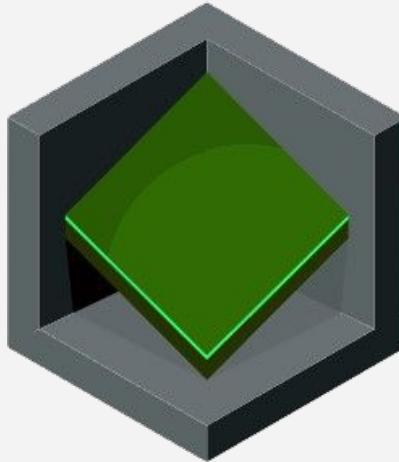


# Cooloc

Votre gestionnaire de colocations  
CDA 2024 - 2025



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### II. Présentation de l'entreprise

- a. Qu'est ce que la CPAM
- b. Organigramme
- c. Mes missions

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- b. Problématique
- c. Objectifs
- d. Public cible

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- b. Gestion & planning des tâches
- c. Outils

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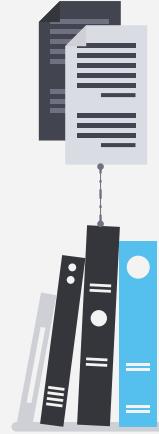
## X. DevOps

- a. Conteneurisation
- b. Tests et validations
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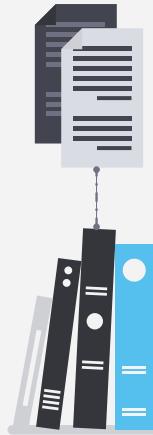
- a. Contrôle des champs
- b. Tokens

## XII. Conclusion



# I. Introduction

# I. Introduction - Qui suis-je



Data Engineer (stage) 

LCL - Villejuif 94800

Concepteur Développeur (alternance) 

CPAM du Val-de-Marne - Créteil 94000

2023

2024

2024

2025

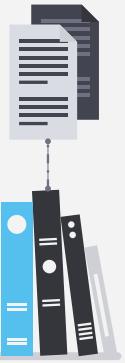
DevOps (stage) 

Société Générale - Fontenay-sous-bois  
94120

Data Engineer (alternance) 

Crédit Agricole Assurances - Paris 75015 - À venir





# I. Introduction - Parcours scolaire



Lycée Alexandre Dumas

2019 - 2022

Baccalauréat général  
Physique-Chimie & NSI



eFrei Paris



eFrei Paris

2025 - 2027 (à venir)

Mastère  
Data Engineering & IA



## **II. Présentation de l'entreprise**

# II. Présentation de l'entreprise - CPAM



## Que financent 1000 € d'impôts ?



## L'Assurance Maladie et la prévention, un engagement historique

1945

L'ordonnance du 4 octobre 1945 instaure la Sécurité sociale et évoque la « prévention » à 4 reprises

1985

Organisation de la première campagne de vaccination contre la grippe

2005

Lancement du programme M'T dents, qui sera étendu à de nouvelles classes d'âge en 2018

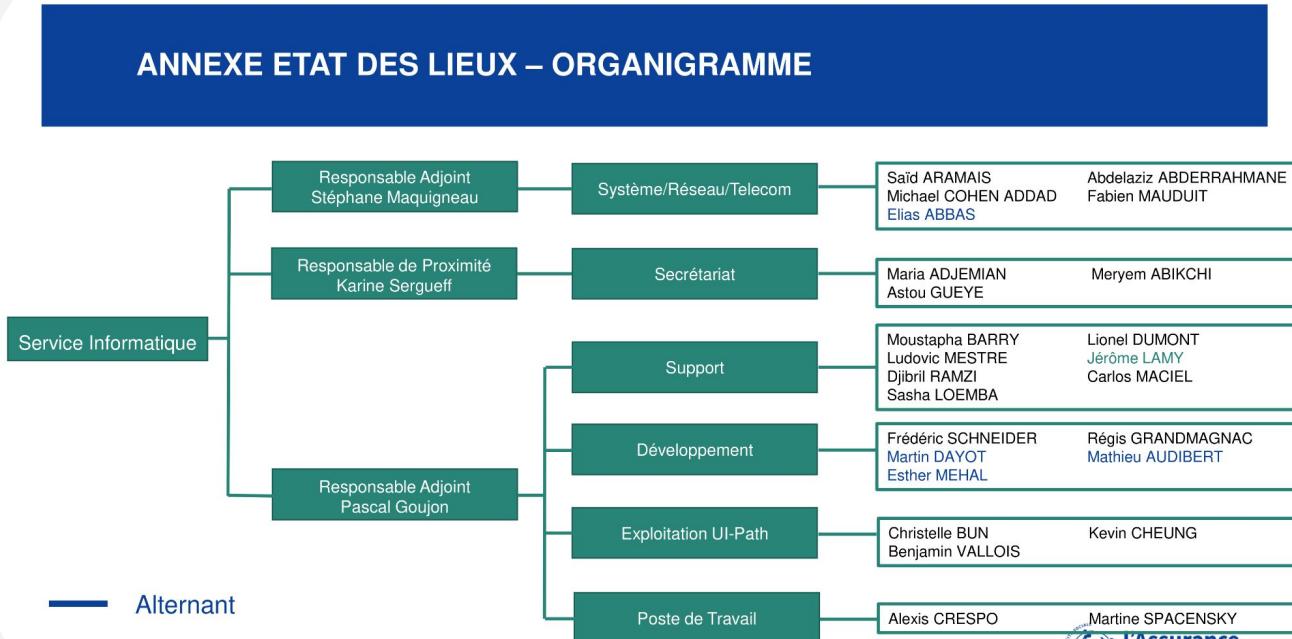
2020

Mise en place d'actions d'« aller vers » lors de la vaccination anti-Covid

2008

Déploiement du service sophia, pour améliorer le suivi de patients diabétiques

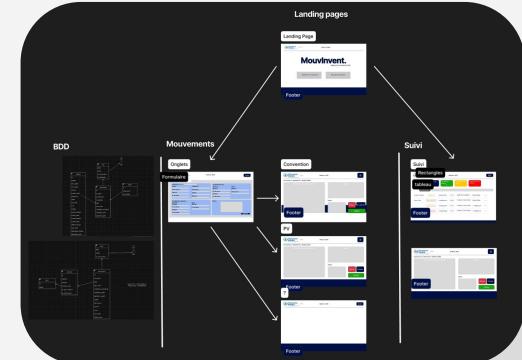
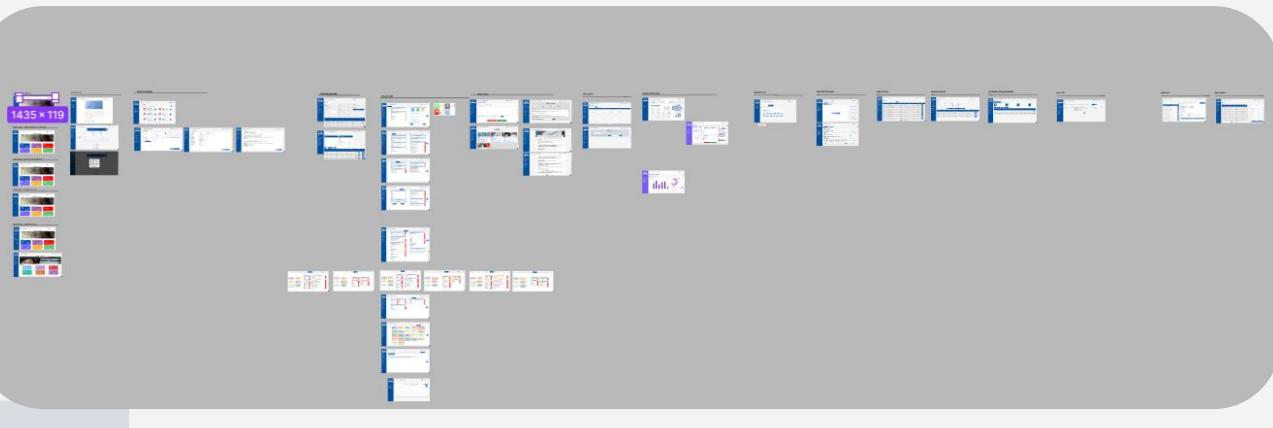
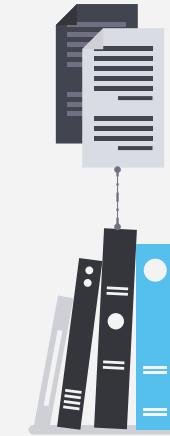
## II. Présentation de l'entreprise - Organigramme



## II. Présentation de l'entreprise - Mes missions

### AAVA Action Aller Vers les Assurés

The screenshot shows the AAVA application interface. At the top, there is a navigation bar with a logo and a search bar. Below the navigation bar, there is a sidebar with various menu items: Administration Locale, Accès à la plateforme, Création, Applications, Envoyer des emails, Modèles de courriers, Paramètres, and Actualisation. The main area is titled "AAVA Action Aller Vers les Assurés". It has a header with a user profile icon and the text "Nom Prenom". Below the header, there is a section titled "Campagnes" with a search bar and filters for "Trier par (a-z)", "Equipe", "Statut", and "Priorité". There are two rows of campaign cards. Each card displays a doctor icon, the campaign name (e.g., "Nom\_Campagne XX fiches"), the number of faxes sent ("X X fiches"), the number of available faxes ("Disponibles : 50"), the number of faxes in queue ("En attente : 20"), and the percentage of completion ("20% effectuées"). Buttons for "Envoyer" (Send), "Annuler" (Cancel), and "..." are also present. At the bottom, there is a pagination control with buttons for 1, 2, 3, 4, and "...".



## II. Présentation de l'entreprise - Mes missions

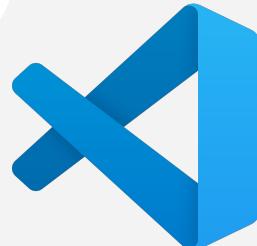


GitLab

php



Symfony



MySQL®



# **III. Présentation de Cooloc**

# III. Présentation de Cooloc - Contexte



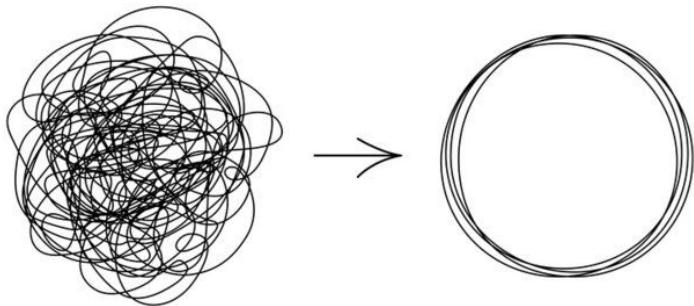
**Précarité étudiante en 2023**



des étudiants ne mangent pas à leur faim  
soit 28% des boursiers et 16% des non-boursiers.

Source : Bouge ton Crous, la consultation étudiante de La Fage, 2024.

### III. Présentation de Cooloc - Problématique



### III. Présentation de Cooloc - Objectifs



+Simple

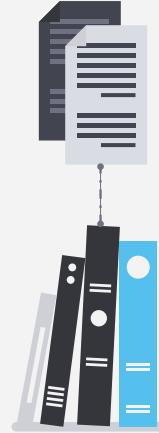
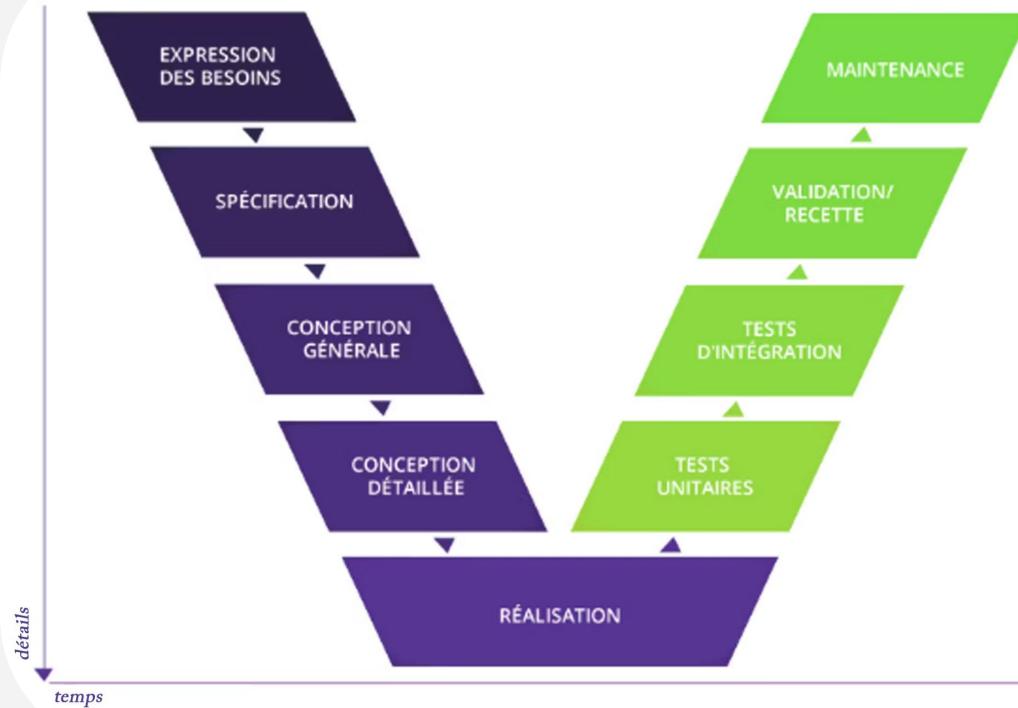


### III. Présentation de Cooloc - Public cible

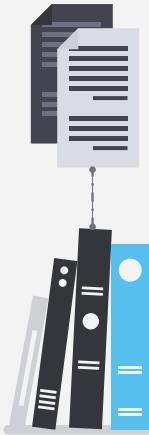


# **IV. Gestion du projet**

# IV. Gestion du projet - Méthode



# IV Gestion du projet - Planning des tâches



# IV. Gestion du projet - Gestion des tâches

Coolc ★ Public 0 Tableau

A FAIRE

- DIAGRAM DE GANT
- DIAGRAM DE CLASS
- PAGES TACHES 0/2

+ Ajouter une carte

EN COURS

- FIGMA
- CONCEPTION
- DOCUMENT 40 PAGES
- POWERPOINT
- DEVELOPPEMENT
- RESPONSIVE 0/2

+ Ajouter une carte

A CORRIGER/BUGS

- GITHUB ACTIONS
- SONARQUBE

+ Ajouter une carte

TERMINÉ

- DIAGRAM DE SEQUENCES
- MCD
- MLD
- MPD
- BDD 2/2
- DOCKER 2/2
- NOSQL
- JWT
- HEADER PAS CONNECTÉ 2/2
- ROLES
- LOGIN 2/2

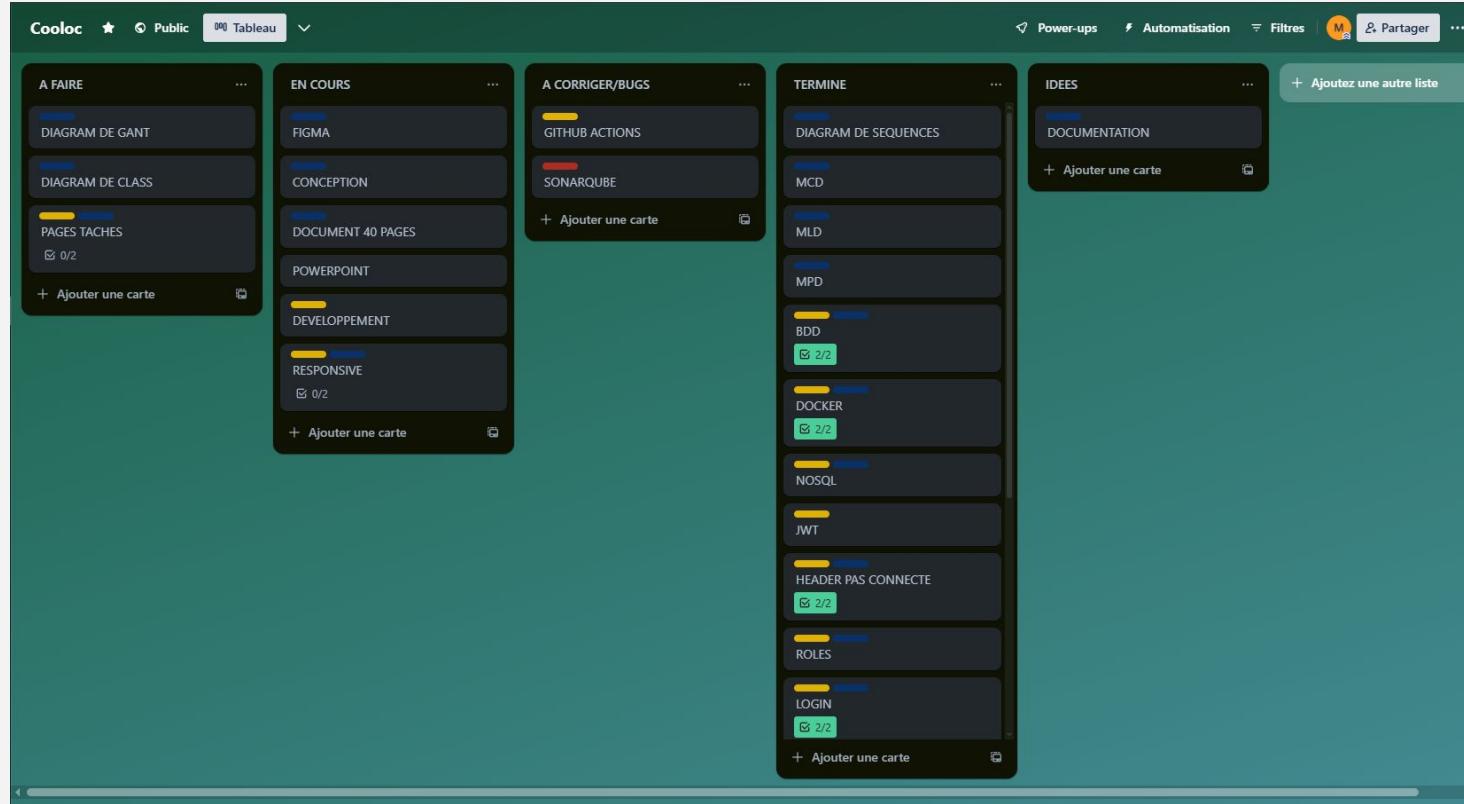
+ Ajouter une carte

IDEES

- DOCUMENTATION

+ Ajouter une autre liste

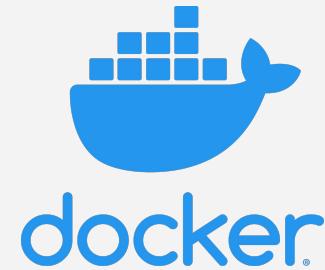
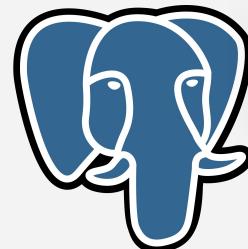
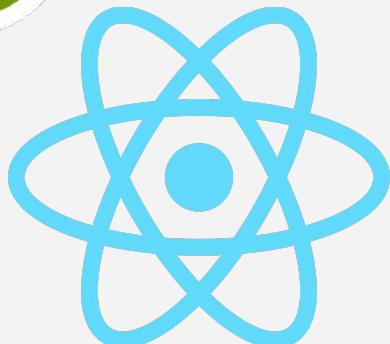
Power-ups Automatisation Filtres Partager ...



# IV. Gestion du projet - Outils

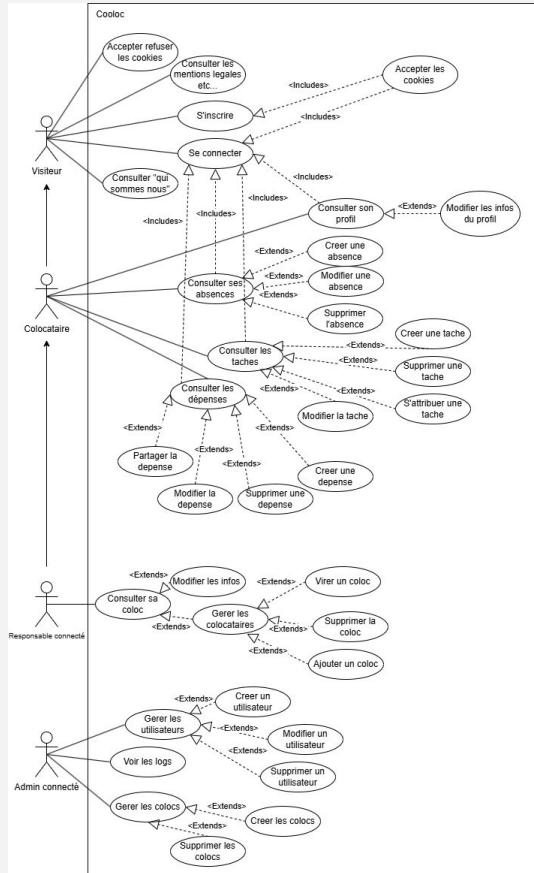


PYTHON  
HTTP  
MODULE

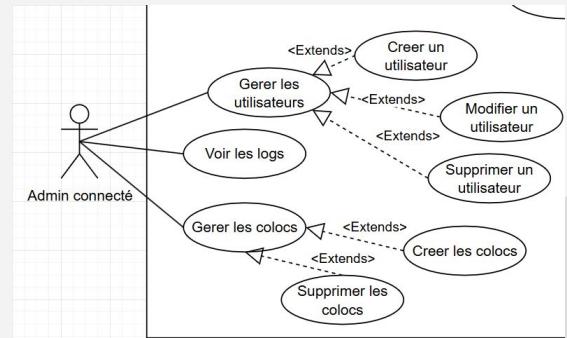
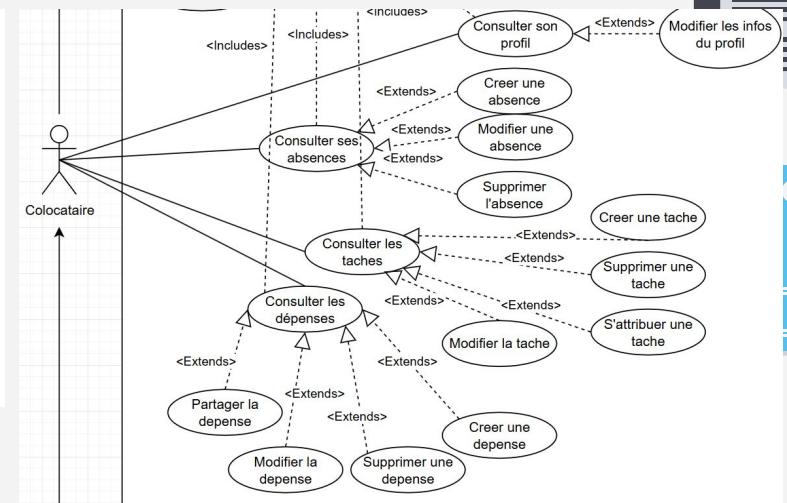
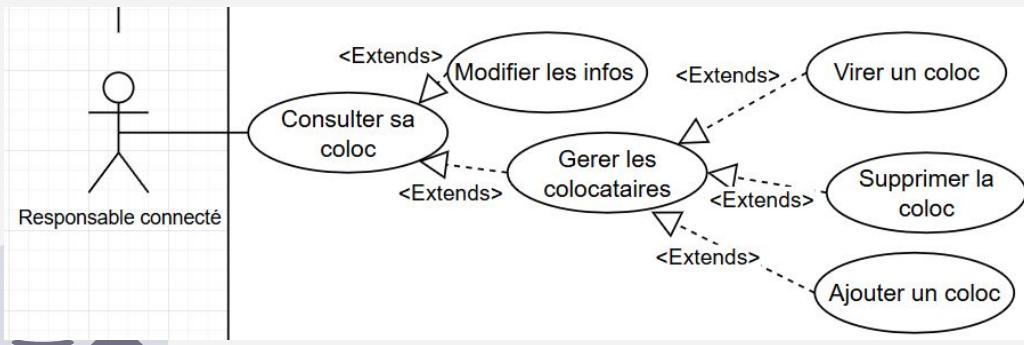
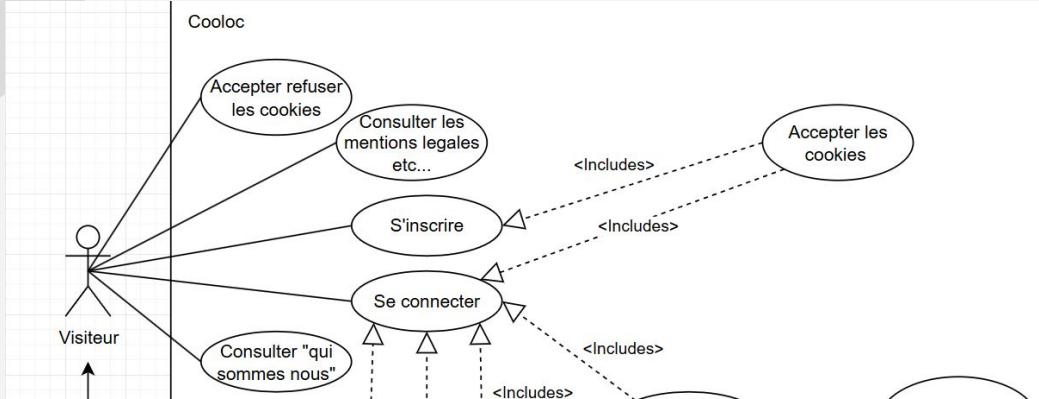


# V. Conception de Cooloc

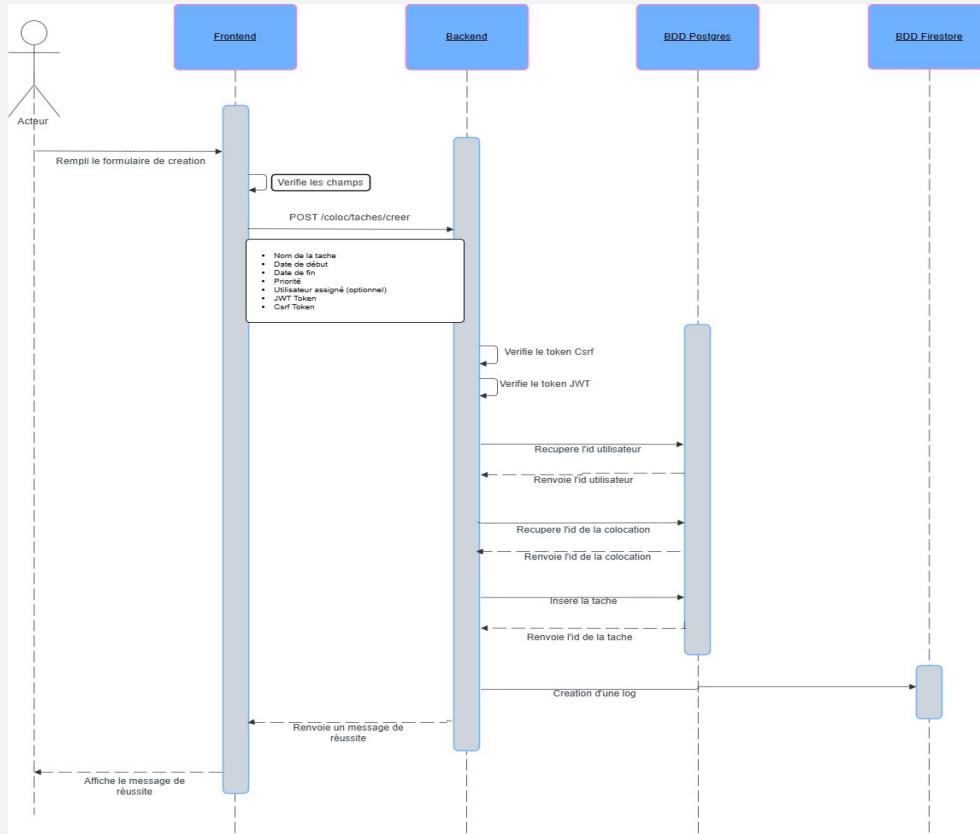
# V. Conception de Cooloc - Use Case



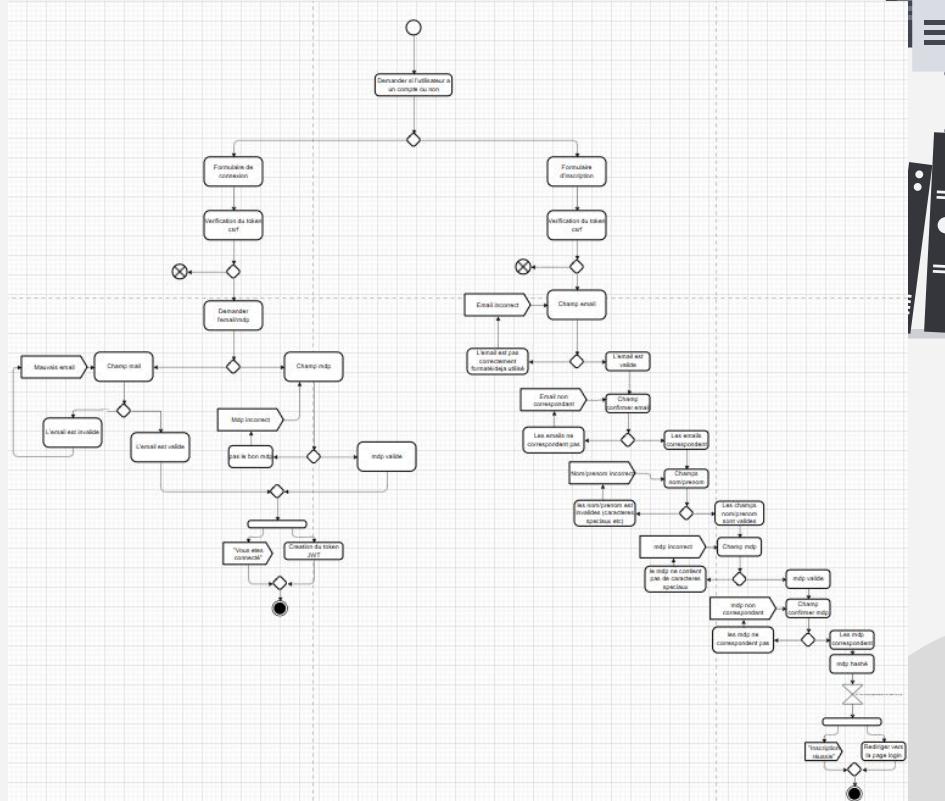
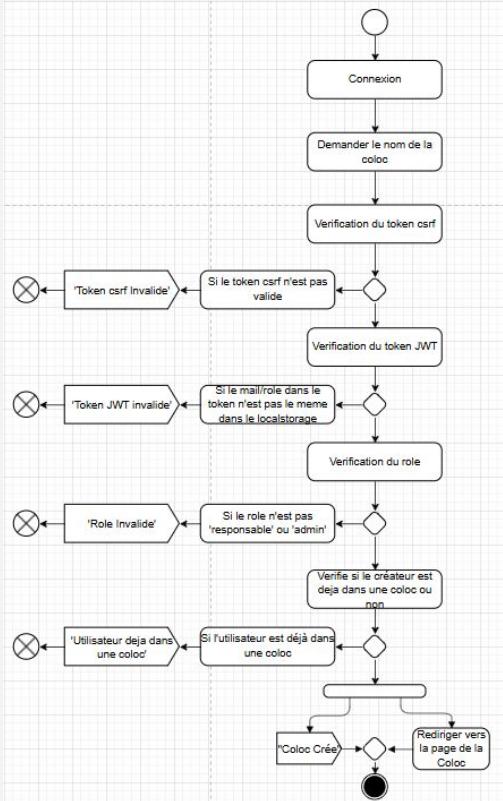
# V. Conception de Cooloc - Use Case



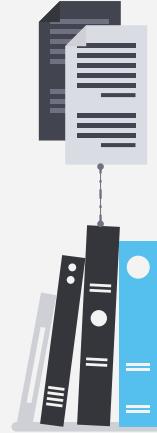
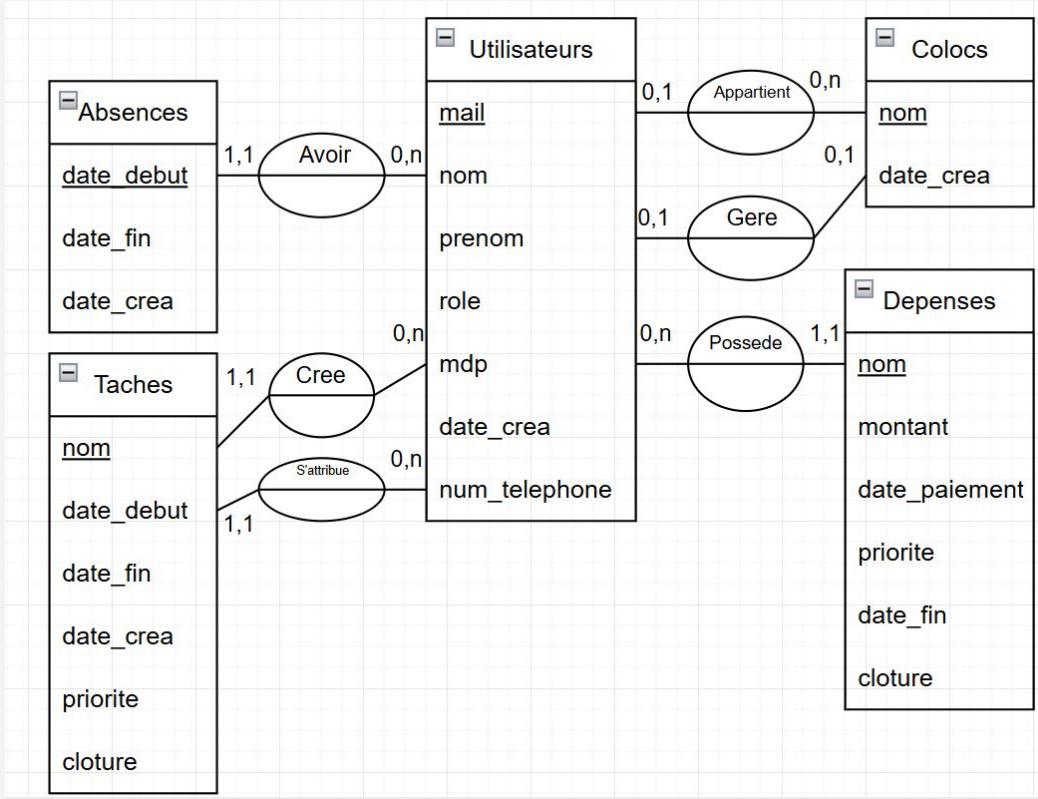
# V. Conception de Cooloc - Séquence



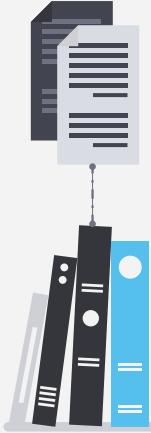
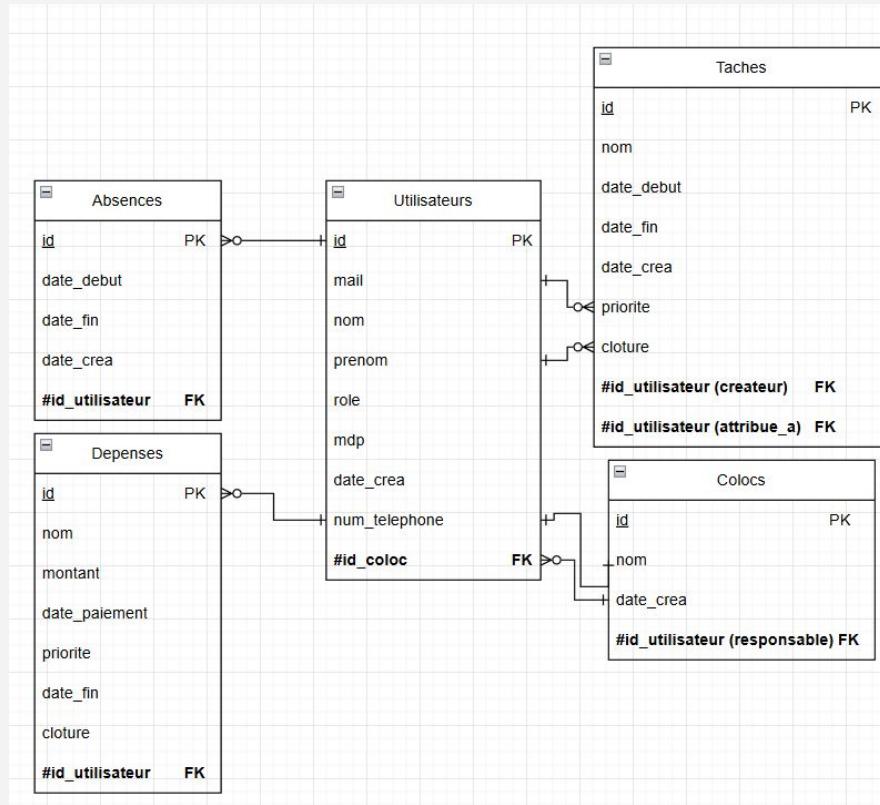
# V. Conception de Cooloc - Activité



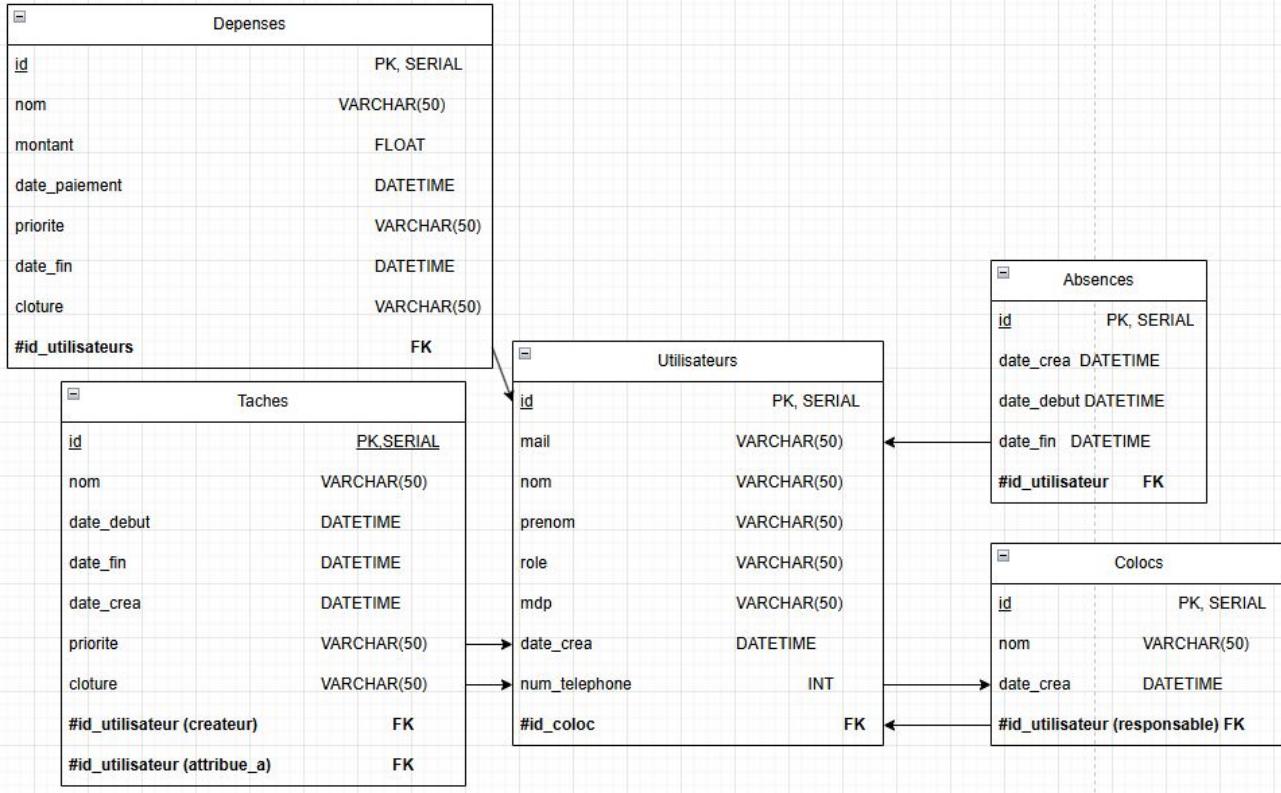
# V. Conception de Cooloc - MCD



# V. Conception de Cooloc - MLD



# V. Conception de Cooloc - MPD



```

backups > back > bdd.sql
1 ✓ CREATE TABLE IF NOT EXISTS Colocs (
2   id SERIAL PRIMARY KEY,
3   nom VARCHAR(50),
4   date_crea TIMESTAMP,
5   responsable INT,
6 );
7
8 ✓ CREATE TABLE IF NOT EXISTS Utilisateurs (
9   id SERIAL PRIMARY KEY,
10  mail VARCHAR(50) NOT NULL UNIQUE,
11  nom VARCHAR(50) NOT NULL,
12  prenom VARCHAR(50) NOT NULL,
13  role VARCHAR(50) NOT NULL,
14  mdp VARCHAR(255) NOT NULL,
15  date_creation TIMESTAMP,
16  num_telephone VARCHAR(15),
17  id_coloc INT REFERENCES Colocs(id),
18  CONSTRAINT fk_coloc
19    FOREIGN KEY(id_coloc)
20      REFERENCES Colocs(id)
21 );
22
23 ✓ CREATE TABLE IF NOT EXISTS Absences (
24   id SERIAL PRIMARY KEY,
25   date_crea TIMESTAMP,
26   date_debut TIMESTAMP,
27   date_fin TIMESTAMP,
28   id_utilisateur INT REFERENCES Utilisateurs(id)
29 );
30
31 ✓ CREATE TABLE IF NOT EXISTS Depenses (
32   id SERIAL PRIMARY KEY,
33   nom VARCHAR(50),
34   montant FLOAT,
35   date_paiement TIMESTAMP,

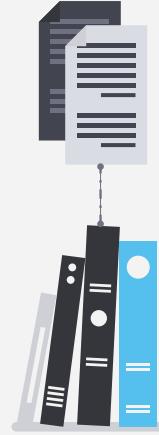
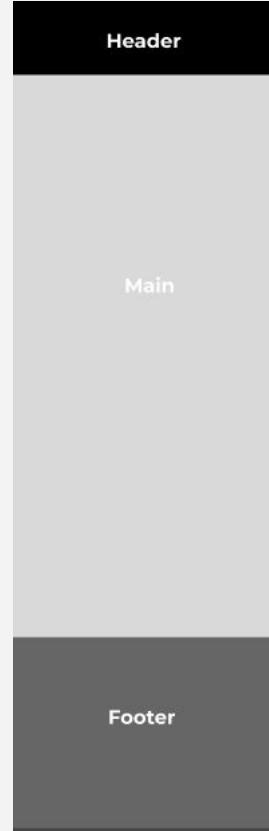
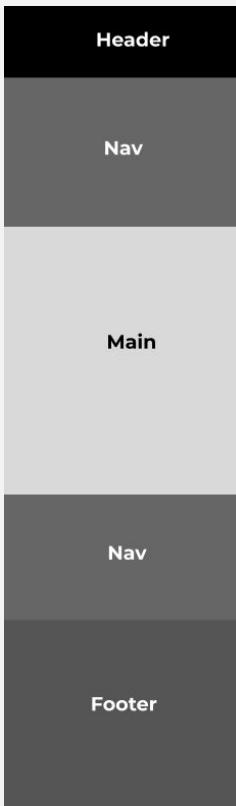
```

# V. Conception de Cooloc - NoSQL

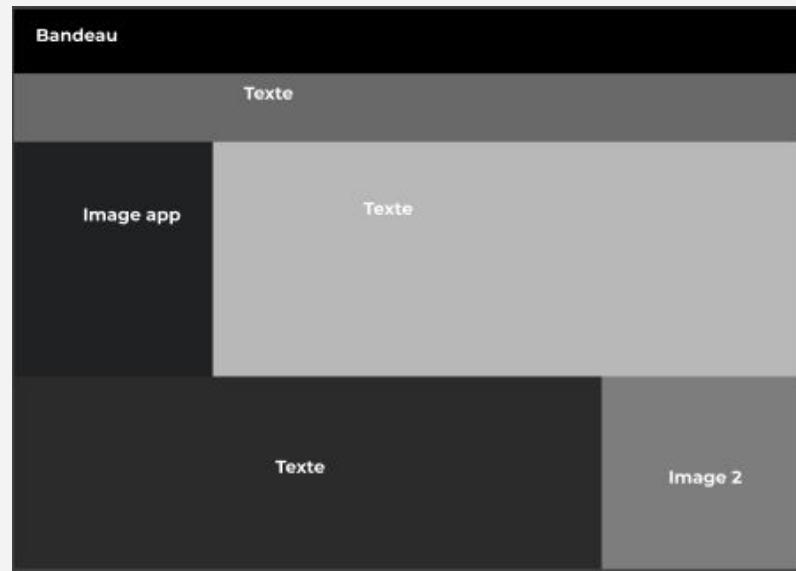
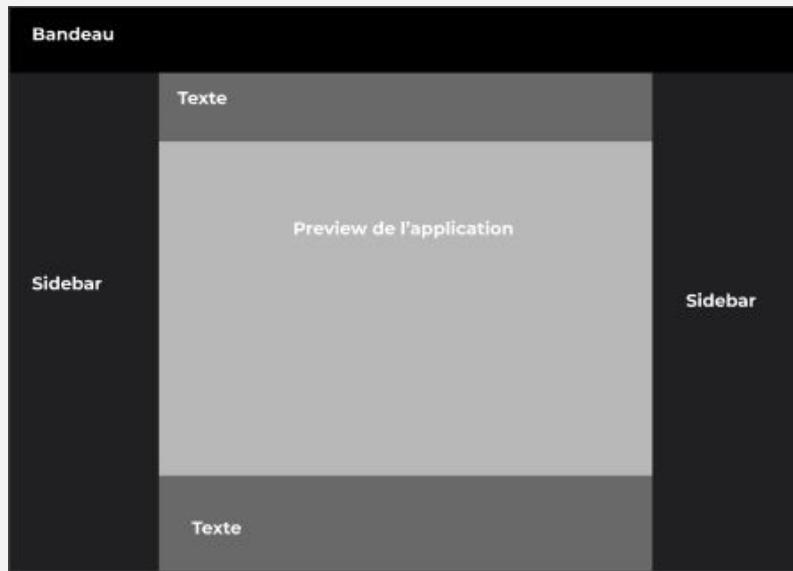
The screenshot shows the Firebase Cloud Firestore interface for the 'Logs' collection. The left sidebar includes links for Vue d'ensemble, Raccourcis de projet, Firestore Database (selected), Catégories de produits, Créer, Exécuter, Analytics, IA, and Tous les produits. The top navigation bar has tabs for Données, Règles, Index, Reprise après sinistre, Utilisation, and Extensions. A red button 'Ajouter une base de données' is visible. The main area displays a hierarchical path: Logs > 1GJ6DJa2RjwiRSZ1Czb. The collection contains several documents, with one document expanded to show its fields: action: "creation coloc", date: "23 juin 2025 à 17:09:11 UTC+", id\_coloc: 21, and id\_utilisateur: 10. A sidebar on the right provides links to 'Vue Panneau', 'Générateur de requêtes', and 'Plus de fonctionnalités dans Google Cloud'. A decorative graphic of books and a stack of papers is visible on the far right.

Emplacement de la base de données : eur3

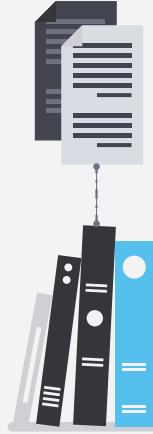
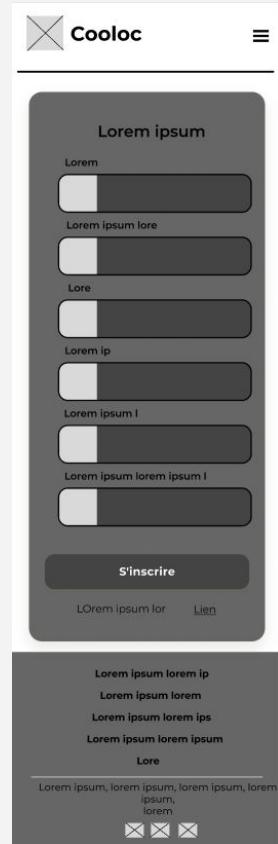
# V. Conception - Zoning mobile



# V. Conception - Zoning pc



# V. Conception - Wireframes mobile



# V. Conception - Wireframes pc



The wireframe shows the homepage of the Cooloc platform. At the top, there is a header with the logo 'Cooloc' and navigation links for 'Accueil', 'Qui sommes nous', and 'Contact'. Below the header, a main title reads 'Grâce à Cooloc, rendez vos colocataires plus facilement gérables !' followed by a large placeholder image with a large 'X' through it. Below this, there are three sections: 'Tâches' (Tasks), 'Lorem' (Placeholder text), and 'Lorem' (Placeholder text). Each section contains several placeholder text blocks ('Lorem ipsum...'). At the bottom, there is a footer with links for 'Accès à l'espace locataire', 'Accès à l'espace colocataire', 'Accès à l'espace administrateur', and 'Lien'.

The wireframe shows the login/signup page for the Cooloc platform. It features a header with the 'Cooloc' logo and navigation links for 'Accueil', 'Qui sommes nous', and 'Contact'. Below the header is a large central form area. The form has a title 'Lorem ipsum' at the top. It contains several input fields, each with a 'Lorem' placeholder. At the bottom of the form is a 'S'inscrire' button. Below the form, there is a footer with links for 'Lorem ipsum ipsum i', 'Lien', and social media icons for 'Lorem ipsum ipsum', 'Lorem ipsum ipsum', 'Lorem ipsum ipsum', 'Lorem ipsum ipsum', and 'Lore'.

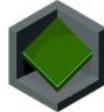


# V. Conception - Charte graphique

## Couleurs



## Logo & Polices



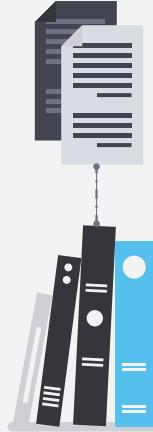
**Cooloc utilise Montserrat, Lorem ipsum 123456789**

Cooloc utilise Montserrat, Lorem ipsum 123456789

Cooloc utilise Montserrat, Lorem ipsum 123456789

*Cooloc utilise Montserrat, Lorem ipsum 123456789*

# V. Conception - Maquettes mobile



# V. Conception - Maquettes pc



PC - Homepage

Cooloc

Grace à Cooloc, rendez vos colocations plus facilement gérables !

GRACE À UNE PRÉVUE DE L'APPLICATION

Des fonctionnalités très pratiques pour faciliter la gestion de vos colocations : gestion des tâches, suivi des dépenses et gestion des finances.

**Tâches**

Gérez les tâches avec qui fait quoi !

Créez les tâches que vous avez à faire pour votre coloc ou pour votre colocataire. Vous pouvez également ajouter une date limite et une priorité à chaque tâche.

Une tâche peut être échouée ou terminée.

**Gestion**

Gérez les dépenses de votre coloc et celle de votre colocataire.

Créez vos dépenses régulières, régulières ou ponctuelles et attribuez-les à votre coloc ou à votre colocataire.

Créez un raccourci vers les finances de la coloc.

Grâce aux dernières fonctionnalités, gérez vos dépenses régulières, régulières ou ponctuelles et attribuez-les à votre coloc ou à votre colocataire.

Grâce à l'application Cooloc, rendez vos colocations plus facilement gérables !

Informations personnelles

Email : matheu@cooloc.fr

Prenom : coolo2

Nom : coolo2

Modifier

Supprimer le compte

Demandes personnelles Gestion des cookies Mentions légales & CGU Documentation technique Aide

16 allée de la Marche, 92380 Clichy, Hauts-de-Seine, France

Facebook Twitter LinkedIn



Cooloc

Accueil Qui sommes nous Contact

Bienvenue, coolo2 Connexion

Mon Profil

Gérez vos informations personnelles

Informations personnelles

Email : matheu@cooloc.fr

Prenom : coolo2

Nom : coolo2

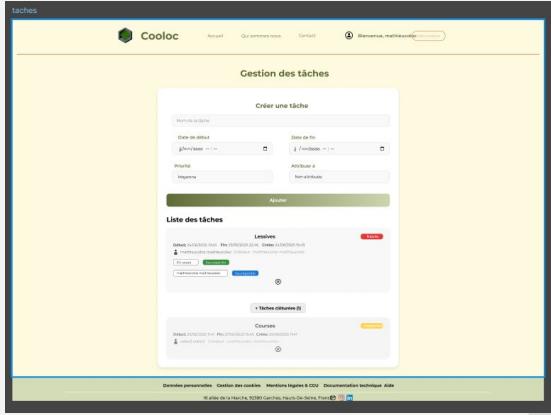
Modifier

Supprimer le compte

Demandes personnelles Gestion des cookies Mentions légales & CGU Documentation technique Aide

16 allée de la Marche, 92380 Clichy, Hauts-de-Seine, France

Facebook Twitter LinkedIn



tâches

Cooloc

Accueil Qui sommes nous Contact

Bienvenue, matheu@cooloc.com Connexion

Gestion des tâches

Créer une tâche

Nom de la tâche :

Date de début :

À faire :

Attribut à :

Habitat :

Impériale :

Ajouter

Liste des tâches

Créer une tâche

Nom de la tâche :

Date de fin :

À faire :

Attribut à :

Habitat :

Impériale :

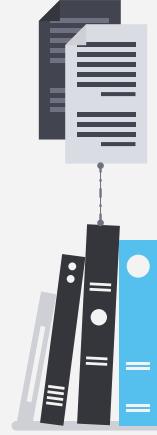
Ajouter

Créer

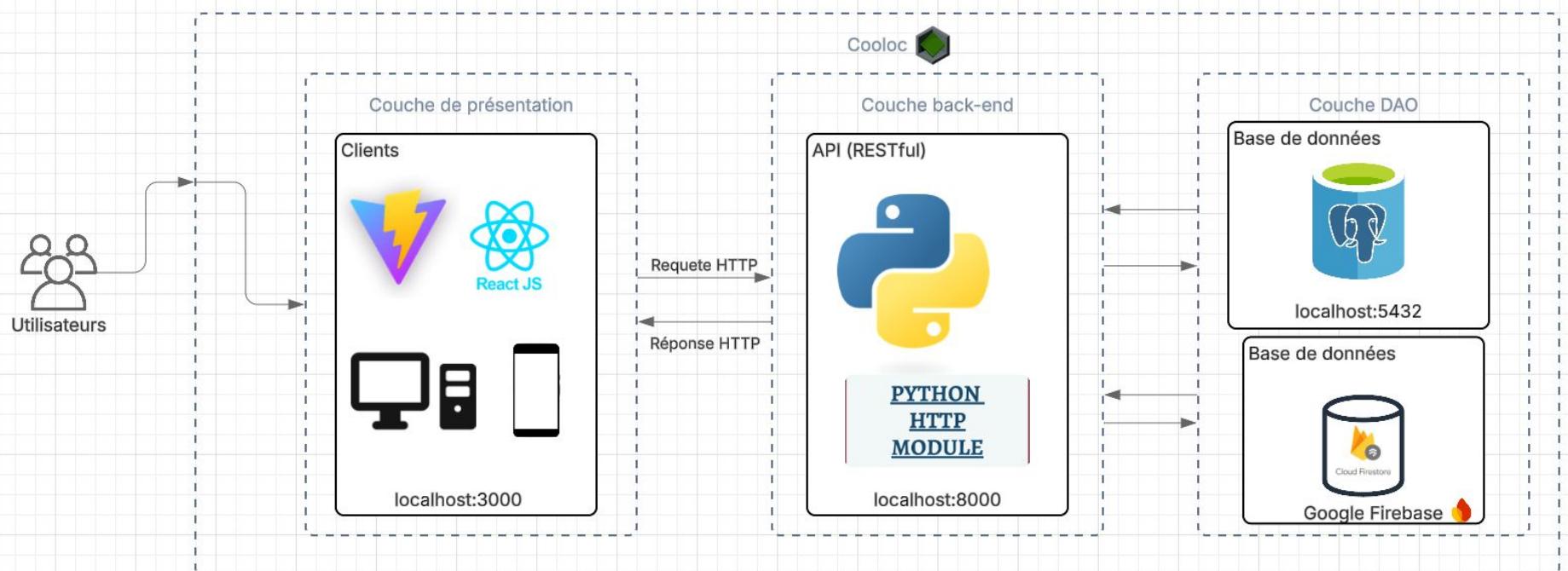
Demandes personnelles Gestion des cookies Mentions légales & CGU Documentation technique Aide

16 allée de la Marche, 92380 Clichy, Hauts-de-Seine, France

Facebook Twitter LinkedIn



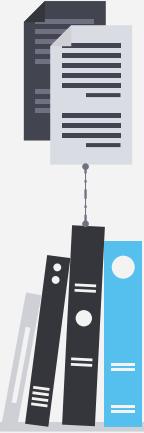
# V. Conception de Cooloc - Architecture



# VI. Démo

# VII. Développement Frontend

# VII. Frontend - Navigation conditionnelle



Login.jsx

```
...          Uploaded using RayThis Extension

const response = await fetch('http://localhost:8000/login', {
    method: 'POST',
    headers: {
        'Content-Type': 'application/json',
        'Accept': 'application/json',
    },
    body: JSON.stringify({
        mail: email,
        mdp: password,
        csrf: 'cz6hyCmAUIU7D1htACJKe2HwfE6bqAiksEOYJABM3-Y'
    }),
    mode: 'cors',
    credentials: 'include'
});

if (!response.ok) {
    throw new Error(`erreur: ${response.status}`);
}

const data = await response.json();

if (data.status === 200) {
    localStorage.setItem('user', JSON.stringify({
        email: data.data.mail,
        role: data.data.role,
        prenom: data.data.prenom,
        nom: data.data.nom,
        token: data.token,
        id_coloc: data.data.id_coloc
    }));
}

window.location.href = '/';
```



# VII. Frontend - Navigation conditionnelle

App.jsx

```
...                                                 Uploaded using RayThis Extension

switch (currentPage) {
  case 'home':
    return <Home />;
  case 'login':
    return <Login onRegisterClick={() => navigate('register')} />;
  case 'register':
    return <Register onLoginClick={() => navigate('login')} />;
  case 'profile':
    return <Profile />;
  case 'admin':
    return <AdminDashboard />;
  case 'a-propos':
    return <APropos />;
  case 'creation-colocation':
    return <CreationColocation />;
  case 'colocation':
    return <ColocationInfos />;
  case 'taches':
    return <Taches />;
  default:
    return <Home />;
}
```



Header.jsx

```
<div className="header-right">
  {localUser ? (
    <div className="user-info">
      {localUser.role === 'admin' && (
        <button onClick={onAdminClick} className="btn btn-admin">
          Tableau de Bord Admin
        </button>
      )}
      {localUser.role !== 'admin' && (
        <button onClick={onProfileClick} className="profile-button">
          
        </button>
      )}
      <span className="welcome-text">Bienvenue, {localUser.prenom}</span>
      <button onClick={handleLogout} className="btn btn-logout">Déconnexion</button>
    </div>
  ) : (
    <>
      <button onClick={() => handleAuthClick(onLoginClick)} className="btn btn-login">Se connecter</button>
      <button onClick={() => handleAuthClick(onRegisterClick)} className="btn btn-register">S'inscrire</button>
    </>
  )
</div>
```



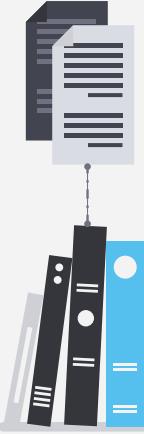
# VII. Frontend - Interfaces

AdminDashboard.jsx

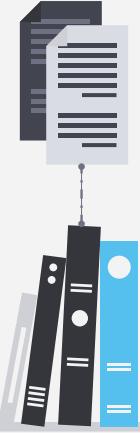
```
frontend > src > pages > AdminDashboard.jsx > AdminDashboard
4  function AdminDashboard() {
...
213    <h3>Créer un Nouvel Utilisateur</h3>
214    <input
215      type="email"
216      placeholder="Email"
217      value={newUser.mail}
218      onChange={(e) => setNewUser({...newUser, mail: e.target.value})}
219      required
220    />
221
222    <input
223      type="password"
224      placeholder="Mot de passe"
225      value={newUser.mdp}
226      onChange={(e) => setNewUser({...newUser, mdp: e.target.value})}
227      required
228    />
229
230    <input
231      type="text"
232      placeholder="Prénom"
233      value={newUser.prenom}
234      onChange={(e) => setNewUser({...newUser, prenom: e.target.value})}
235      required
236    />
237
238    <input
239      type="text"
240      placeholder="Nom"
241      value={newUser.nom}
242      onChange={(e) => setNewUser({...newUser, nom: e.target.value})}
243      required
244    />
245
246    <input
247      type="tel"
248      placeholder="Téléphone (optionnel)"
249      value={newUser.num_telephone}
250      onChange={(e) => setNewUser({...newUser, num_telephone: e.target.value.slice(0, 10)})}
251      maxLength={10}
252    />
253
254    <select
255      value={newUser.role}
256      onChange={(e) => setNewUser({...newUser, role: e.target.value})}
257    >
258      <option value="colocataire">Colocataire</option>
259      <option value="responsable">Responsable</option>
260      <option value="aucun">Aucun</option>
261      <option value="admin">Administrateur</option>
262    </select>
263    <button type="submit">Créer l'utilisateur</button>
264  </form>
```

Profile.jsx

```
frontend > src > pages > Profile.jsx > Profile
1  import { useState, useEffect } from 'react';
2  import '../styles/profile.css';
3
4  const Profile = () => {
5    const [user, setUser] = useState(null);
6    const [isEditing, setIsEditing] = useState(false);
7    const [error, setError] = useState('');
8    const [success, setSuccess] = useState('');
9    const [formData, setFormData] = useState({
10      email: '',
11      prenom: '',
12      nom: '',
13      password: '',
14      confirmPassword: ''
15    });
16
17    useEffect(() => {
18      const storedUser = localStorage.getItem('user');
19      if (storedUser) {
20        const userData = JSON.parse(storedUser);
21        setUser(userData);
22        setFormData({
23          email: userData.email,
24          prenom: userData.prenom,
25          nom: userData.nom,
26          password: '',
27          confirmPassword: ''
28        });
29      }
30    }, []);
31
32    const handleInputChange = (e) => {
33      const { name, value } = e.target;
34      setFormData(prev => ({
35        ...prev,
36        [name]: value
37      }));
38    };
39
40    const handleSubmit = async (e) => {
41      e.preventDefault();
42      if (!isEditing) return;
43      setError('');
44      setSuccess('');
45
46      if (formData.password !== formData.confirmPassword) {
47        setError('Les mots de passe ne correspondent pas');
48        return;
49      }
```

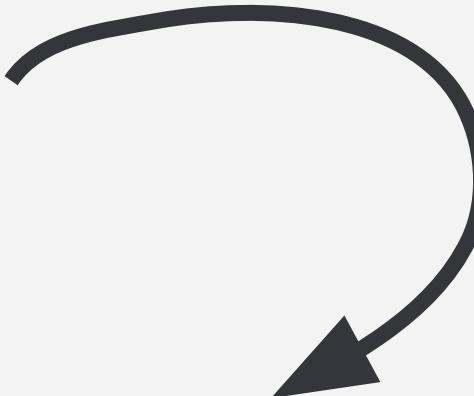


# VII. Frontend - Interfaces



## Footer.jsx

```
src > Footer.js > Footer.jsx > Footer.js
1  import React from 'react';
2  import './Footer.css';
3
4  const Footer = () => {
5    return (
6      <Footer>
7        <div>
8          <div>
9            <a href="https://www.yourwebsite.com">
10              Votre nom
11            </a>
12            <div>
13              <div>
14                <a href="https://www.yourwebsite.com">
15                  Données personnelles
16                </a>
17                <a href="https://www.yourwebsite.com">
18                  Gestion des cookies
19                </a>
20                <a href="https://www.yourwebsite.com">
21                  Mentions légales & CGU
22                </a>
23                <a href="https://www.yourwebsite.com">
24                  Documentation technique
25                </a>
26                <a href="https://www.yourwebsite.com">
27                  Aide
28                </a>
29              </div>
30            </div>
31          </div>
32        </div>
33      </Footer>
34    )
35  }
36
37  export default Footer;
```



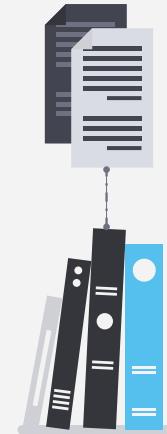
# **VIII. Développement Backend**

# VIII. Backend - Architecture & modules python

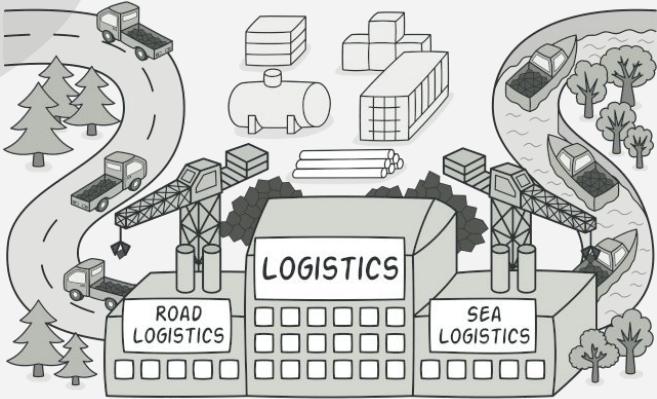
requirements.txt

Uploaded using RayThis Extension

```
psycopg2-binary  
python-dotenv  
pytest  
pytest-cov  
coverage  
bcrypt  
pyjwt  
firebase-admin
```



# VIII. Backend - Architecture & modules python



Uploaded using RayThis Extension

```
class Bdd:
    """
    classe de connexion a la bdd pgsql
    """
    def __init__(self, user, mdp, nom, host, port):
        self.user = user
        self.mdp = mdp
        self.nom = nom
        self.host = host
        self.port = port

    def connexion(self):
        """
        connexion a la bdd pgsql
        """
        :return: None
        """
        try:
            self.conn = psycopg2.connect(
                database=self.nom,
                user=self.user,
                password=self.mdp,
                host=self.host,
                port=self.port,
            )
            self.cursor = self.conn.cursor()
            print("[INFO]: Bdd OK")
        except Exception as e:
            print(f"[ERREUR]: Bdd KO : {e}")

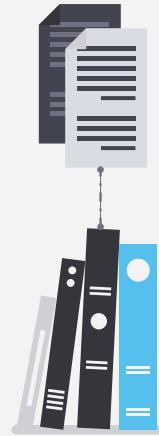
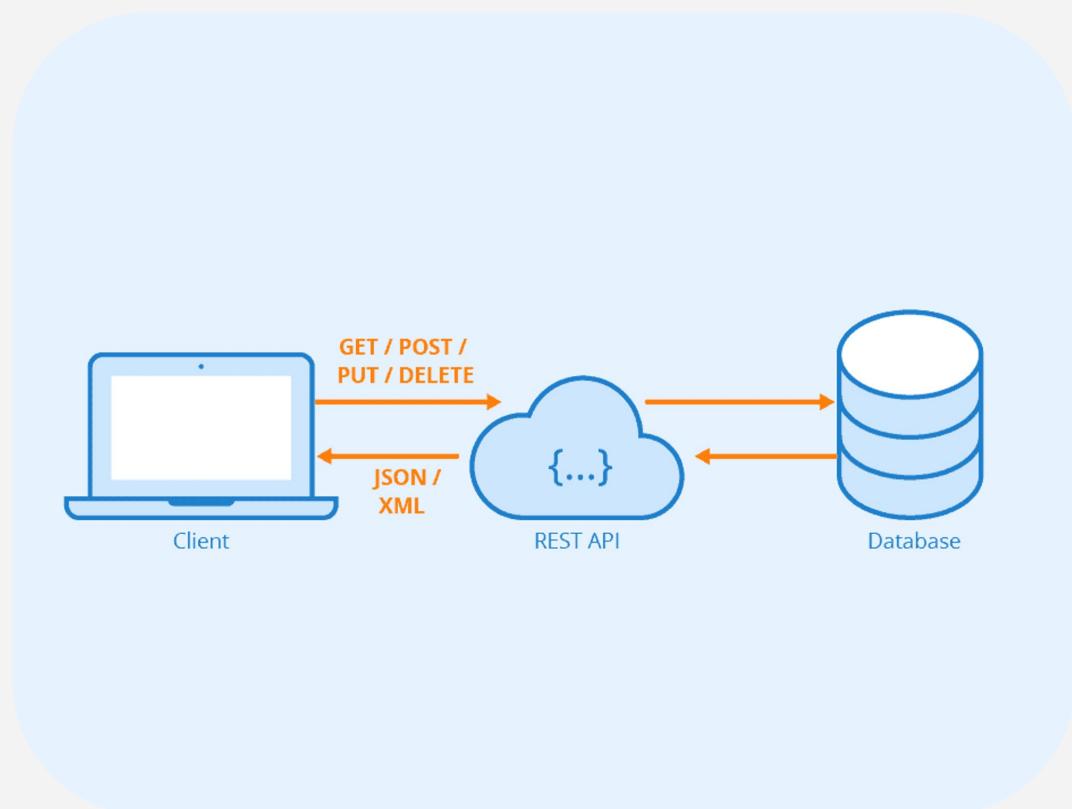
    def close(self):
        self.conn.close()
        self.cursor.close()
        print("[INFO]: Bdd close")

class Logs:
    """
    classe de connexion a la bdd firebase
    """
    def __init__(self, cle):
        self.cle = credentials.Certificate(cle)
        self.app = firebase_admin.initialize_app(self.cle)
        self.db = firestore.client()
```

bdd/connexion.py



# VIII. Backend - API RESTful



# VIII. Backend - API RESTful

serveur.py

```
...  
Uploaded using RayThis Extension  
  
def do_GET(self):  
    """  
    traite les req GET  
  
    :return: None  
    """  
    path, parametres = self.recuperer_parametres()  
  
    if self.path == '/':  
        self.send_response(200)  
        self.send_header('Content-type', 'text/html')  
        self.end_headers()  
        self.wfile.write('Serveur OK'.encode('utf-8'))  
  
    elif self.path == '/swagger.json':  
        self.send_response(200)  
        self.send_header('Content-type', 'application/json')  
        self.end_headers()  
        self.wfile.write(json.dumps(swagger_spec).encode('utf-8'))
```

serveur.py

```
...  
Uploaded using RayThis Extension  
  
# Threading pcq sinon il galere quand ya plusieurs reqs  
serveur = ThreadedHTTPServer((HOST, PORT), Serveur)  
print(f'le serveur ecoute sur http://:{HOST}:{PORT}')  
# lance le serveur  
serveur.serve_forever() # tourne en continu  
serveur.server_close() # ferme le serveur si ya une action de l'utilisateur  
print('stop')
```



serveur.py

```
...  
Uploaded using RayThis Extension  
  
class Serveur(BaseHTTPRequestHandler):  
    """  
    classe du serveur  
    """  
    #FIXME: elif ==> match case?  
    def recuperer_parametres(self):  
        """  
        recuper les params de la requete  
  
        :return: tuple, (path, parametres)  
        """  
        url = urllib.parse.urlparse(self.path)  
        path = url.path  
  
        parametres = {}  
        if url.query:  
            req_parametres = urllib.parse.parse_qs(url.query)  
  
            for cle, valeur in req_parametres.items():  
                parametres[cle] = valeur[0]  
        return path, parametres  
  
    def end_headers(self):  
        """  
        ajoute les headers CORS (accessible pour le front)  
  
        :return: None  
        """  
        # front a le droit de faire des reqs  
        self.send_header('Access-Control-Allow-Origin', 'http://localhost:3000')  
        # les methodes autorisee  
        self.send_header('Access-Control-Allow-Methods', 'GET, POST, PUT, OPTIONS')  
        # les headers autorises  
        self.send_header('Access-Control-Allow-Headers', 'Content-Type, Authorization')  
        # autorise les cookies  
        self.send_header('Access-Control-Allow-Credentials', 'true')  
        # duree d'1heure  
        self.send_header('Access-Control-Max-Age', '3600')  
        super().end_headers()  
  
    def do_OPTIONS(self):  
        """  
        traite les req options  
  
        :return: None  
        """  
        self.send_response(200)  
        self.end_headers()
```



# VIII. Backend - API RESTful

profil/voir\_son\_profile.py



Uploaded using RayThis Extension

```
return {'status': 200, 'infos': utilisateurs}
```

requête postman pour voir son profil

Body Cookies Headers (8) Test Results

{ } JSON

Preview Visualize

```
1 {  
2   "status": 200,  
3   "infos": [  
4     {  
5       "id": 8,  
6       "mail": "test@test.com",  
7       "nom": "testa",  
8       "prenom": "testa",  
9       "role": "admin",  
10      "date_creation": "2025-05-08 00:58:14",  
11      "num_telephone": "0652103302",  
12      "id_coloc": null  
13    }  
14  ]  
15 }
```



# VIII. Backend - SQL

colocations/voir\_utilisateurs.py

```
...  
Uploaded using RayThis Extension  
  
def recuper_infos(data):  
    """  
    recupere les informations des colocataires d'une coloc  
  
    :param data: dict, infos envoyées par le serveur  
  
    :return: list, infos des colocataires  
    """  
    coloc = data['id_colocs']  
    requete = """  
    SELECT u.id, u.nom, u.prenom, u.mail  
    FROM Utilisateurs AS u  
    JOIN Colocs AS c  
    ON c.id = u.id_coloc  
    WHERE c.id = %s"""  
    con.cursor.execute(requete, (coloc,))  
    infos = [  
        {  
            'id': row[0],  
            'nom': row[1],  
            'prenom': row[2],  
            'mail': row[3]  
        }  
        for row in con.cursor.fetchall()  
    ]  
    return infos
```



colocations/taches/voir\_completes.py

```
...  
Uploaded using RayThis Extension  
  
requete = """  
SELECT t.*  
FROM Taches AS t  
JOIN Utilisateurs AS u  
ON t.createur = u.id  
JOIN Colocs AS c  
ON c.id = u.id_coloc  
WHERE c.id = %s  
AND t.cloture = 'true'  
ORDER BY t.date_crea DESC  
LIMIT 4;"""
```



# VIII. Backend - NoSQL

register.py



Uploaded using RayThis Extension

```
log = {
    'date': datetime.now(),
    'action': 'inscription',
    'mail': data['mail']
}
logs.db.collection('Logs').add(log)
```



adm/voir\_logs.py



Uploaded using RayThis Extension

```
logs_bdd = logs.db.collection('Logs').stream()
# recuper TOUTEs les logs
log = []
for l in logs_bdd:
    log.append({
        'id': l.id,
        'date': l.to_dict().get('date').strftime('%Y-%m-%d %H:%M:%S'),
        # .strftime mets au bon format
        'action': l.to_dict().get('action'),
        'infos': [
            'id_coloc': l.to_dict().get('id_coloc'),
            'id_utilisateur': l.to_dict().get('id_utilisateur'),
            'id_logs': l.to_dict().get('id_logs')
        ]
    })
# transforme les objets de firebase en dict
```



# **IX. Sécurité**

# IX. Sécurité - Rôles

## Broken Access Control (Top 1 OWASP 2023)

The screenshot shows a REST client interface with the following details:

- URL:** `http://localhost:8000/adm/logs?token=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJYWIsljoibWF0aGlidUBjb2xvYy5mcilsInJvbGUIoIjyZXNwb25zYWJsZSJ9.DwlsPnO05cxnqAlRZKixfcQj4Pnb5i4U_Irc5xWav8&role=...`
- Method:** GET
- Params:** Key, token, role, mail
- Headers:** (8)
- Body:** (Empty)
- Response Status:** 403 Forbidden
- Response Body (JSON):**

```
1 { "status": 403,
2   "message": "Role KO"
3 }
```

The interface includes a sidebar with icons for database, gear, and file operations.

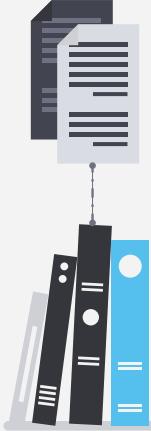
# IX. Sécurité - Rôles

la majorité de mes fichiers backend



Uploaded using RayThis Extension

```
if token_decode['role'] not in ['admin']:  
    return {'status': 403, 'message': 'Role KO'}
```



App.jsx



Uploaded using RayThis Extension

```
if (parsedUser.role === 'aucun') {  
    setShowRoleModal(true);  
}  
  
if (parsedUser.role === 'admin' && currentPage !== 'admin') {  
    window.history.pushState({}, '', '/admin');  
    setCurrentPage('admin');  
}
```



# IX. Sécurité - Mots de passe sécurisé

## Cryptographic Failures (Top 2 OWASP 2023)

The screenshot shows a browser-based testing interface for a POST request to `http://localhost:8000/register`. The request body is JSON:

```
1 {  
2     "nom": "test",  
3     "prenom": "test",  
4     "mail": "test@test.com",  
5     "mdp": "te",  
6     "csrf": "cz6hyCmAUIU7D1htACJKe2Hw"  
7 }
```

The response is a 400 Bad Request with the message "Mdp court".

Below the main interface, there are two smaller windows showing the same request and response, likely representing a comparison or a different view of the same data.

# IX. Sécurité - Mots de passe sécurisé

Combien de temps faut-il à un pirate pour trouver votre mot de passe **2025**

12 x RTX 5090 | bcrypt (10)

Nombre de caractères	Nombres seulement	Lettres minuscules	Lettres majuscules et minuscules	Nombres, lettres majuscules et minuscules	Nombres, lettres majuscules et minuscules, symboles
4	Instantané	Instantané	Instantané	Instantané	Instantané
5	Instantané	Instantané	57 minutes	2 heures	4 heures
6	Instantané	46 minutes	2 jours	6 jours	2 semaines
7	Instantané	20 heures	4 mois	1 an	2 ans
8	Instantané	3 semaines	15 ans	62 ans	164 ans
9	2 heures	2 ans	791 ans	3k ans	11k ans
10	1 jour	40 ans	41k ans	238k ans	803k ans
11	1 semaine	1k ans	2M ans	14M ans	56M ans
12	3 mois	27k ans	111M ans	917M ans	3Md ans
13	3 ans	705k ans	5Md ans	56Md ans	275Md ans
14	28 ans	18M ans	300Md ans	3Bn ans	19Bn ans
15	284 ans	477M ans	15Bn ans	218Bn ans	1Bd ans
16	2k ans	12Md ans	812Bn ans	13Bd ans	94Bd ans
17	28k ans	322Md ans	42Bd ans	840Bd ans	6Tn ans
18	284k ans	8Bn ans	2Tn ans	52Tn ans	463Tn ans

register.py

```
...  
Uploaded using RayThis Extension  
  
def car_spe(mdp):  
    """  
    verifie que les mdp ont au moins 1 caractère spécial  
  
    :param mdp: str, mot de passe de l'utilisateur  
  
    :return: bool, True si le mot de passe contient au moins un caractère spécial, False sinon  
    """  
    caracteres = "!@#$%^&*(),.?":{}|<>"  
    for c in caracteres:  
        if c in mdp:  
            return True  
    return False
```

...  
Uploaded using RayThis Extension

```
if not car_spe(data['mdp']):  
    return {'status': 400, 'message': 'Car speciaux KO'}  
  
if len(data['mdp']) < 14:  
    return {'status': 400, 'message': 'Mdp court'}
```



Hive Systems

[hivesystems.com/password](http://hivesystems.com/password)



# IX. Sécurité - Mots de passe sécurisé

register.py

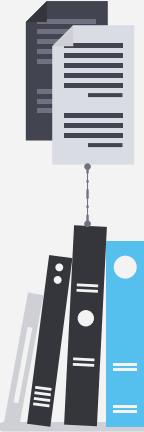


Uploaded using RayThis Extension

```
def mdp_hash(mdp):
    """
        hashe le mot de passe de l'utilisateur avec bcrypt

    :param mdp: str, mot de passe de l'utilisateur

    :return: str, mot de passe hashe
    """
    mdp_propre = mdp.encode('utf-8')
    salt = bcrypt.gensalt(12) # 12 --> eviter bruteforce ralentir l'algo
    mdp_hashe = bcrypt.hashpw(mdp_propre, salt)
    return mdp_hashe
```



# IX. Sécurité - Mots de passe sécurisé

## Register.jsx



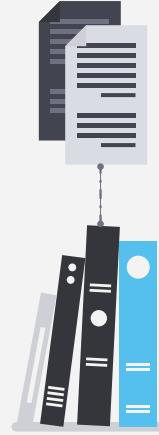
Uploaded using RayThis Extension

```
if (email !== confirmPassword) {
    setError('Les adresses email ne correspondent pas');
    return;
}

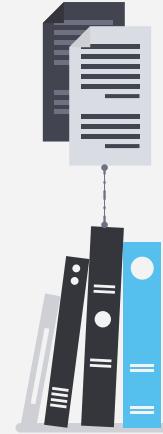
if (password !== confirmPassword) {
    setError('Les mots de passe ne correspondent pas');
    return;
}

if (password.length < 14) {
    setError('Le mot de passe doit contenir au moins 14 caractères');
    return;
}

const specialChars = /[!@#$%^&*(),.?":{}|<>]/;
if (!specialChars.test(password)) {
    setError('Le mot de passe doit contenir au moins un caractère spécial');
    return;
}
```



# IX. Sécurité - Mots de passe sécurisé



	<b>id</b> [PK] integer	<b>mail</b> character varying (50)	<b>nom</b> character varying (50)	<b>prenom</b> character varying (50)	<b>role</b> character varying (50)	<b>mdp</b> character varying (255)
1	13	mathieu@coloc.com	mathieu	coloc	colocataire	\x24326224313224562e4a6f484d4c716e553963353235324f4f772e772e322f3664754977303169515678593078556b51534532792e69346a6d647...
2	11	bibou@bib.com	bibou	bibou	admin	\x24326224313224343072357650624e614b6c42a44734943446a52657556474e3644444737761394d444a6e4141303050622f3777635075356f7...
3	16	mathieu@coloc.fr	mathieu coloc	mathieu coloc	responsable	\x2432622431322454517535664e4c6b6b495442717674516444a4a6c4f445a3552326a6e5a4966426d5272444f6954765944465a5764364d71426...
4	17	mathieu@coloc2.fr	coloc2	coloc2	colocataire	\x24326224313224322f323162417079486853307073366d686a7463572e32794e7832784a66315a5048766c467950425764643775692e6d6b7579...
5	10	caca@caca.com	cacio	cacioooo	responsable	\x2432622431322439476f31787442334e59716448644d4a317342626e6565395241534a58576663735a444952707545734e685a66336859414a...
6	8	test@test.com	testa	testa	admin	\x2432622431322448494c697a6b2e616a3436385748346145394e62434f556b7950676478626a712f38595a6331615836344e3751706253634b483...



# IX. Sécurité - Injection XSS

Register.jsx

Injection XSS (Top 3 OWASP 2023)



Uploaded using RayThis Extension

```
<input
```

```
    type="text"
    id="nom"
    className="form-input"
    value={nom}
    onChange={(e) => setNom(e.target.value)}
    required
    autoComplete="nom-de-famille"
/>

```



# IX. Sécurité - Injection SQL

coloc/creation.py

Injection SQL (Top 4 OWASP 2023)

```
requeste = """
INSERT INTO Colocs (nom, date_crea, responsable) VALUES (%s, %s, %s) RETURNING id
"""

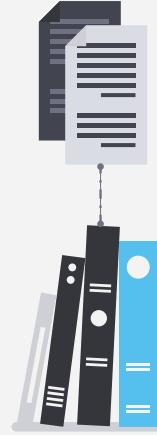
# RETURNING id ==> recup l'id de la coloc cree
param = (data['nom'], datetime.now(), id_utilisateur)
con.cursor.execute(requeste, param)
id_coloc = con.cursor.fetchone()

if not id_coloc:
    return {'status': 500, 'message': 'Erreur interne'}

requeste2 = """UPDATE Utilisateurs SET id_coloc = %s WHERE id = %s"""
con.cursor.execute(requeste2, (id_coloc, id_utilisateur))
# lorsque l'user cree une coloc, il en devient responsable

log = {
    'date': datetime.now(),
    'action': 'creation coloc',
    'id_utilisateur': id_utilisateur,
    'id_coloc': id_coloc
}
logs.db.collection('Logs').add(log)

# FIXME: verifier si les actions passent avant et en fonction commit/rollback ?
con.conn.commit()
```



# IX. Sécurité - Configuration



.env

Security Misconfiguration (Top 5 OWASP 2023)



Uploaded using RayThis Extension

BDD\_NOM=Cooloc

BDD\_PORT=5432

BDD\_HOST=localhost

BDD\_USER=postgres

BDD\_MDP=postgres

JWT=a-string-secret-at-least-256-bits-long

bdd/connexion.py



Uploaded using RayThis Extension



load\_dotenv()

```
con = Bdd(user=os.getenv("BDD_USER"), mdp=os.getenv("BDD_MDP"), nom=os.getenv("BDD_NOM"),
host=os.getenv("BDD_HOST"), port=os.getenv("BDD_PORT"))
```

# IX. Sécurité - Authentification



## Broken Authentication (Top 7 OWASP 2023)

Cooloc / Login/Register / <http://localhost:8000/login>

POST | http://localhost:8000/login

Params Authorization Headers (10) Body Scripts Settings

Body Type: raw

```
1 {
2   "mail": "mathieu@coloc.fr",
3   "mdp": "mathieu coloc@1234",
4   "csrf": "gQS_QLRI1gzS9Fk-hT6ozC-kfwPxx-mQkQUEsJLunQQ"
5 }
6 }
```

Send Cookies Beautify

Body Cookies Headers (8) Test Results

200 OK 329 ms 660 B Save Response

{ } JSON Preview Visualize

```
1 {
2   "status": 200,
3   "data": {
4     "mail": "mathieu@coloc.fr",
5     "role": "responsable",
6     "prenom": "mathieu coloc",
7     "nom": "mathieu coloc",
8     "id_coloc": 27
9   },
10   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJtYWlsIjoiZW1haWwiLCJpY3QiOiJ3bGU1O1JyZXNwb25zY2hpdHJ9.DwIsPh005cxnqAlRZK1xfcQ3q4Pnb6i4U_1zc5xNav8"
11 }
```



# IX. Sécurité - Authentification



login.py



Uploaded using RayThis Extension

```
def create_token(data):
    """
    encode avec l'ago HS256 un token jwt avec le mail & role de l'user

    :param data: dict, infos envoyées par le serveur

    :return: str, token JWT
    """
    return jwt.encode({'mail': data['mail'], 'role': data['role']}, jwt_secret,
                      algorithm=jwt_algo)
```



# IX. Sécurité - Authentification

profil/voir\_profil.py



Uploaded using RayThis Extension

```
def verifier_token(data, token):
    """
    verifie le token JWT fourni par l'user

    :param data: dict, infos infos envoyées par le serveur
    :param token: str, token JWT de l'user

    :return: dict, status et message de la verification du token
    """
    token_decode = jwt.decode(token, jwt_secret, algorithms=[jwt_algo])

    if token_decode['mail'] != data['mail']:
        return {'status': 403, 'message': 'Token KO'}

    return {'status': 200, 'message': 'Token OK'}
```



# IX. Sécurité - CSRF

Cross Site Request Forgery (Top 8 OWASP 2023)

HTTP Cooloc / Login/Register / http://localhost:8000/login

POST http://localhost:8000/login

Save Share Send Cookies Beautify

Params Authorization Headers (10) Body Scripts Settings

Body (raw JSON)

```
1 {  
2   "mail": "mathieu@coloc.fr",  
3   "mdp": "mathieu@coloc@1234"  
4 }
```

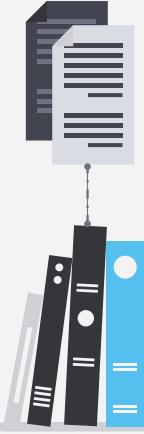
Response

Could not get response

Error: socket hang up | [View in Console](#) | [What's wrong?](#)

[Learn more about troubleshooting API requests](#)

The screenshot shows a browser developer tools interface with the Network tab selected. A single request is listed, showing a POST method to the URL http://localhost:8000/login. The status is 'Error: socket hang up'. Below the status, there are links to 'View in Console' and 'What's wrong?'. At the bottom of the Network tab, there is a link to 'Learn more about troubleshooting API requests'.



# IX. Sécurité - CSRF

login.py



Uploaded using RayThis Extension

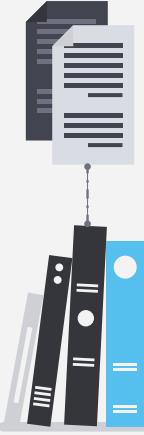
```
def verifier_csrf(data):
    """
    verifie le token CSRF

    :param data: dict, infos envoyées par le serveur

    :return: dict, status et message de la verification du token CSRF
    """
    csrf = data['csrf']

    if not csrf:
        return {'status': 403, 'message': 'CSRF KO'}

    return {'status': 200, 'message': 'CSRF OK'}
```



# IX. Sécurité - CSRF

Login.jsx



Uploaded using RayThis Extension

```
body: JSON.stringify({  
    mail: email,  
    mdp: password,  
    csrf: 'cz6hyCmAUIU7D1htACJKe2HwfE6bqAiksEOYJABM3-Y'  
}),
```



# IX. Sécurité - RGPD



admin/supprimer\_utilisateur.py



Uploaded using RayThis Extension

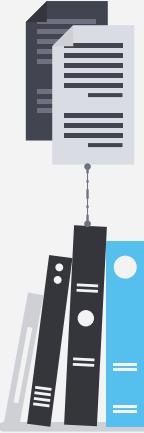
```
requete = """DELETE FROM Utilisateurs WHERE id = %s"""
con.cursor.execute(requete, (data['id_utilisateur_supprime'],))
```

profil/supprimer.py



Uploaded using RayThis Extension

```
requete = """DELETE FROM Utilisateurs WHERE id = %s"""
con.cursor.execute(requete, (id_utilisateur,))
```



# X. DevOps

# X. DevOps - Conteneurisation

## backend/Dockerfile

```
...  
Uploaded using RayThis Extension  
  
FROM python:3.9-slim-bookworm  
WORKDIR /app  
  
RUN pip install uv  
  
COPY backend/requirements.txt backend/requirements.txt  
RUN uv pip install --system -r backend/requirements.txt  
  
COPY . .  
  
EXPOSE 8000  
CMD ["python", "server.py"]
```

## docker-compose

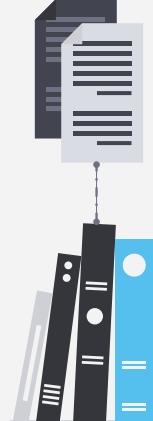
```
...  
Uploaded using RayThis Extension  
  
services:  
  backend:  
    build:  
      context: .  
      dockerfile: backend/Dockerfile  
    ports:  
      - "8000:8000"  
    volumes:  
      - ./backend:/app  
    environment:  
      - ENV=development  
  
  frontend:  
    build:  
      context: .  
      dockerfile: frontend/Dockerfile  
    ports:  
      - "3000:3000"  
    volumes:  
      - ./frontend:/app  
      - /app/node_modules  
    depends_on:  
      - backend
```

## frontend/Dockerfile

```
...  
Uploaded using RayThis Extension  
  
FROM node:20-alpine  
WORKDIR /app  
  
COPY frontend/package*.json ./  
RUN rm -rf node_modules  
RUN npm install  
  
COPY frontend/ .  
RUN npm run build  
  
EXPOSE 3000  
CMD ["npm", "run", "dev"]
```



# X. DevOps - Conteneurisation



The screenshot shows the Docker Desktop interface. On the left, a sidebar lists 'Containers', 'Images', 'Volumes', 'Builds', 'Docker Scout', and 'Extensions'. The main area displays two containers under the project 'cooler': 'cooler-frontend-1' (port 3000) and 'cooler-backend-1' (port 8000). The logs for 'cooler-frontend-1' are shown, detailing a sequence of requests from 172.19.0.1 to the application at [85/May/2025 20:09:34] and internal process ticks. The logs for 'cooler-backend-1' show responses to these requests and internal operations like 'loadAndTransform'. At the bottom, a footer bar includes icons for Engine running, RAM usage (2.74 GB), CPU usage (0.58%), Disk usage (0 GB), and a Terminal tab.

```
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] "GET /Login HTTP/1.1" 404 -
2025-05-05 22:09:34 backend-1 | 172.19.0.1 - - [05/May/2025 20:09:34] code 404, message File not found
2025-05-05 22:09:34 frontend-1 | at process.processTicksAndRejections (node:internal/process/task_queues:95:5)
2025-05-05 22:03:29 frontend-1 | at async file:///app/node_modules/vite/dist/node/chunks/dep-DBxKgDP.js:40594:37
2025-05-05 22:03:29 frontend-1 | at async Promise.all (index:4)
2025-05-05 22:03:29 frontend-1 | at async TransformContext.transform (file:///app/node_modules/vite/dist/node/chunks/dep-DBxKgDP.js:40521:7)
2025-05-05 22:03:29 frontend-1 | at async EnvironmentPluginContainer.transform (file:///app/node_modules/vite/dist/node/chunks/dep-DBxKgDP.js:42204:18)
2025-05-05 22:03:29 frontend-1 | at async loadAndTransform (file:///app/node_modules/vite/dist/node/chunks/dep-DBxKgDP.js:35735:27)
2025-05-05 22:03:29 frontend-1 | 8:03:29 PM [vite] (client) Pre-transform error: Failed to resolve import "react-router-dom" from "src/components/Header.jsx". Does the file exist?
2025-05-05 22:03:29 frontend-1 | Plugin: vite:import-analysis
2025-05-05 22:03:29 frontend-1 | File: ./app/src/components/Header.jsx:28
2025-05-05 22:03:29 frontend-1 | 17 | var _s = $refreshSig();
2025-05-05 22:03:29 frontend-1 | 18 | import './styles/header.css';
2025-05-05 22:03:29 frontend-1 | 19 | import { useNavigate } from 'react-router-dom';
2025-05-05 22:03:29 frontend-1 | 20 | const Header = () => {
2025-05-05 22:03:29 frontend-1 | 21 |   ...
2025-05-05 22:04:49 frontend-1 | > cooler@0.0.0 dev
2025-05-05 22:04:49 frontend-1 | > vite
2025-05-05 22:04:49 frontend-1 |
2025-05-05 22:04:49 frontend-1 | VITE v6.3.5 ready in 272 ms
2025-05-05 22:04:49 frontend-1 | → Local: http://localhost:3000/
2025-05-05 22:04:49 frontend-1 | → Network: http://172.19.0.3:3000/
2025-05-05 22:06:27 frontend-1 | > cooler@0.0.0 dev
2025-05-05 22:06:27 frontend-1 | > vite
2025-05-05 22:06:27 frontend-1 |
2025-05-05 22:06:28 frontend-1 | VITE v6.3.5 ready in 239 ms
2025-05-05 22:06:28 frontend-1 | → Local: http://localhost:3000/
2025-05-05 22:06:28 frontend-1 | → Network: http://172.19.0.3:3000/
2025-05-05 22:06:28 frontend-1 |
```

# X. DevOps - Tests & validations

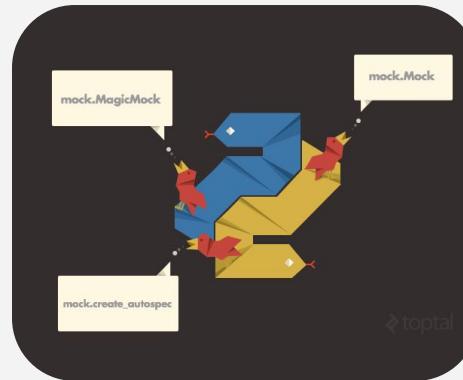


Uploaded using RayThis Extension

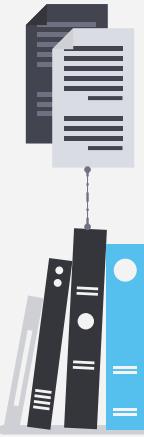
```
import pytest
from unittest.mock import MagicMock, patch

@pytest.fixture(autouse=True)
def mock_firebase():
    with patch('firebase_admin.initialize_app') as mock_init, \
        patch('firebase_admin.credentials.Certificate') as mock_cert, \
        patch('firebase_admin.firebaseio') as mock_firestore, \
        patch('psycopg2.connect') as mock_connect:

        mock_db = MagicMock()
        mock_firestore.client.return_value = mock_db
        mock_cert.return_value = MagicMock()
        mock_connect.return_value = MagicMock()
        yield {
            'init': mock_init,
            'cert': mock_cert,
            'firebase': mock_firestore,
            'db': mock_db,
            'connect': mock_connect
        }
```



POST	http://localhost:8000/login
POST	http://localhost:8000/register
GET	SEL - Voir les utilisateurs d'une c...
GET	SEL - Voir les tâches dispos
GET	SEL - Voir les tâches complètes
GET	SEL - Voir mes tâches
GET	SEL - Voir les infos coloc
POST	INS - Création d'une coloc
POST	INS - Création d'une tâche
POST	DEL - Supprimer Coloc
POST	DEL - Supprimer Tâches
PUT	MAJ - Nom coloc
PUT	MAJ - Nom tache
PUT	MAJ - Clôturer tache
PUT	MAJ - S'attribuer une tache
PUT	MAJ - Ajouter coloc
PUT	MAJ - Supprimer un coloc
GET	SEL - Profil
PUT	MAJ - Role
PUT	MAJ - Tel
PUT	MAJ - Profil
GET	SEL - Voir toutes les logs
POST	DEL - Supprimer une logs



# X. DevOps - SonarQube & GitHub Actions

All workflows

Showing runs from all workflows

8 workflow run results

- ✓ Update notes.md Build and SonarCloud Analysis #38: Commit e40589a pushed by MathieuAudibert
- ✓ Update notes.md Build and SonarCloud Analysis #37: Commit 1475dd1 pushed by MathieuAudibert
- ✓ Update notes.md Build and SonarCloud Analysis #36: Commit 5b52de0 pushed by MathieuAudibert
- ✓ Update notes.md Build and SonarCloud Analysis #35: Commit 30de983 pushed by MathieuAudibert
- ✓ Update notes.md Build and SonarCloud Analysis #34: Commit 9129580 pushed by MathieuAudibert
- ✓ Update notes.md Build and SonarCloud Analysis #33: Commit b4662b8 pushed by MathieuAudibert
- ✓ docs: sonarqube & git actions OK Build and SonarCloud Analysis #32: Commit 67cfe4f pushed by MathieuAudibert
- ✓ ci: app.test Build and SonarCloud Analysis #31: Commit 0c13897 pushed by MathieuAudibert



GitHub Actions

SonarQube

My Projects My Issues Explore

Event Status Branch Actor

Upgrade

Cap92 > Cooloc > Overview

Cooloc

Public

Overview Main Branch Pull Requests Branches

No tags Last analysis 14 Apr 2025 221 Lines of Code

● CSS ● JavaScript ● Docker ● HTML

Main Branch Status Quality Gate Passed Enjoy your sparkling clean code!

Main Branch Evolution since 2 months ago 1 Issues = Issues Coverage Duplications

See Full Analysis See full history

Information Administration Collapse

Latest Activity NEW ANALYSIS Main Branch Passed

# X. DevOps - Documentation technique



http://localhost:8000/swagger-ui/index.html

Swagger 2.0.19

Cooloc API REST de gestion de colocations

Servers

http://localhost:8000 - Serveur python local

**Authentification**

- POST /login Connexion
- POST /register Inscription

**Colocation**

- GET /coloc/utilisateurs/voir Voir les utilisateurs d'une colocat
- GET /coloc/voir Voir les informations d'une colocat
- POST /coloc/creer Crée une colocat
- POST /coloc/supprimer Supprimer une colocat
- PUT /coloc/nom/nom Modifier le nom d'une colocat
- PUT /coloc/utilisateurs/sjouter Ajouter des utilisateurs à une colocat

**Utilisateur**

- GET /profil/voir Voir son profil
- PUT /role/nom Mettre son rôle
- PUT /profil/nom Mettre son profil

**Administration**

- GET /adm/utilisateurs/voir Voir tous les utilisateurs
- PUT /adm/utilisateurs/nom Mettre un utilisateur
- POST /adm/utilisateurs/supprimer Supprimer un utilisateur
- GET /adm/logs Voir les logs de l'application
- POST /adm/logs/supprimer Supprimer un log

**Tâches**

- GET /coloc/taches/voir Voir toutes les tâches de la colocat (non clôturé)
- GET /coloc/taches/mesmes Voir les tâches attribuées à l'utilisateur connecté
- GET /coloc/taches/voir\_complet Voir les tâches clôturées (à terminer)
- POST /coloc/taches/creation Entrer une tâche
- PUT /coloc/taches/attribuer Attribuer une tâche à un utilisateur
- PUT /coloc/taches/cloturer Clôturer une tâche

## Administration

GET /adm/utilisateurs/voir Voir tous les utilisateurs

Parameters

Name	Description
token * required	string (query)
csrf * required	string (query)
role * required	Available values : admin string (query)
mail * required	string (query)

Responses

Code	Description	Links
200	Liste des utilisateurs récupérée	No links
403	Token invalide ou CSRF invalide ou rôle insuffisant	No links

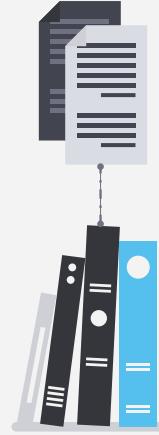
Media type: application/json  
Content Accept header: Example Value: Schema

```
{ "status": 0, "data": [ { "id": 1, "mail": "string", "nom": "string", "prenom": "string", "role": "string", "taches": "string", "date_creation": "2021-07-02T14:02:55.778Z", "date_modification": "string", "id_categorie": 1 } ] }
```

# XI. Points d'améliorations

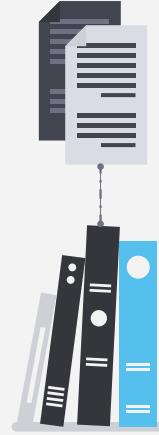
# XI. Points d'améliorations - Champs

- ❖ Champs + stricts
- ❖ Contrôles sur **TOUS** les champs



# XI. Points d'améliorations - Tokens

- ❖ Pas d'expiration
- ❖ Génération tokens CSRF



# XII. Conclusion

# Merci

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