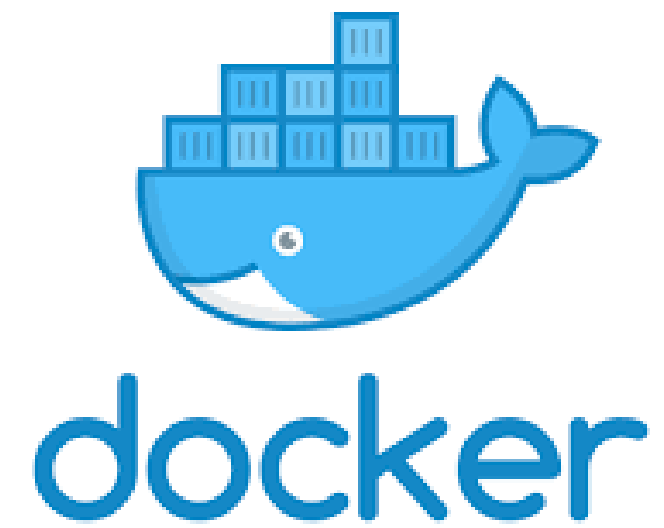


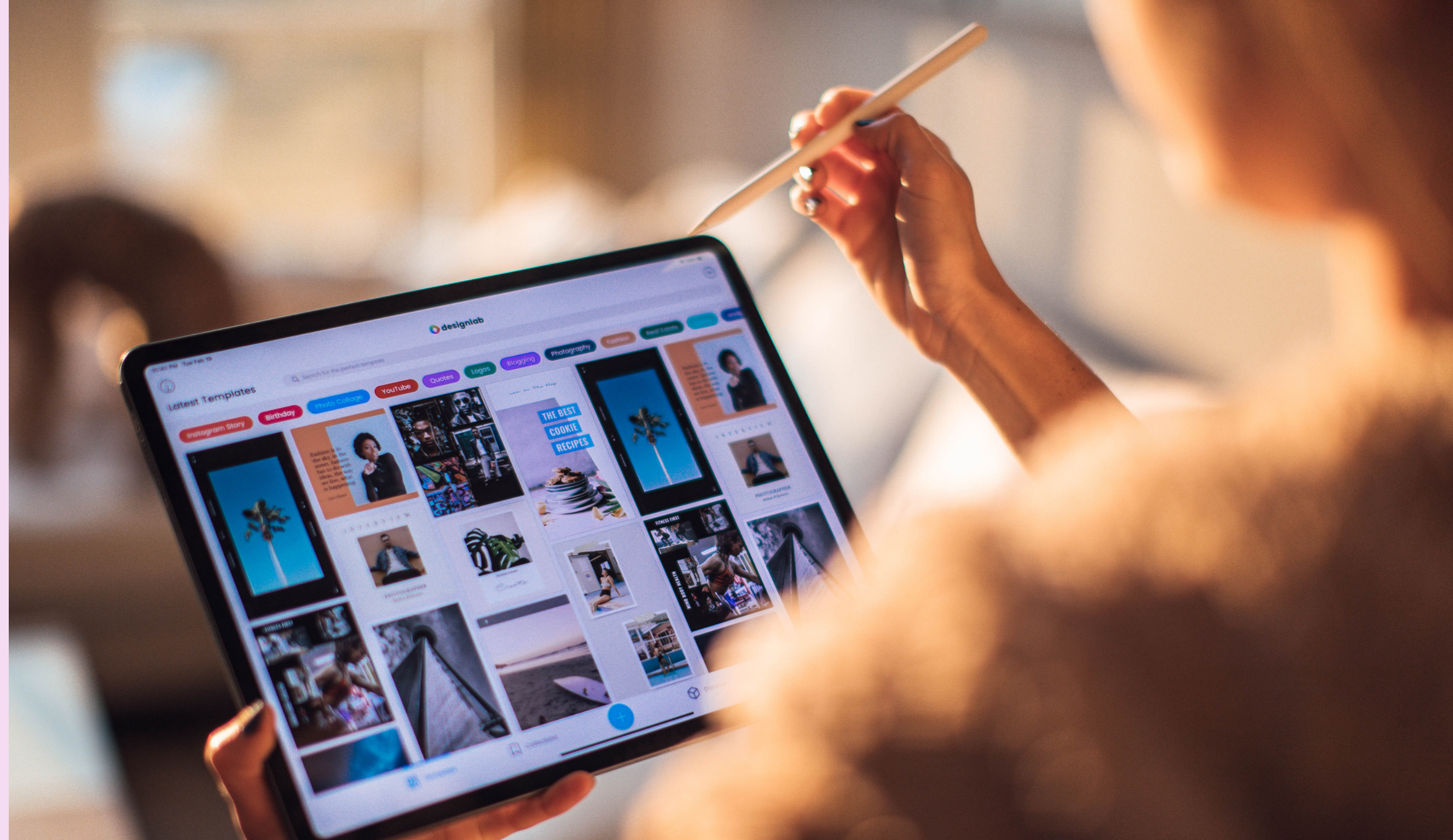


PRÉSENTATION DE SUJET

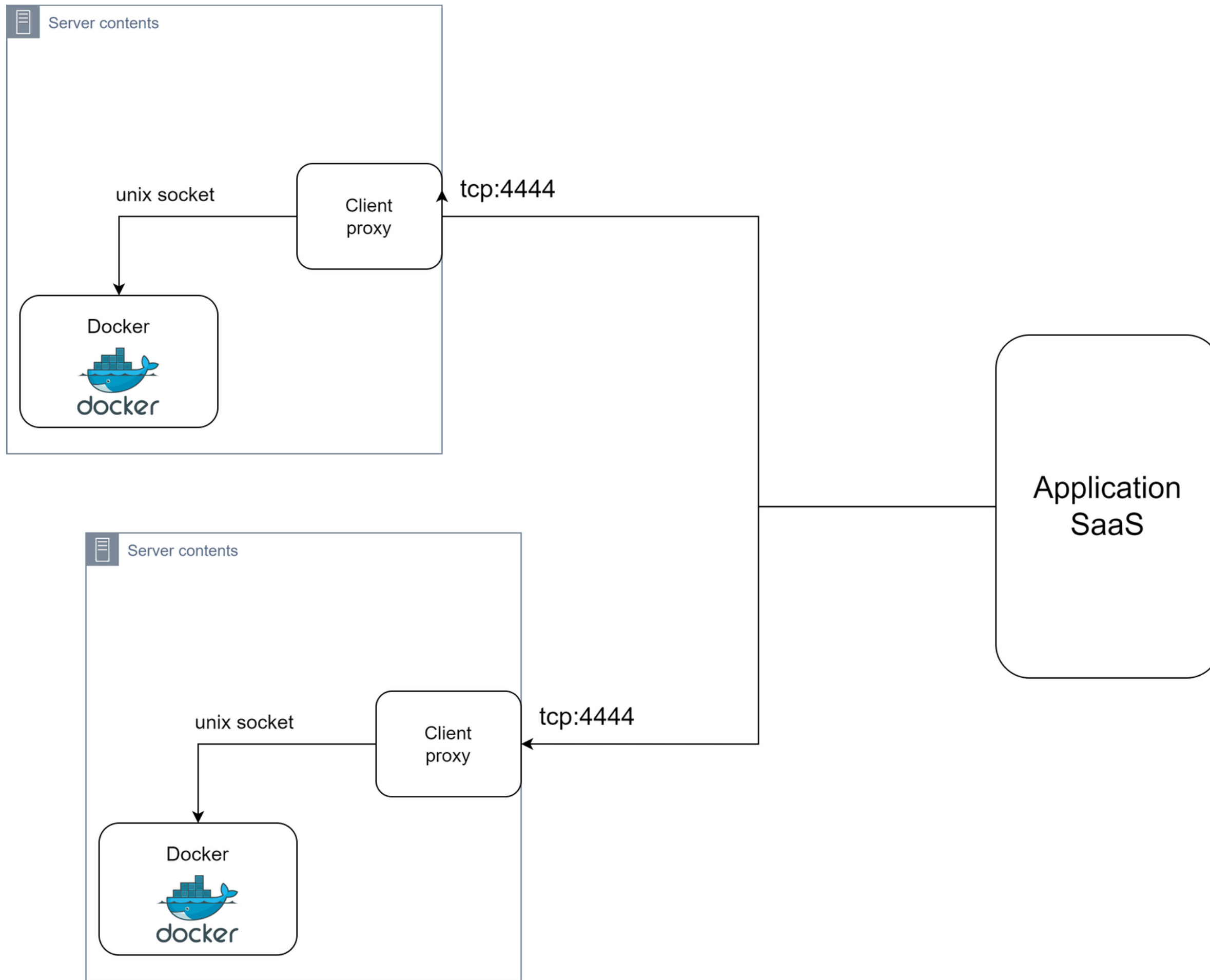


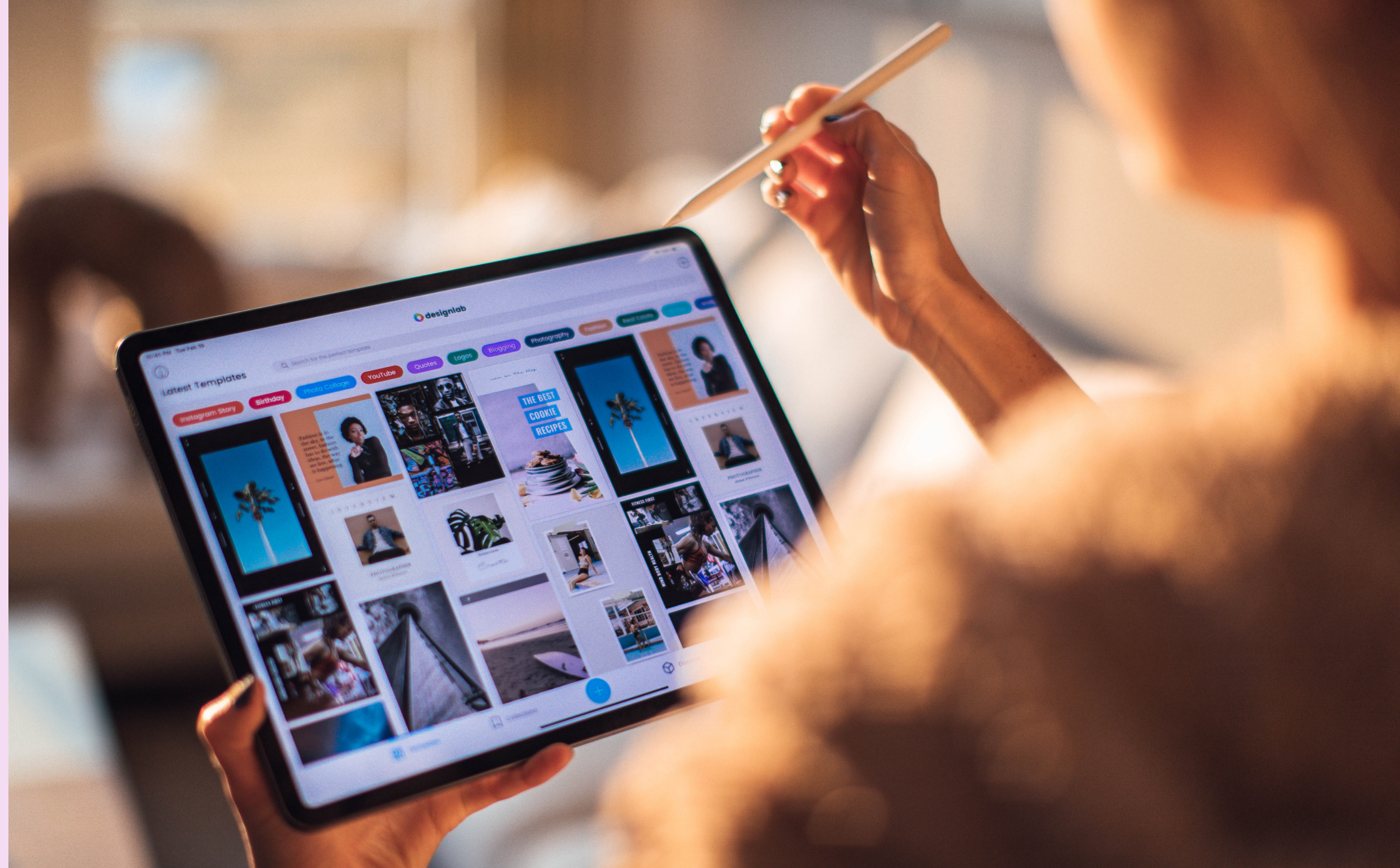
PRESENTATION DE SUJET





PRESENTATION DE L'ARCHITECTURE





PRESENTATION D'AVANCEMENT [LAAROUJA Chorouq]



```
// Function to make Docker API requests
async function makeDockerRequest(apiPath, options = {}) {
  try {
    const unixSocketPath = '/var/run/docker.sock';

    // Define default options
    const defaultOptions = {
      socketPath: unixSocketPath,
      method: 'get',
    };

    // Merge default options with user-provided options
    const requestOptions = { ...defaultOptions, ...options };
    // Set the complete API URL
    requestOptions.url = `http:${apiPath}`;

    // Make the request using Axios
    const response = await axios(requestOptions);
    return response.data;
  } catch (error) {
    // Throw any errors that occur during the request
    throw error;
  }
}
```

Code 55% faster with GitHub Copilot

images x readme.md Preview readme.md get_containers.png U

Fortainer / images Save View Documentation No Environment

POST http://localhost:3000/containers Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Code Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```
1 {
2   "name": "new-container",
3   "repoTag": "nginx:1-alpine"
4 }
5
```

Body Cookies Headers (7) Test Results Status: 200 OK Time: 719 ms Size: 322 B

Pretty Raw Preview JSON

```
1 {
2   "Id": "aeb4a8753d9f412cbea7f721419678f1ad7d32e453aaed5acc5e98260a7a8d84",
3   "Warnings": []
4 }
```



```
1 # Script d'installation pour l'application Fortainer
2
3 # 1. Installation de Node.js
4 echo "Installation de Node.js..."
5 curl -sL https://deb.nodesource.com/setup_14.x | sudo -E bash -
6 sudo apt-get install -y nodejs
7 echo "Node.js installé avec succès."
8
9 # 2. Génération de la clé pour l'application
10 echo "Génération de la clé pour l'application..."
11 openssl genrsa -out app.key 2048
12 echo "Clé générée avec succès."
13
14 # 3. Installation de Docker (si Docker n'est pas déjà installé)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL TEST RESULTS PORTS POSTMAN CONSOLE

Node.js 14.x is no longer actively supported!

You will not receive security or critical stability updates for this version.

You should migrate to a supported version of Node.js as soon as possible. Use the installation script that corresponds to the version of Node.js you wish to install. e.g.

- * https://deb.nodesource.com/setup_16.x – Node.js 16 "Gallium"
- * https://deb.nodesource.com/setup_18.x – Node.js 18 LTS "Hydrogen" (recommended)
- * https://deb.nodesource.com/setup_19.x – Node.js 19 "Nineteen"
- * https://deb.nodesource.com/setup_20.x – Node.js 20 "Iron" (current)

Please see <https://github.com/nodejs/Release> for details about which version may be appropriate for you.

The NodeSource Node.js distributions repository contains information both about supported versions of Node.js and supported Linux distributions. To learn more about usage, see the repository: <https://github.com/nodesource/distributions>

Continuing in 20 seconds ...

SCRIPT DEPRECATION WARNING

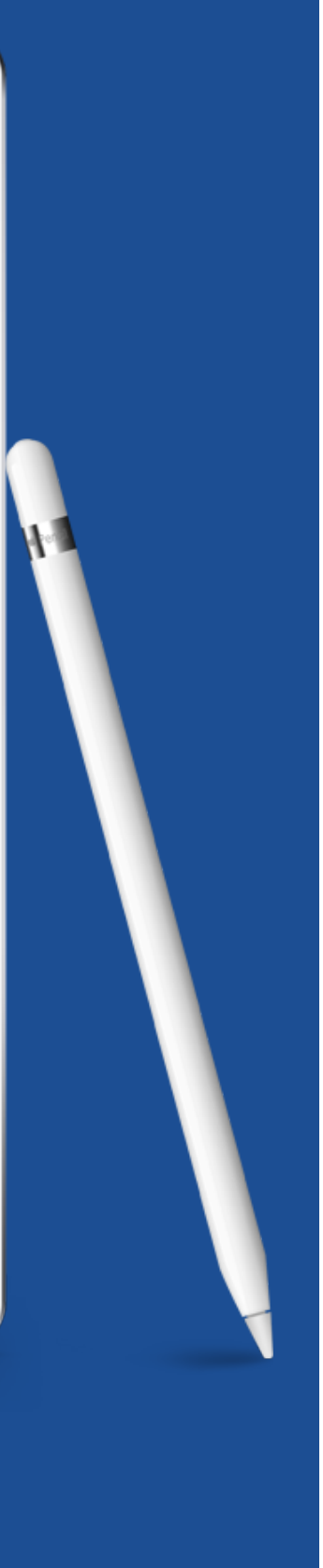
This script, located at https://deb.nodesource.com/setup_X, used to install Node.js is deprecated now and will eventually be made inactive.

AUTOMATISATION DES TESTS



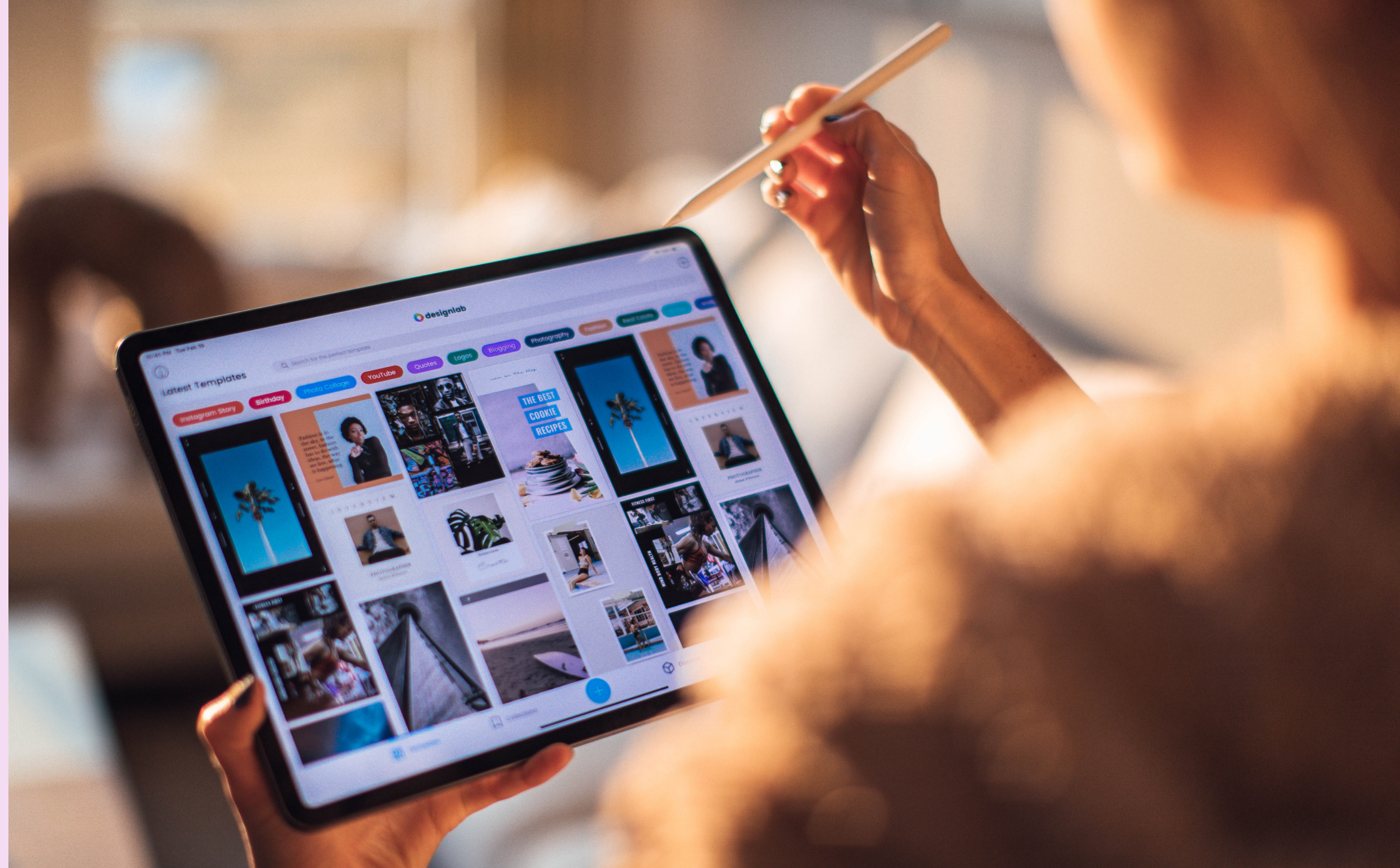
The screenshot shows the SonarCloud interface for a project named 'fortainer-backend'. The left sidebar contains navigation options: Overview, Main Branch, Pull Requests (0), and Branches (1). The main content area displays the project name 'fortainer-backend' with a green quality gate status 'Passed'. Below this, there are four charts: 'Main Branch Status' (Passed), 'Main Branch Evolution since 8 days ago' (22 Findings), 'Bugs' (1), 'Code Smells' (18), 'Vulnerabilities' (0), and 'Security Hotspots' (3). A 'Latest Activity' section at the bottom shows a 'NEW ANALYSIS' for the 'Main Branch' with a 'Passed' status.

AUTOMATISATION DES TESTS



GitHub Actions interface for repository 'chorou / fortainer-backend'. The left sidebar shows 'Actions' with a 'New workflow' button and categories: 'All workflows', 'Build', 'Node.js CI', 'Management', 'Caches', and 'Runners'. The main area displays 'All workflows' with a search bar and a table of 15 workflow runs.

Workflow Run	Event	Status	Branch	Actor
Architecture screen (Node.js CI #12)	Commit	Success	main	chorou
Architecture screen (Build #5)	Build	Success	main	chorou
add screen (Node.js CI #11)	Commit	Success	main	chorou
add screen (Build #4)	Build	Success	main	chorou
Add installation script and architecture in readme (Node.js CI #10)	Commit	Success	main	chorou
Add installation script and architecture in readme (Build #3)	Build	Success	main	chorou
updates (Build #2)	Build	Success	main	chorou
updates (Node.js CI #9)	Commit	Success	main	chorou
Update node.js.yml (Node.js CI #8)	Commit	Success	main	chorou
Update node.js.yml	Commit	Failure	main	chorou




PRESENTATION D'AVANCEMENT [DOUEIB Mouad]

AUTHENTICATION

Welcome back

Log in to your account

 Continue with GitHub

or

Email

Email

Password

[Forgot your password?](#)

Password



Sign in

By clicking Sign in, you agree to our [Terms and Conditions](#) and [Privacy Statement](#)

Don't have an account? [Create a free account](#)

Get started

Create a new account

 Continue with GitHub

or

Name

Your name

Node

Node Name

Email

example@boxyhq.com

Password

Password



Create Account

By clicking Create Account, you agree to our [Terms and Conditions](#) and [Privacy Statement](#)

Already have an account? [Sign in](#)

test555 

 Containers


 Images

 Volumes

 Settings

Docker Container List

NAMES	IMAGE	CREATED	PORTS	STATE	LAST STARTED	ACTIONS
/prisma	postgres	Mon Jan 08 2024	5432:5432	running	Up Less than a second	Start Stop

test555 

 Containers

 Images

 Volumes

 Settings

test555

Settings Members Audit Logs

Node Settings

Node settings and configuration.

Node Name

test555

Node IP

10.3.134.134

Domain


*****Ad4

Save Changes

Remove Node

Deleting the node will delete all resources and data associated with the node forever. This action cannot be undone.

Remove Node

test555 

 Containers


 Images


 Volumes

 Settings

Docker Container List

NAMES	IMAGE	CREATED	PORTS	STATE	LAST STARTED	ACTIONS
/prisma	postgres	Mon Jan 08 2024	5432:5432	running	Up Less than a second	Start Stop

Mouad 

 All Nodes





 Account


 Security

All Nodes

Create Node

Your nodes are listed here.

NAME	MEMBERS	CREATED AT	ACTIONS
 test555	1	Mon Jan 08 2024	Leave Node
 test2	1	Mon Jan 08 2024	Leave Node
 test	1	Mon Jan 08 2024	Leave Node
 testdtd	1	Mon Jan 08 2024	Leave Node

Mouad 

 All Nodes

 Account

 Security

Name

This is how your name will appear in the interface.

Mouad

Save Changes

Email Address

The email address you use to sign in to your account.

douieb.mouad@gmail.com

Save Changes

Avatar

Click on the avatar to upload a custom one from your files.
Accepted file types: .png, .jpg. Max file size: 2MB.



Save Changes

MERCI POUR VOTRE ATTENTION

