

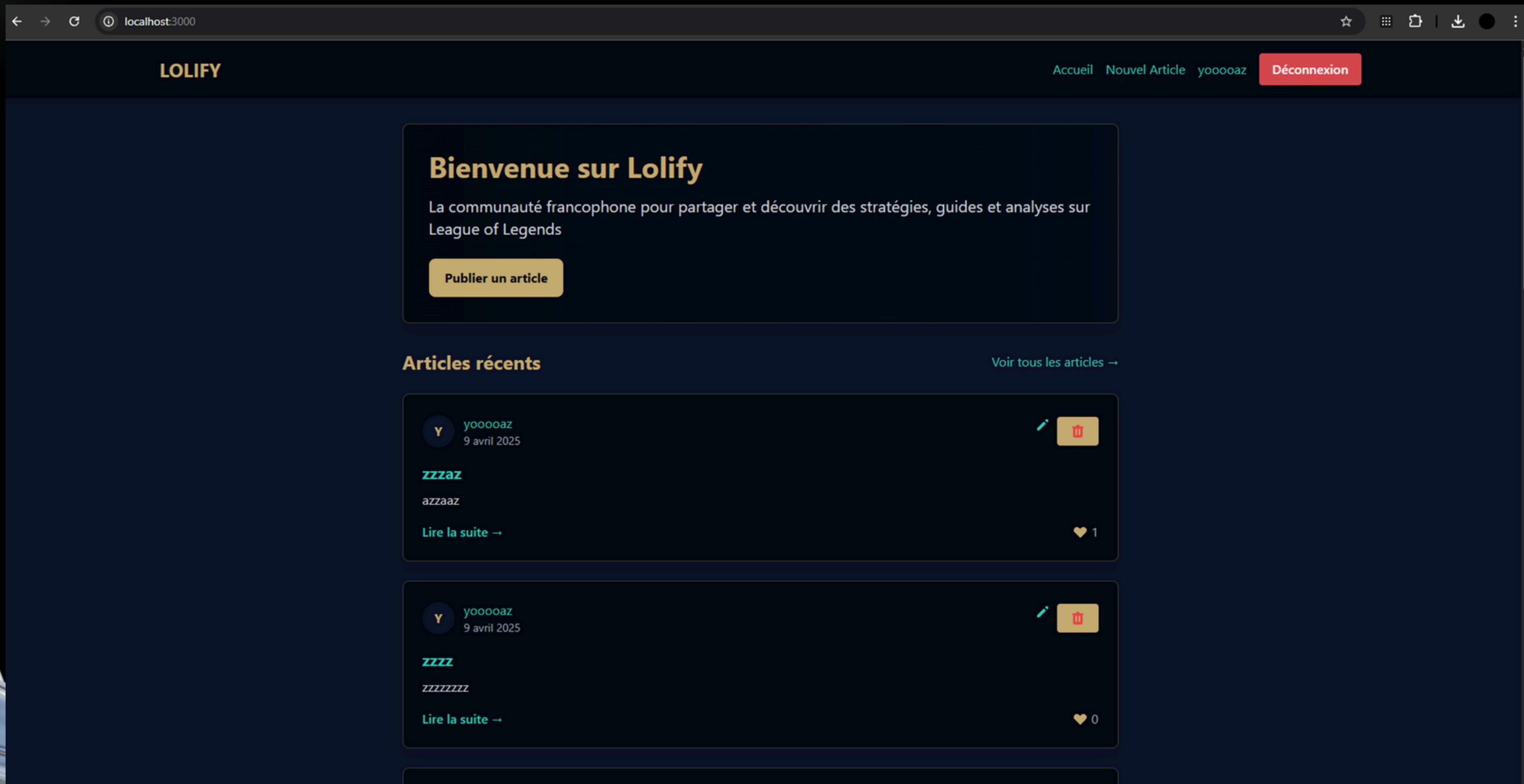
# PROJET GRAPHQL

PRESÉNTATION

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# INTRODUCTION

Nous avons créé un site qui possède la structure de base d'un réseau social.



# FONCTIONNALITÉS

Concernant les diverses fonctionnalités, on retrouve :

- Crédit de compte.
- Connexion à un compte.
- Suppression d'un compte.
- Modification des informations d'un compte (username, email, password).
- Crédit d'articles comprenant un titre et un contenu textuel.
- Suppression d'article
- Possibilité de liker et commenter un article
- Suppression du like et du commentaire d'un article
- Recherche d'un article grâce à son nom / contenu
- Recherche d'un article grâce au nom de son auteur
- Filtrage des articles du plus récent au plus vieux et inversement
- Filtrage des articles du plus gros nombre de like au moins gros et inversement

# TECHNOLOGIES

## Backend :

- Prisma : Gestion de la base de données (ORM pour SQLite)
- Apollo Server : Serveur GraphQL pour gérer les requêtes API
- TypeScript : Typage statique pour sécuriser le code (en mode strict)
- JWT (jsonwebtoken) : Authentification afin de gérer les tokens
- bcryptjs : Hachage des mots de passe
- Express : Serveur HTTP, middleware
- GraphQL Codegen : Génération automatique des types TypeScript
- Jest : Tests unitaires
- ESLint : Linting pour tester la qualité du code

## Frontend :

- React : Framework UI
- Apollo Client : Client GraphQL pour la gestion des requêtes
- React Router : Navigation pour la gestion des routes
- TypeScript
- Tailwind

## Base de données :

- SQLite : Base de données relationnelle
- Prisma Schema : Définition du modèle de données



# GIT

Nous avons opté pour une branche principale “main”.

Nous avons travaillé chacun sur des branches différentes.

Une fois les modifications terminées, nous mergeons dans main et ainsi de suite.

| Graph | Description  | Date              | Author   | Commit   |
|-------|--|-------------------|----------|----------|
|       | Merge branch 'main' into flo-features  | 10 Apr 2025 15:24 | BuuurnZ  | 4188c6ec |
|       | o Merge branch 'origin' into main  | 9 Apr 2025 15:06  | Tibo1310 | 5da17cde |
|       | non nullable user  | 9 Apr 2025 14:44  | Tibo1310 | b6c620f1 |
|       | styles   | 9 Apr 2025 14:40  | Tibo1310 | 4a0628ca |
|       | sort by like number  | 9 Apr 2025 14:32  | Tibo1310 | 794d6cda |
|       | remove comments working visually + backend                                     | 9 Apr 2025 14:23  | Tibo1310 | c1857d83 |
|       | search by aauthor  | 9 Apr 2025 12:08  | BuuurnZ  | b9013359 |
|       | Merge branch 'backtibo' into flo-features                                      | 9 Apr 2025 12:07  | Tibo1310 | d296f0a3 |
|       | sort by working fine   | 9 Apr 2025 12:06  | BuuurnZ  | 00c5ac3f |
|       | Résolution du conflit dev.db — version de backtibo conservée                   | 9 Apr 2025 11:59  | Tibo1310 | b20986f7 |
|       | like feature working fine  | 9 Apr 2025 11:51  | BuuurnZ  | 65dbc1ba |
|       | Résolution de conflit : prendre la version de backtibo                         | 9 Apr 2025 11:49  | BuuurnZ  | c702f5e3 |
|       | Merge branch 'backtibo' into flo-features                                      | 9 Apr 2025 11:44  | Tibo1310 | 9a672101 |
|       | edit article working fine  | 9 Apr 2025 11:40  | Tibo1310 | 8d2c21d8 |
|       | article details working  | 9 Apr 2025 11:35  | Tibo1310 | 1cfa2692 |
|       | fix bug articles profile see only our article                                  | 9 Apr 2025 11:30  | Tibo1310 | afe4a59c |
|       | delete articles working  | 9 Apr 2025 11:27  | BuuurnZ  | ddba02ae |
|       | Merge branch 'backtibo' into flo-features                                      | 9 Apr 2025 11:19  | Tibo1310 | b109fa87 |
|       | profile page   | 9 Apr 2025 11:06  | Tibo1310 | 90c9befa |
|       | search articles  | 9 Apr 2025 10:50  | BuuurnZ  | 2ca6f10d |
|       | Merge branch 'backtibo' into flo-features                                      | 9 Apr 2025 10:47  | Tibo1310 | 9ec16324 |
|       | crud working authentification  | 9 Apr 2025 10:37  | BuuurnZ  | 37b20c43 |
|       | test   | 9 Apr 2025 10:36  | BuuurnZ  | ced355c5 |
|       | commit   | 9 Apr 2025 10:06  | Tibo1310 | 5c0d8551 |
|       | Merge branch 'initialisation': Resolve .gitignore conflicts                    | 9 Apr 2025 10:05  | Tibo1310 | 2638f90a |
|       | merge branch   | 9 Apr 2025 10:00  | Tibo1310 | 2e666b7b |
|       | initialisation test crud   | 9 Apr 2025 09:29  | Tibo1310 | eae40999 |
|       | fix build errors   | 19 Mar 2025 17:29 | Tibo1310 | bd15c301 |
|       | front  | 19 Mar 2025 17:17 | Tibo1310 | 8f0d4863 |
|       | Installation et configuration du serveur GraphQL et du client React            | 19 Mar 2025 16:54 | Tibo1310 | 25ef18e3 |
|       | Mise à jour du README, ajout de .gitignore et création de la structure de base | 19 Mar 2025 16:47 | Tibo1310 | fd98e3e4 |
|       | test commit  | 19 Mar 2025 16:45 | Tibo1310 | 434160e6 |
|       | Initial commit: ajout du README.md   |                   |          |          |

# URLS

<http://localhost:4000/graphql>

Serveur GraphQL pour le backend

Interface GraphQL Playground pour tester les requêtes

Point d'entrée pour toutes les requêtes API

<http://localhost:3000>

Application Frontend en développement

Interface utilisateur principale

**Accès à toutes les fonctionnalités (articles, commentaires, likes)**

<http://localhost:4173>

Version de production du Frontend

Même interface mais optimisée pour la production

<http://localhost:5555>

Prisma Studio

Interface d'administration de la base de données

Visualisation et modification directe des données

# GRAPHQL

<http://localhost:4000/graphq>

Pour y accéder :

- npm run dev sur \lolproject

The screenshot shows the GraphQL playground interface at <http://localhost:4000/graphq>. The left sidebar shows the schema structure with a 'Query' section containing fields like article, articles, comments, me, user, and users. The main area displays a mutation named 'LoginUser' with the following code:

```
1 mutation LoginUser {
2   login(input: {
3     email: "test@example.com",
4     password: "password123"
5   }) {
6     token
7     user {
8       id
9       username
10      email
11    }
12  }
13}
```

A red arrow points from the 'token' field in the mutation code to the 'token' field in the JSON response. The response shows a valid JWT token.

Response:

```
{
  "data": {
    "login": {
      "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VycHJpY2lzNWNiYTVjMS01MDA5LTQ1NDgtYTIyMy04OTY3YzNjNDI4MTMiLCJpYXQiOjE3NDQyMDE0NjEsImV4cCI6MTc0NDgwNjI2MX0.d_2U2PCWgywlCionFCV6xclLeu3SSbPoOF-aWfyyNQI",
      "user": {
        "id": "35cba5c1-5009-4548-a223-8967c3c42813",
        "username": "testuser",
        "email": "test@example.com"
      }
    }
  }
}
```

Ici, on observe que le token est bien généré grâce à `generateToken(user)`.  
L'authentification de l'utilisateur est ainsi validée.

# GRAPHQL

<http://localhost:4000/graphq>

The screenshot shows a GraphQL playground interface with the following details:

- Operation:** LoginUser
- Request (Mutation):**

```
1 mutation LoginUser {  
2   login(input: {  
3     email: "MAUVAISUSER@example.com",  
4     password: "password123"  
5   }) {  
6     token  
7     user {  
8       id  
9       username  
10      email  
11    }  
12  }  
13 }
```

A red arrow points from the text "Lorsque les identifiants ne correspondent à aucun compte, on renvoie bien l'erreur." to the "email" field in the mutation input.
- Response:**

```
{  
  "errors": [  
    {  
      "message": "Email ou mot de passe incorrect",  
      "locations": [  
        {  
          "line": 2,  
          "column": 3  
        }  
      ],  
      "path": [  
        "login"  
      ],  
      "extensions": {  
        "code": "INTERNAL_SERVER_ERROR",  
        "stacktrace": [  
          "Error: Email ou mot de passe incorrect",  
          "    at Object.login  
          (C:\\\\Users\\\\thiba\\\\Desktop\\\\lolproject\\\\server\\\\src\\\\resolvers\\\\user.ts:94:15)"  
        ]  
      }  
    },  
    {  
      "message": "Email ou mot de passe incorrect",  
      "locations": [  
        {  
          "line": 2,  
          "column": 3  
        }  
      ],  
      "path": [  
        "login"  
      ],  
      "extensions": {  
        "code": "INTERNAL_SERVER_ERROR",  
        "stacktrace": [  
          "Error: Email ou mot de passe incorrect",  
          "    at Object.login  
          (C:\\\\Users\\\\thiba\\\\Desktop\\\\lolproject\\\\server\\\\src\\\\resolvers\\\\user.ts:94:15)"  
        ]  
      }  
    }  
  ],  
  "data": null  
}
```

**Lorsque les identifiants ne correspondent à aucun compte, on renvoie bien l'erreur.**

Pour y accéder :

- cd server
- npx prisma studio

# PRISMA STUDIO

<http://localhost:5555>

localhost:5555

Article X User X +

Données des articles

Filters None Fields All Showing 8 of 8 Add record

|  | id A                       | title A  | content A    | createdAt □              | updatedAt □              | authorId A                 | author {} | comments [] | likes [] |
|--|----------------------------|----------|--------------|--------------------------|--------------------------|----------------------------|-----------|-------------|----------|
|  | 314bdcd2-cf27-4c61-b34d... | azazazaz | azazazazazaz | 2025-04-09T08:54:18.216Z | 2025-04-09T08:54:18.216Z | 10a31ca5-dd73-47f4-a006... | User      | 0 Comment   | 0 Like   |
|  | 449116ad-115c-41a5-a70b... | zzzaz    | azzaaz       | 2025-04-09T12:13:11.360Z | 2025-04-09T12:13:11.360Z | 9160346c-e692-4803-bd66... | User      | 0 Comment   | 1 Like   |
|  | 5c201e91-9a84-40ef-98e7... | tibo     | azzaazaz     | 2025-04-09T08:54:50.421Z | 2025-04-09T08:54:50.421Z | 10a31ca5-dd73-47f4-a006... | User      | 0 Comment   | 0 Like   |
|  | 746b83ba-bcfe-415f-89ed... | aaaa     | zzz          | 2025-04-09T12:12:28.191Z | 2025-04-09T12:12:28.191Z | 9160346c-e692-4803-bd66... | User      | 0 Comment   | 1 Like   |
|  | a0b2f453-df36-49fc-b16b... | aaaaaa   | aaaaaaaaa    | 2025-04-09T09:31:48.409Z | 2025-04-09T09:31:48.409Z | 0b2abc25-6577-41b7-b652... | User      | 0 Comment   | 0 Like   |
|  | cb0db3d2-1a0e-436e-ae9a... | azaz     | zzazza       | 2025-04-09T09:49:55.638Z | 2025-04-09T09:49:55.638Z | 9160346c-e692-4803-bd66... | User      | 0 Comment   | 1 Like   |

Grâce à Prisma Studio, nous pouvons observer toutes les données et interagir avec elles directement.

localhost:5555

Article X User X +

Données des users

Filters None Fields All Showing 6 of 6 Add record

|  | id A                       | username A | email A          | password A                    | createdAt □              | avatar A? | articles [] | comments [] | likes [] |
|--|----------------------------|------------|------------------|-------------------------------|--------------------------|-----------|-------------|-------------|----------|
|  | 0b2abc25-6577-41b7-b652... | jon        | jon@gmail.com    | \$2a\$10\$w2nPbnFqe.2qP5XD... | 2025-04-09T09:31:25.454Z | null      | 1 Article   | 0 Comment   | 0 Like   |
|  | 10a31ca5-dd73-47f4-a006... | Tibo       | tibo@gmail.com   | \$2a\$10\$juPTWnx.20Bz2ejX... | 2025-04-09T08:45:29.332Z | null      | 2 Article   | 0 Comment   | 0 Like   |
|  | 2adc3d82-9130-4f39-93af... | yooo       | yoo@gmail.com    | \$2a\$10\$V59cwEzSLtilmPUW... | 2025-04-09T09:14:02.851Z | null      | 0 Article   | 0 Comment   | 0 Like   |
|  | 35cba5c1-5009-4548-a223... | testuser   | test@example.com | \$2a\$10\$IqTYbutZfQz6NCfo... | 2025-04-09T07:57:38.738Z | null      | 0 Article   | 0 Comment   | 0 Like   |
|  | 721d7b35-7002-4a73-bab4... | damn       | damn@gmail.com   | \$2a\$10\$RmpaSF8SRAttjgLa... | 2025-04-09T09:32:07.968Z | null      | 1 Article   | 1 Comment   | 1 Like   |
|  | 9160346c-e692-4803-bd66... | yooooaz    | yoa@gmail.com    | \$2a\$10\$ApsnAdKKL05JP2qd... | 2025-04-09T09:49:46.476Z | null      | 4 Article   | 0 Comment   | 3 Like   |

# PRISMA STUDIO

http://localhost:5555

localhost:5555

Article X User X Comment X +

Données des commentaires

C Filters None Fields All Showing 1 of 1 Add record

|  | id A                       | content A  | createdAt □              | updatedAt □              | authorId A                 | author {} | articleId A                | article {} |
|--|----------------------------|------------|--------------------------|--------------------------|----------------------------|-----------|----------------------------|------------|
|  | 89dea0e0-421b-49a5-89cf... | yooooooooo | 2025-04-09T09:40:19.420Z | 2025-04-09T09:40:19.420Z | 721d7b35-7002-4a73-bab4... | User      | ce8080e6-e0fe-4e1e-b035... | Article    |

localhost:5555

Article X User X Comment X Like X +

Données des likes

C Filters None Fields All Showing 4 of 4 Add record

|  | id A                       | createdAt □              | userId A                   | user {} | articleId A                | article {} |
|--|----------------------------|--------------------------|----------------------------|---------|----------------------------|------------|
|  | 2ae30ed7-fb45-42e7-bfe6... | 2025-04-09T12:29:45.764Z | 9160346c-e692-4803-bd66... | User    | 746b83ba-bcfe-415f-89ed... | Article    |
|  | 5a986231-9a27-45d7-9e2c... | 2025-04-09T12:54:13.627Z | 9160346c-e692-4803-bd66... | User    | 449116ad-115c-41a5-a70b... | Article    |
|  | 73253b5d-d1a1-4468-a137... | 2025-04-09T09:49:10.130Z | 721d7b35-7002-4a73-bab4... | User    | ce8080e6-e0fe-4e1e-b035... | Article    |
|  | c5a95197-4678-4716-b405... | 2025-04-09T12:01:15.480Z | 9160346c-e692-4803-bd66... | User    | cb0db3d2-1a0e-436e-ae9a... | Article    |

Pour y accéder :

- npm run dev sur \lolproject

# INTERFACE WEB

<http://localhost:3000>

The screenshot shows a web browser window for 'localhost:3000'. The title bar says 'localhost:3000'. The header includes a 'LOLIFY' logo, a navigation bar with 'Accueil', 'Nouvel Article', 'yooooaz', and a red 'Déconnexion' button, and a search bar.

**L'utilisateur est connecté donc on propose de publier un article**

**Bienvenue sur Lolify**  
La communauté francophone pour partager et découvrir des stratégies, guides et analyses sur League of Legends

[Publier un article](#)

**Articles récents**

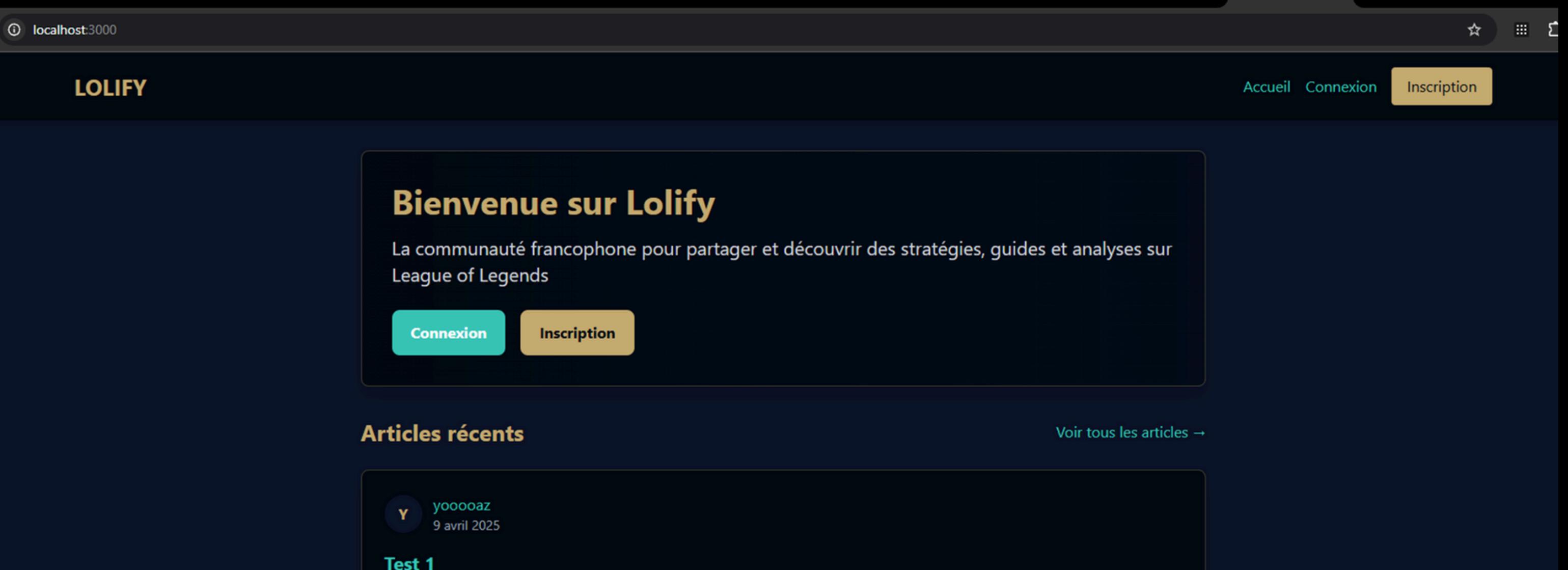
**yooooaz** 9 avril 2025  
**zzzaz**  
azzaaz  
[Lire la suite →](#)

**yooooaz** 9 avril 2025  
**zzzz**  
zzzzzzzz  
[Lire la suite →](#)

[Voir tous les articles →](#)

# Homepage

<http://localhost:3000>

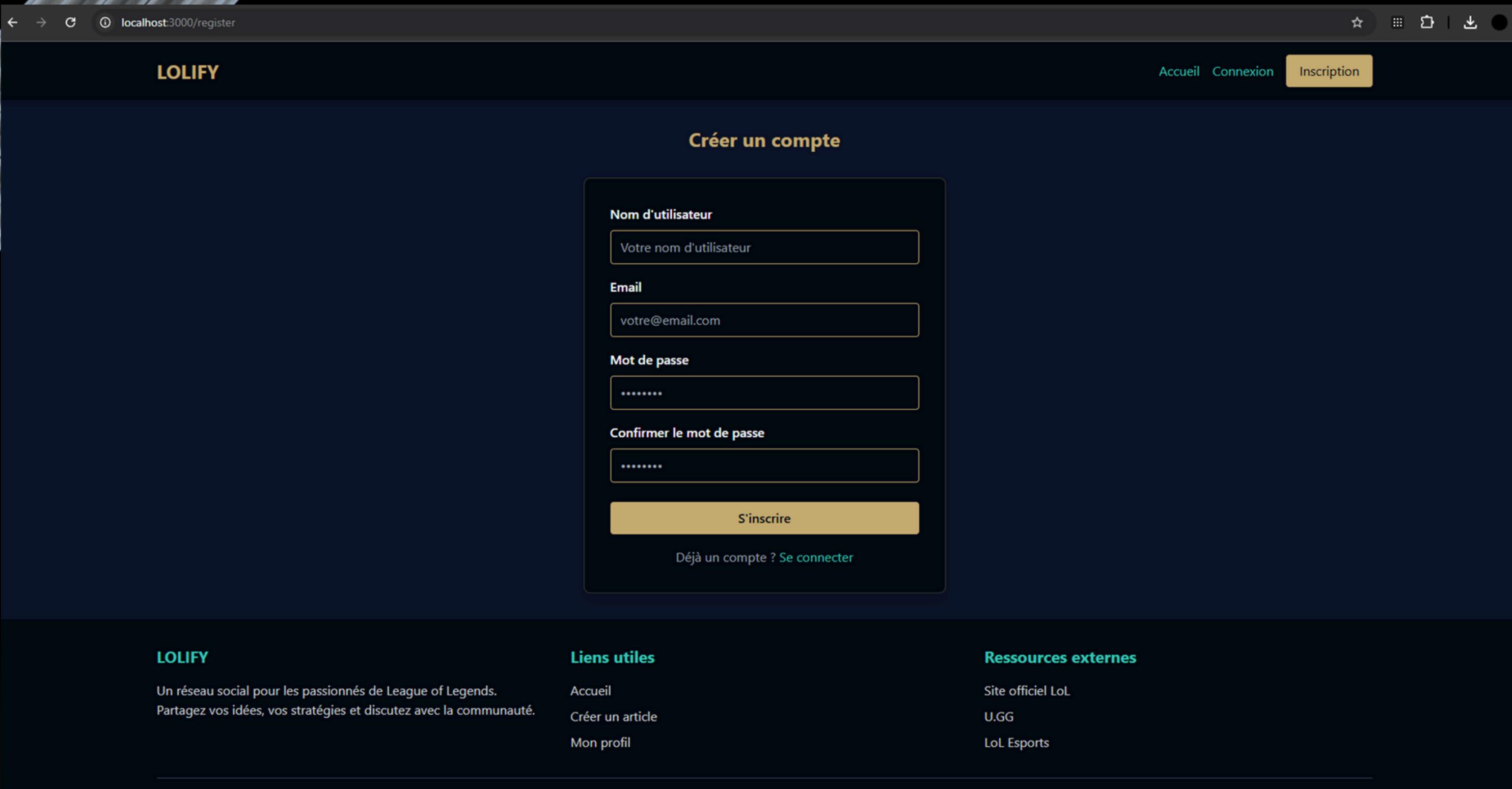


The screenshot shows a web browser window with the URL "localhost:3000" in the address bar. The page has a dark blue header with the word "LOLIFY" in orange. In the top right corner of the header are three buttons: "Accueil" (white text on a dark background), "Connexion" (white text on a light background), and "Inscription" (white text on a light background). Below the header is a large central box with a dark blue background and a thin black border. Inside this box, the word "Bienvenue sur Lolify" is written in white. Below it, a description reads: "La communauté francophone pour partager et découvrir des stratégies, guides et analyses sur League of Legends". At the bottom of this box are two buttons: "Connexion" (teal background) and "Inscription" (light orange background). Below this main box, the page continues with a section titled "Articles récents" in orange. It shows a single article by a user named "yooooaz" from "9 avril 2025" with the title "Test 1". To the right of this section is a link "Voir tous les articles →".

L'utilisateur n'est pas connecté donc on propose de se connecter ou s'inscrire.

# INSCRIPTION

<http://localhost:3000/register>



The screenshot shows a web browser window with the URL [localhost:3000/register](http://localhost:3000/register) in the address bar. The page has a dark blue header with the word "LOLIFY" in red. In the top right corner, there are three buttons: "Accueil" (Home), "Connexion" (Login), and "Inscription" (Registration), with "Inscription" being highlighted. Below the header, the main content area has a title "Créer un compte" (Create an account) in white. A large rectangular form is centered on the page, containing fields for "Nom d'utilisateur" (Username), "Email", "Mot de passe" (Password), and "Confirmer le mot de passe" (Confirm password). Each field has a placeholder text: "Votre nom d'utilisateur", "votre@email.com", ".....", and ".....". Below the password fields is a yellow "S'inscrire" (Sign up) button. At the bottom of the form, there is a link "Déjà un compte ? Se connecter" (Already have an account? Log in). The footer of the page is also dark blue and contains sections for "LOLIFY" (with a brief description), "Liens utiles" (useful links like Accueil, Create article, My profile), and "Ressources externes" (external links like LoL official site, U.GG, LoL Esports).

LOLIFY

Un réseau social pour les passionnés de League of Legends.  
Partagez vos idées, vos stratégies et discutez avec la communauté.

Liens utiles

Accueil  
Créer un article  
Mon profil

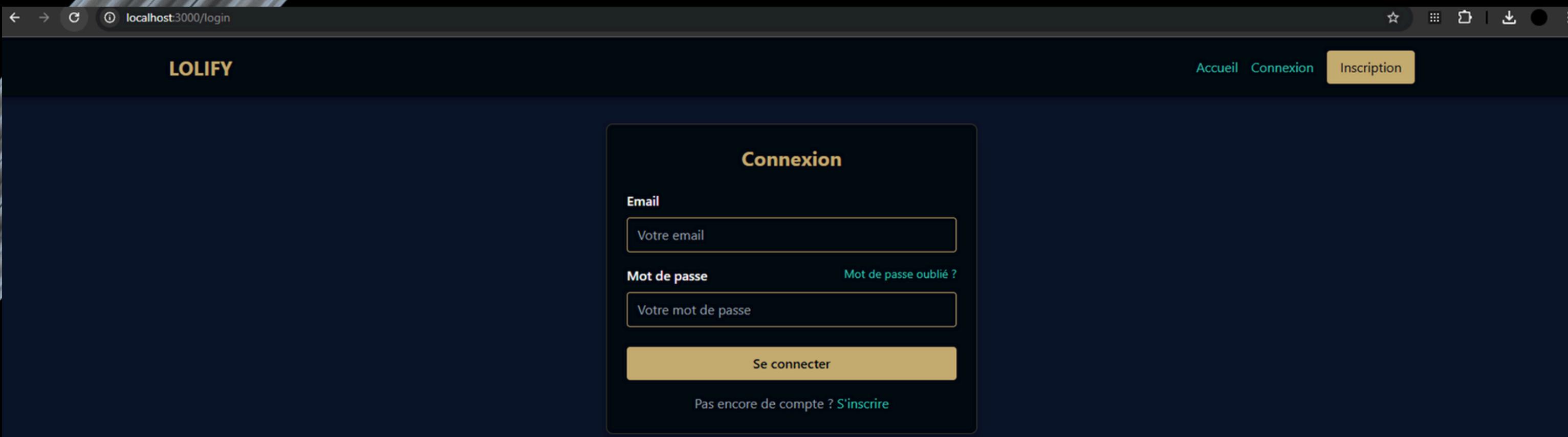
Ressources externes

Site officiel LoL  
U.GG  
LoL Esports

On peut s'enregistrer ici avec username, email et mot de passe.

# CONNEXION

<http://localhost:3000/login>



The screenshot shows a dark-themed web browser window with a login form. The address bar at the top displays "localhost:3000/login". The main content area features a dark background with a central light-colored login box. The box has a title "Connexion" and fields for "Email" (placeholder "Votre email") and "Mot de passe" (placeholder "Votre mot de passe"). It includes a "Se connecter" button and links for password recovery ("Mot de passe oublié ?") and registration ("Pas encore de compte ? S'inscrire"). At the top of the page, there's a navigation bar with "LOLIFY" on the left, and "Accueil" and "Connexion" links on the right, with "Inscription" in a separate button.

## LOLIFY

Un réseau social pour les passionnés de League of Legends.  
Partagez vos idées, vos stratégies et discutez avec la communauté.

## Liens utiles

[Accueil](#)  
[Créer un article](#)  
[Mon profil](#)

## Ressources externes

[Site officiel LoL](#)  
[UGG](#)  
[LoL Esports](#)

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**On peut se connecter ici avec email et mot de passe.**

# PROFIL

<http://localhost:3000/profile/username>

The screenshot shows a web browser window with the URL [localhost:3000/profile/yooooaz](http://localhost:3000/profile/yooooaz). The page has a dark blue header with the word "LOLIFY" in yellow. Below the header, there's a profile card for "yooooaz" featuring a teal circular icon with a white letter "Y", the name "yooooaz", the email "yoa@gmail.com", and the text "Membre depuis 9 avril 2025". There are two buttons: "Modifier le profil" (Edit profile) in green and "Supprimer le compte" (Delete account) in red. The main content area is titled "Articles publiés" (Published articles) and includes sorting options "Plus récents" (Recent first) and "Nouvel article" (New article). Three articles are listed:

- Test 1** (published by yooooaz on April 9, 2025)  
Content: Bonjour, c'est le test de l'article 1 ! EFREI  
Actions: Edit, Delete, Like (1)
- zzzaz** (published by yooooaz on April 9, 2025)  
Content: azzaaz  
Actions: Edit, Delete, Like (1)
- zzzz** (published by yooooaz on April 9, 2025)  
Content: zzzzz  
Actions: Edit, Delete

On peut voir les informations de notre profil ici ainsi que les articles que l'on a publié et les trier selon l'ancienneté.

# CONNEXION

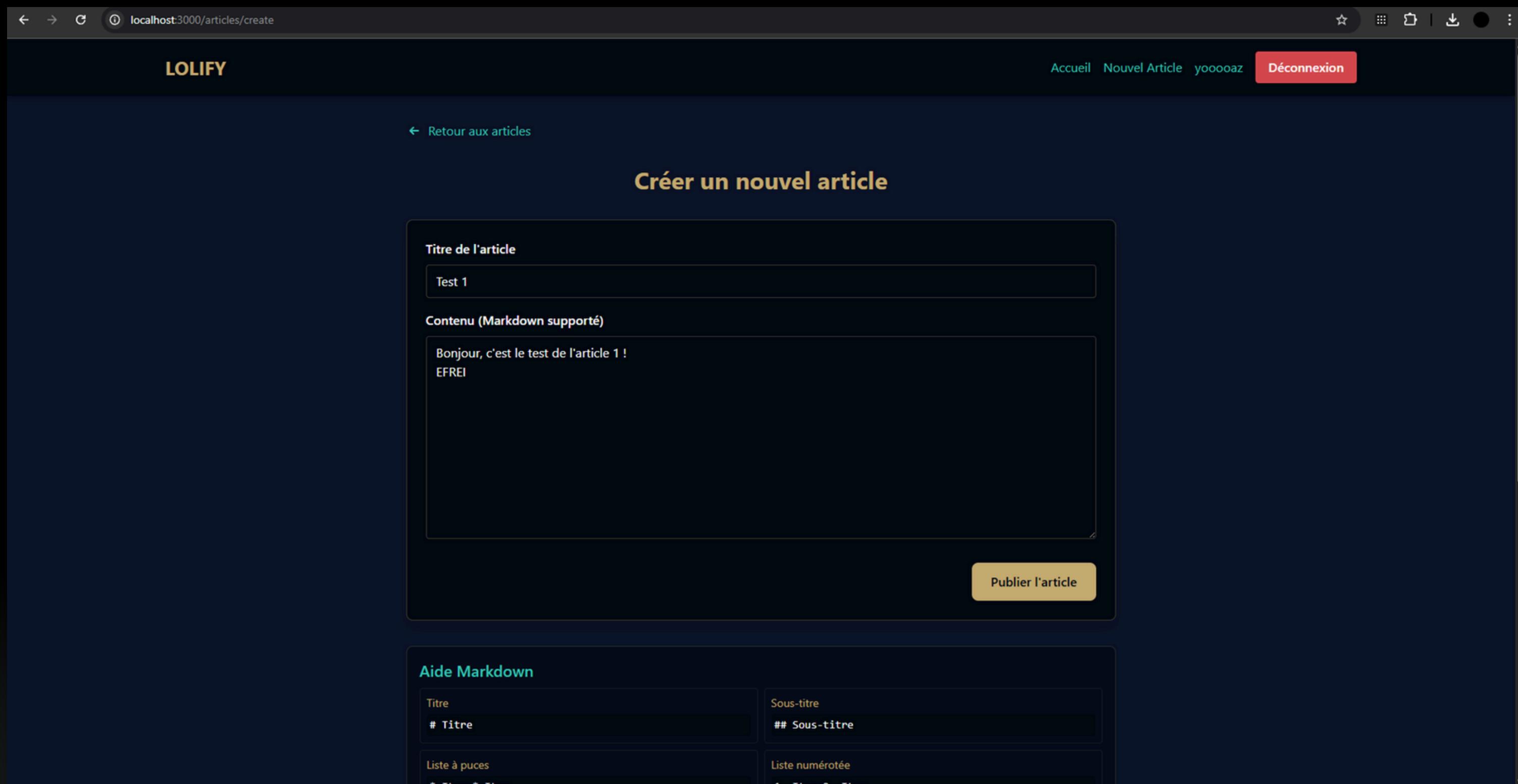
<http://localhost:3000/profile/username>

The screenshot shows a web application interface for a user named "yooooaz". At the top, there is a navigation bar with links for "Accueil", "Nouvel Article", and "yooooaz", along with a "Déconnexion" button. The main content area has a dark background. On the left, a modal window titled "LOLIFY" allows the user to edit their profile information. It contains fields for "Nom d'utilisateur" (yooooaz), "Email" (yoa@gmail.com), "Mot de passe actuel" (empty), and "Nouveau mot de passe (optionnel)" (empty). Below the modal are two buttons: "Annuler" (Cancel) and "Enregistrer" (Save). To the right of the modal, under the heading "Articles publiés", is a list of two articles by the user "yooooaz" from "9 avril 2025". The first article is titled "Test 1" and contains the text "Bonjour, c'est le test de l'article 1 ! EFREI". There is a link "Lire la suite →" and a section for interactions with 1 like and 1 comment. The second article is partially visible with the title "77727". Above the article list are two buttons: "Plus récents" (Recent) and "Nouvel article" (New Article).

On peut modifier les informations de notre profil sur cette même page.

# CREATION D'ARTICLES

<http://localhost:3000/articles/create>



On peut créer un article en cliquant sur le bouton pour créer un article depuis profile ou depuis la homepage.

# VISIBILITÉ

<http://localhost:3000>

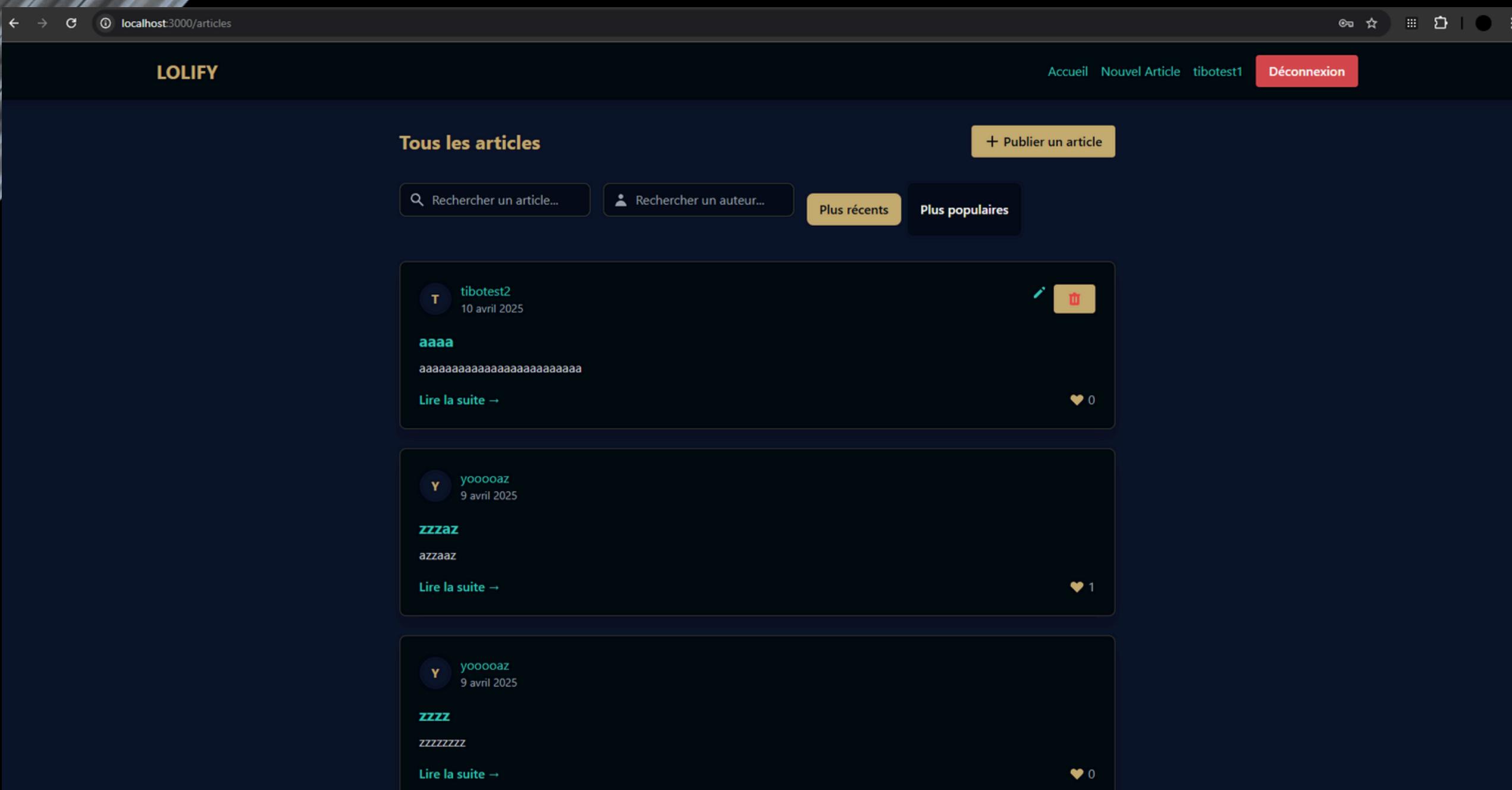
The screenshot shows a web browser window with the URL 'localhost:3000'. The page has a dark blue header with the text 'LOLIFY' in orange. On the right side of the header are links for 'Accueil', 'Nouvel Article', 'yooooaz' (the current user), and 'Déconnexion'. Below the header is a large central box with a dark background and rounded corners. It contains the text 'Bienvenue sur Lolify' in white, followed by a subtitle 'La communauté francophone pour partager et découvrir des stratégies, guides et analyses sur League of Legends'. At the bottom of this box is a yellow button labeled 'Publier un article'. Below this box, the main content area has a dark background. It features a section titled 'Articles récents' on the left and a link 'Voir tous les articles →' on the right. There are two cards displayed. The first card is for an article by 'yooooaz' from '9 avril 2025' titled 'Test 1'. The text reads 'Bonjour, c'est le test de l'article 1 ! EFREI' and there is a link 'Lire la suite →'. The second card is for an article by 'yooooaz' from '9 avril 2025' titled 'zzzaz'. The text reads 'azzaaz' and there is a link 'Lire la suite →'. Both cards have small icons for edit, delete, and a heart indicating one like.

**On peut voir l'article :**

- **Depuis la homepage (3 articles les plus récents)**
- **Dans la page /articles (tous les articles)**
- **Depuis /profile (nos articles uniquement).**

# PAGE DES ARTICLES

<http://localhost:3000/articles>



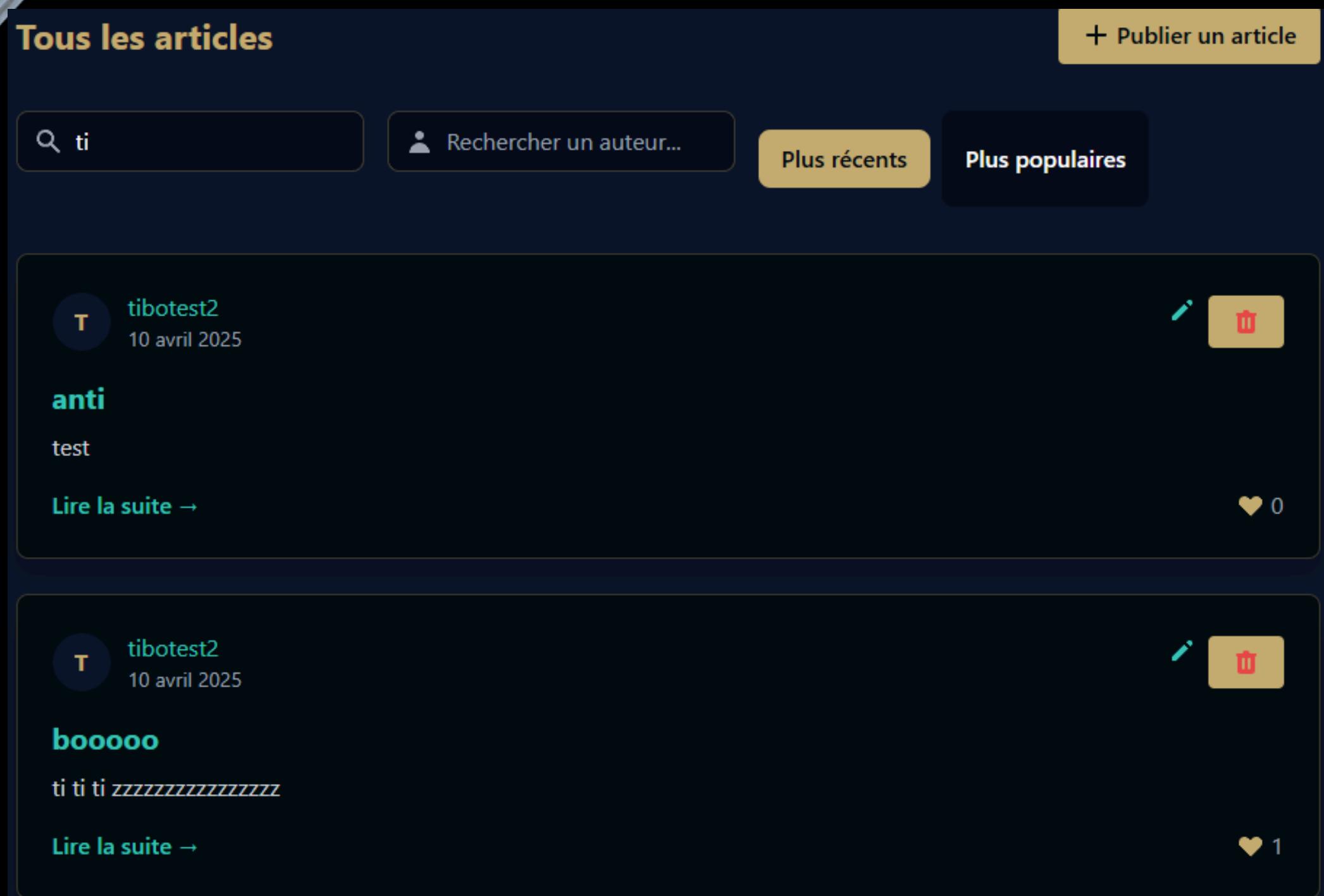
**Sur cette page, tous les articles sont présents.**

**On peut les trier par :**

- **Date de publication (plus récents ou plus anciens)**
- **Nombre de likes (les plus likés ou les moins likés).**

# PAGE DES ARTICLES

<http://localhost:3000/articles>



# On peut rechercher un article selon son titre et son contenu.

# PAGE DES ARTICLES

<http://localhost:3000/articles>

The screenshot shows a dark-themed web application interface for managing articles. At the top, there's a header with the text "Tous les articles" and a button "+ Publier un article". Below the header, there are search and user profile fields, and two sorting options: "Plus récents" (selected) and "Plus populaires".

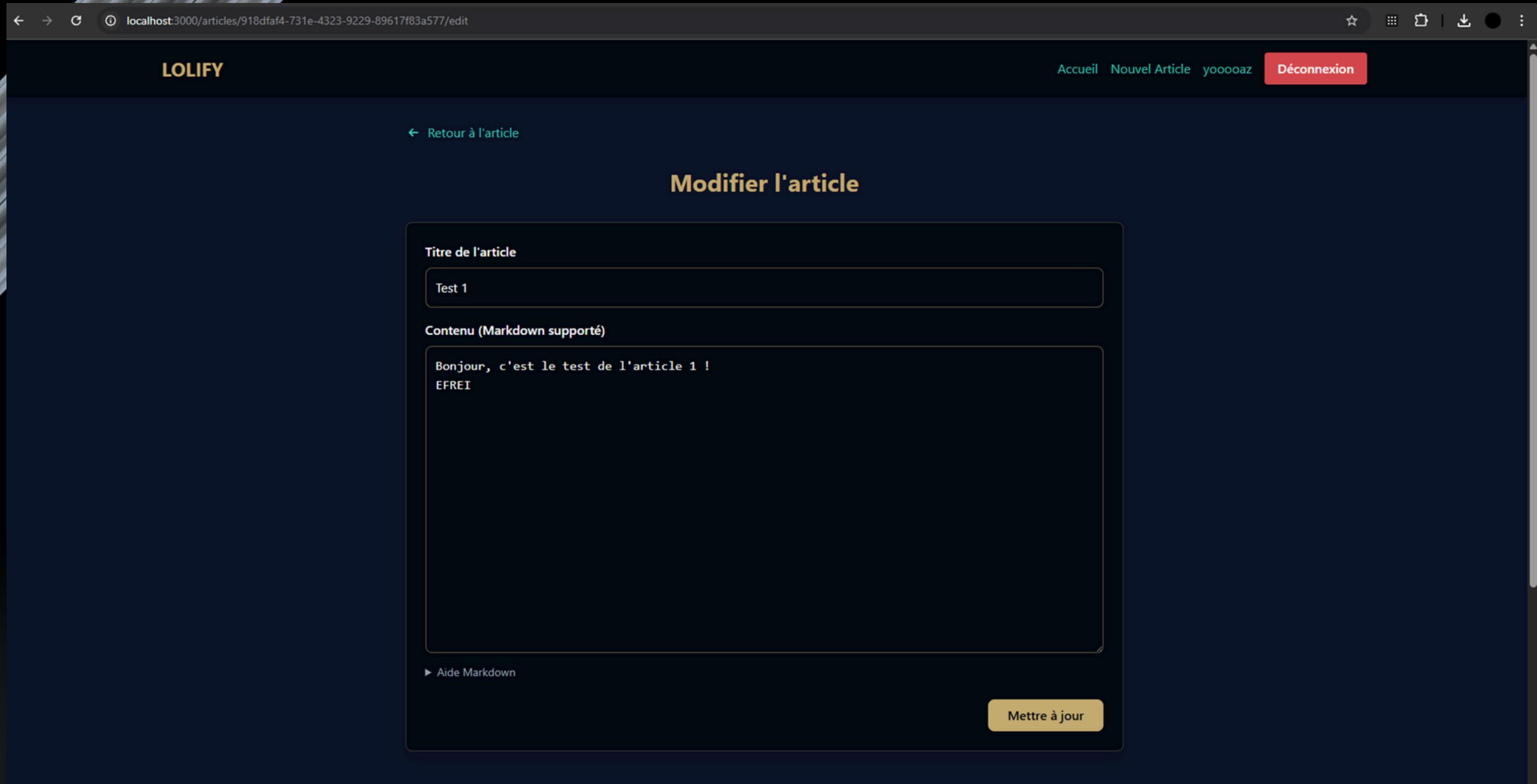
The main content area displays three article cards, each representing an article published by the user "yooo".

- Article 1:** Author: yooooaz, Date: 9 avril 2025. Content: zzzaz, azzaaz. Call-to-action: Lire la suite →. Interaction: 1 heart.
- Article 2:** Author: yooooaz, Date: 9 avril 2025. Content: zzzz, zzzzzzzz. Call-to-action: Lire la suite →. Interaction: 0 hearts.
- Article 3:** Author: yooooaz, Date: 9 avril 2025. Content: aaaa, zzz. Call-to-action: Lire la suite →. Interaction: 0 hearts.

**La recherche peut également se faire à partir du nom de l'auteur.**

# MODIFICATION

<http://localhost:3000/articles/articleId/edit>



**La modification d'un article se fait ici (titre et contenu).**

# VOIR UN ARTICLE

<http://localhost:3000/articleId>

The screenshot shows a web browser window with a dark theme. The URL in the address bar is [localhost:3000/articles/918dfaf4-731e-4323-9229-89617f83a577](http://localhost:3000/articles/918dfaf4-731e-4323-9229-89617f83a577). The page title is "LOLIFY". The main content area displays an article titled "Test 1" by "yooooaz" posted on "9 avril 2025 à 15:18". The article content is "Bonjour, c'est le test de l'article 1 ! EFREI". Below the article are a heart icon with "1" and a comment count of "1 commentaire", along with edit and delete buttons. A "Commentaires" section follows, showing one comment from "yooooaz" posted "à l'instant" with the text "Super article !". There is a "Commenter" button and a "Supprimer" button next to the comment. The top navigation bar includes links for "Accueil", "Nouvel Article", "yooooaz", and "Déconnexion".

L'utilisateur se rend ici pour voir en détail, commenter et liker un article.

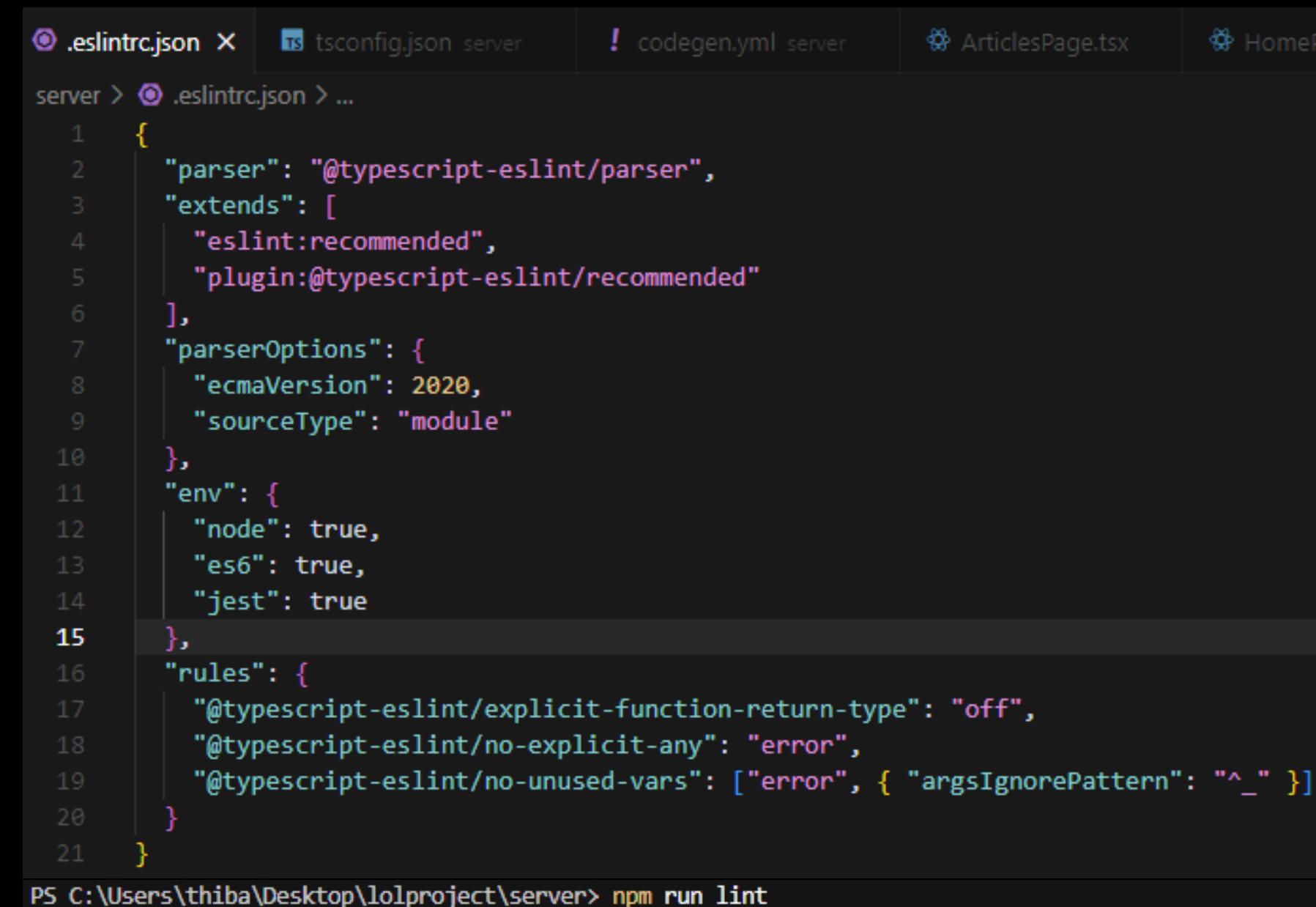
# AUTRES

## TypeScript en mode strict



```
tsconfig.json server X ! codegen.yml server ArticlesPage.tsx
server > tsconfig.json > ...
1 {
2   "compilerOptions": {
3     "target": "ES2020",
4     "module": "NodeNext",
5     "moduleResolution": "NodeNext",
6     "outDir": "./dist",
7     "rootDir": "./src",
8     "strict": true, // Circled in red
9     "esModuleInterop": true,
10    "skipLibCheck": true,
11    "forceConsistentCasingInFileNames": true,
12    "resolveJsonModule": true
13  },
14  "include": ["src/**/*"],
15  "exclude": ["node_modules", "**/*.test.ts", "dist"]
16 }
```

## Vérification des any



```
.eslintrc.json X tsconfig.json server ! codegen.yml server ArticlesPage.tsx HomePa
server > .eslintrc.json > ...
1 {
2   "parser": "@typescript-eslint/parser",
3   "extends": [
4     "eslint:recommended",
5     "plugin:@typescript-eslint/recommended"
6   ],
7   "parserOptions": {
8     "ecmaVersion": 2020,
9     "sourceType": "module"
10   },
11   "env": {
12     "node": true,
13     "es6": true,
14     "jest": true
15   },
16   "rules": {
17     "@typescript-eslint/explicit-function-return-type": "off",
18     "@typescript-eslint/no-explicit-any": "error",
19     "@typescript-eslint/no-unused-vars": ["error", { "argsIgnorePattern": "_" }]
20   }
21 }
```

```
PS C:\Users\thiba\Desktop\lolproject\server> npm run lint
```

```
> server@1.0.0 lint
> eslint . --ext .ts
```

```
=====
```

```
WARNING: You are currently running a version of TypeScript which is not officially supported by @typescript-eslint/typescript-estree.
```

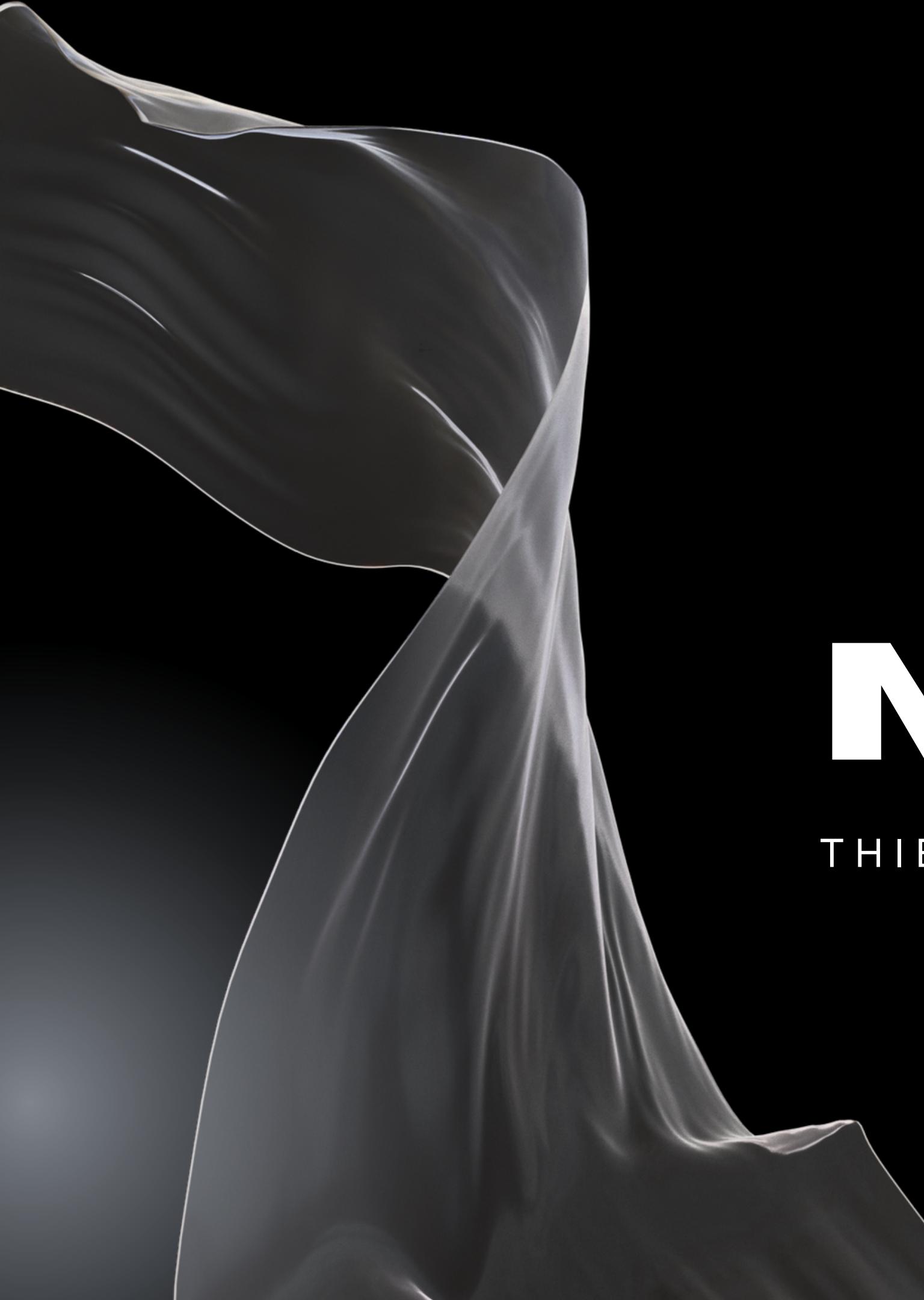
```
You may find that it works just fine, or you may not.
```

```
SUPPORTED TYPESCRIPT VERSIONS: >=4.3.5 <5.4.0
```

```
YOUR TYPESCRIPT VERSION: 5.8.2
```

```
Please only submit bug reports when using the officially supported version.
```

```
=====
```



**MERCI**

THIBAULT DELATTRE & FLORIAN GERMAIN