# AUTHENTIFICATION USER ET SHOPPING CART

Partie 1 : Authentification User

# Bootsrap

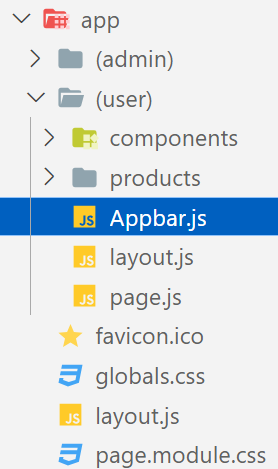
npm install bootstrap



@import url('https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css');

# Appbar

Nous disposons également de l’Appbar



import Link from "next/link";

const AppBar = () => {

return (

<nav className="navbar navbar-expand-lg bg-light">

    <ul className="navbar-nav me-auto mb-2 mb-lg-0">

    <li className="nav-item">

        <Link className="nav-link" href={"/"}>Home</Link>

    </li>

    <li className="nav-item">

        <Link className="nav-link" href={"/products"}>Proudcts</Link>

    </li>

</ul>

</nav>

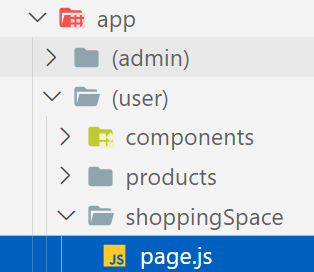
);

};

export default AppBar;

# Shopping Space

Créer :



import React from 'react'

import ProductCardShopping from '../components/user/productCardShopping'

import axios from 'axios'

const getProducts=async()=>{

const {data}=await axios.get(`${process.env.API\_URL}/api/articles`)

return data;

}

const ShoppingSpacePage = async() => {

const produits = await getProducts();

return (

<div className="row">

{produits.map((p) => (

<ProductCardShopping

key={p.\_id}

id={p.\_id}

image={p.imageart}

prix={p.prix}

des={p.designation}

/>

))}

</div>

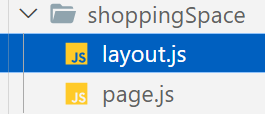
)

}

export default ShoppingSpacePage

# Layout Shopping

Créer



export default function ShoppingLayout({ children }) {

return (

<div>

<h3>Shopping Space</h3>

{children}

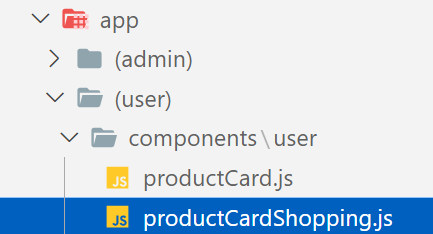
</div>

)

}

# Composant ProductCardShopping

Créer



import Image from "next/image";

import React from "react";

const ProductCardShopping = ({image,prix,des}) => {

return (

<div className="col-sm-3">

<div className="card">

<Image

src={image}

width={300}

height={200}

alt={des}

priority={true}

/>

<h6>{des}</h6>

<p>{prix}</p>

<button className="btn btn-warning">

        Add to cart

</button>

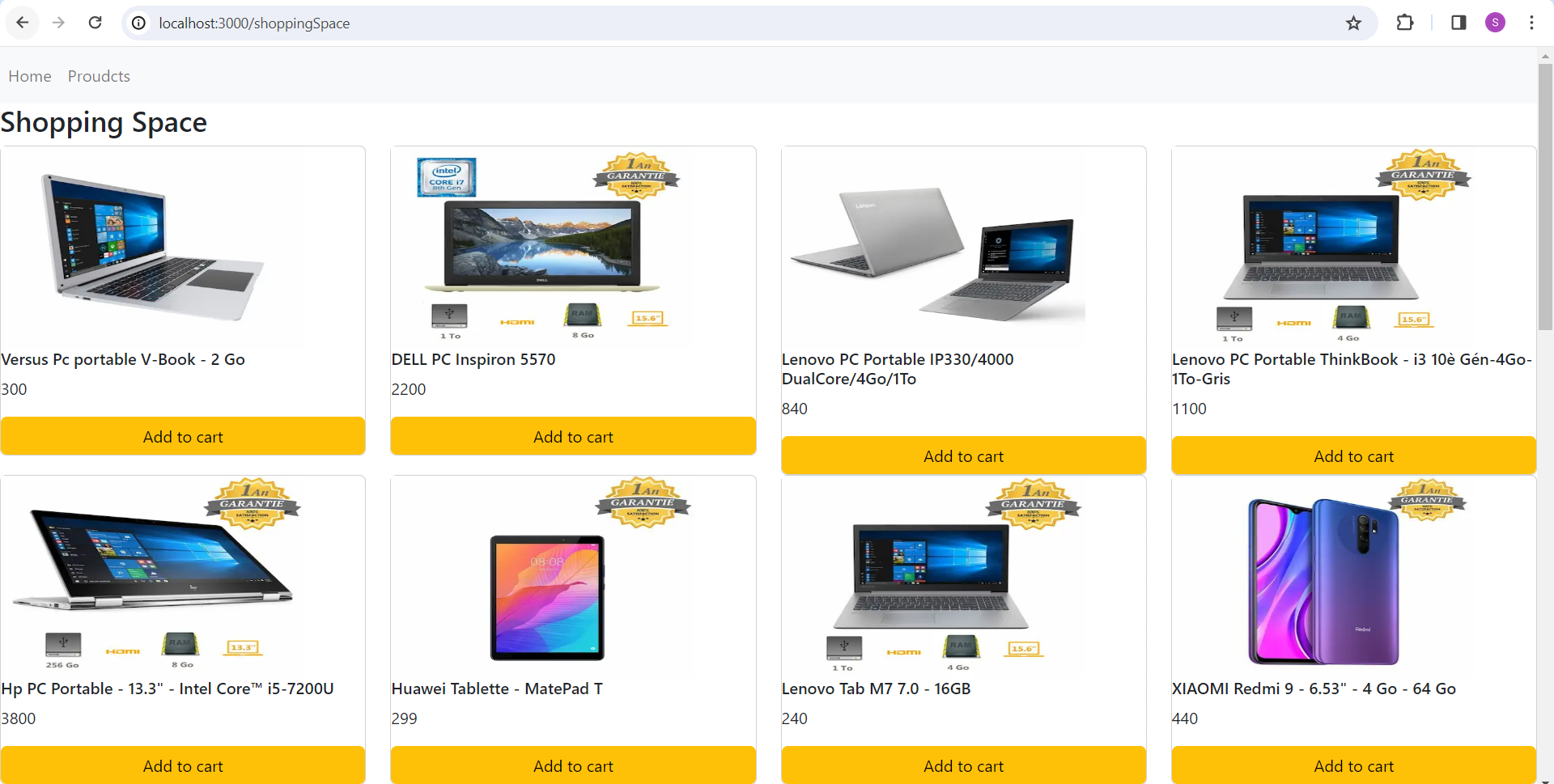
</div>

</div>

);

};

export default ProductCardShopping;

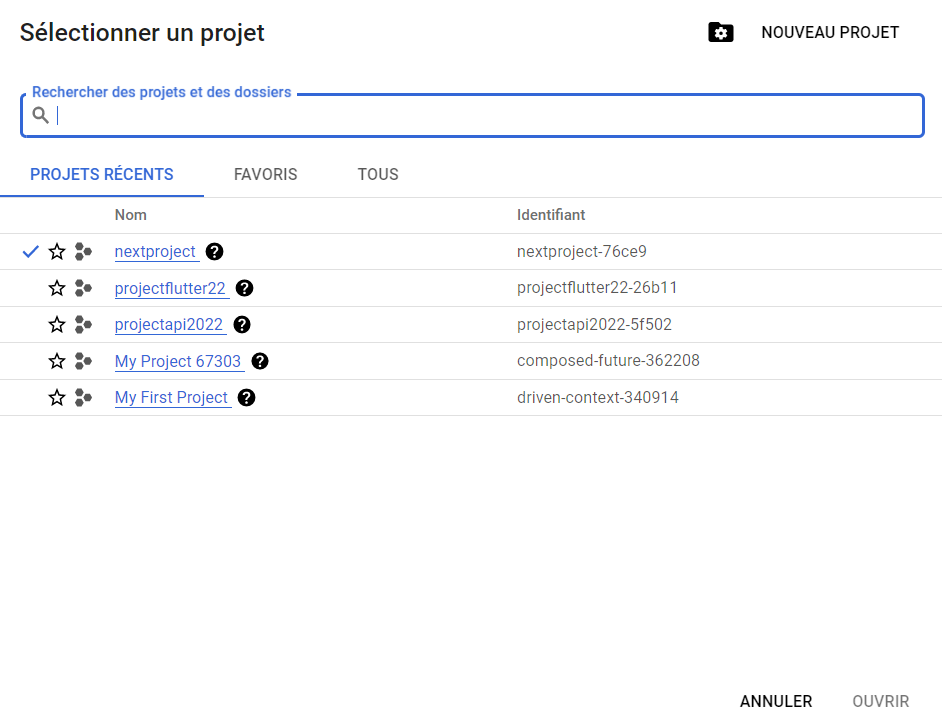


# Google Login

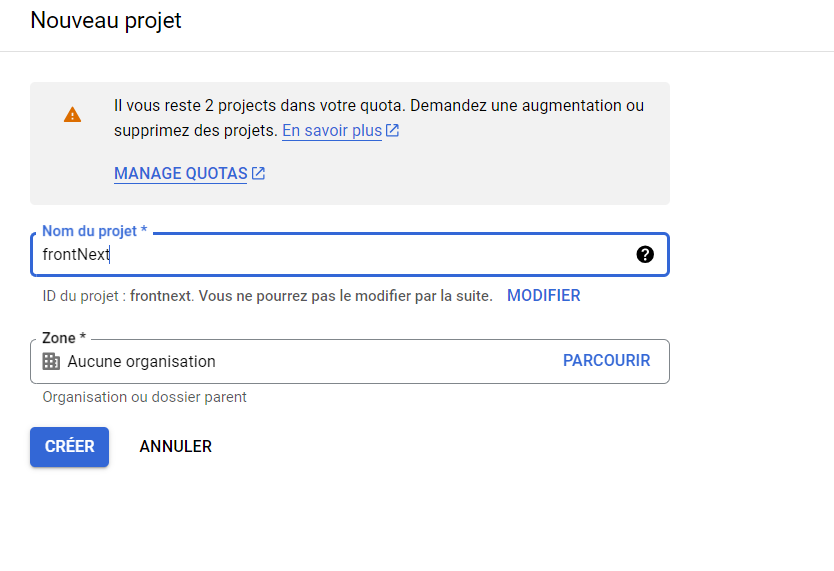
Aller au site :

<https://console.cloud.google.com/>

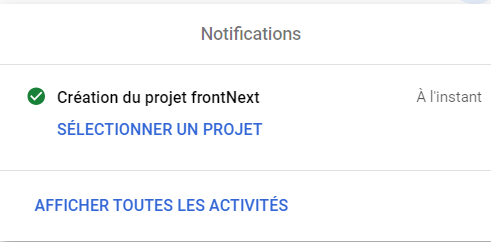




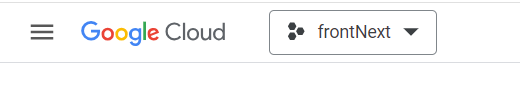




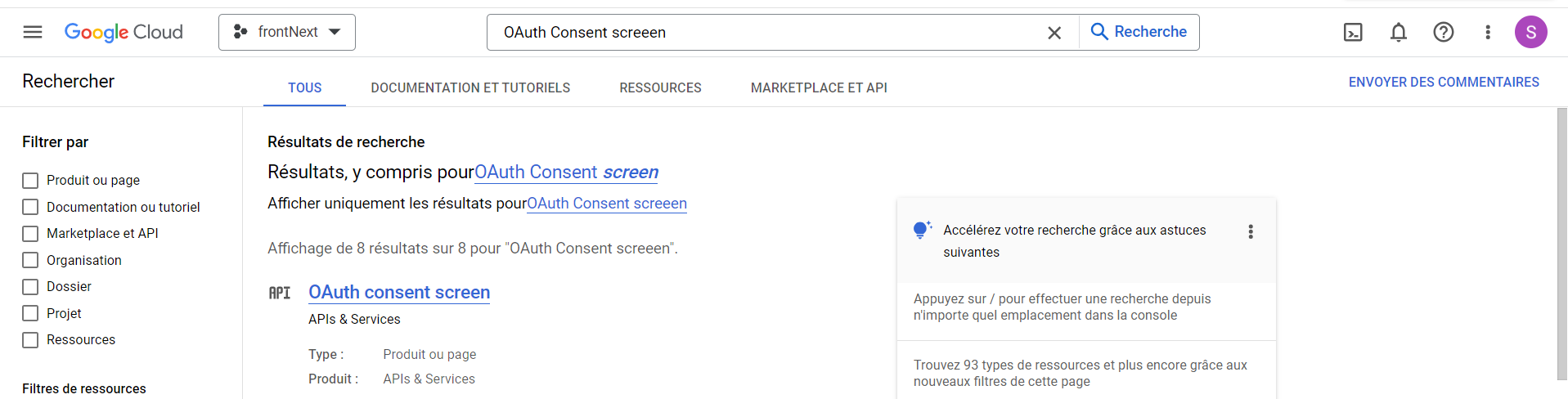


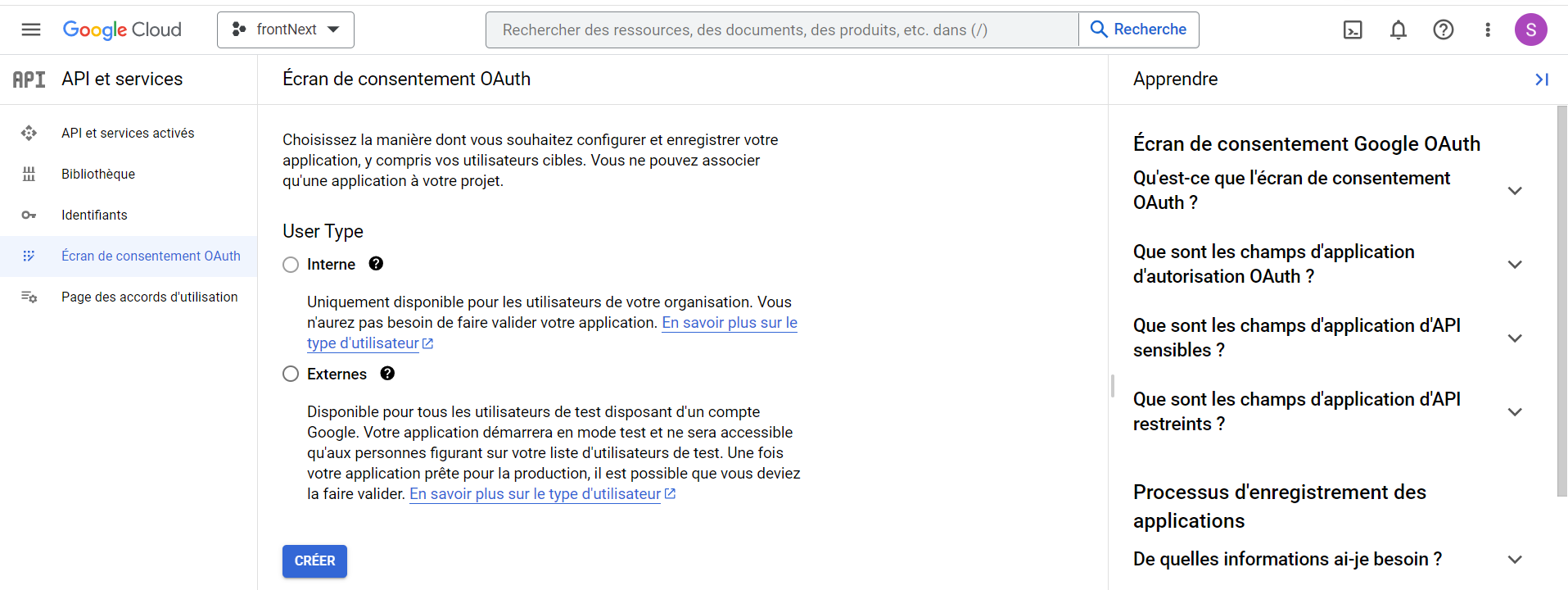


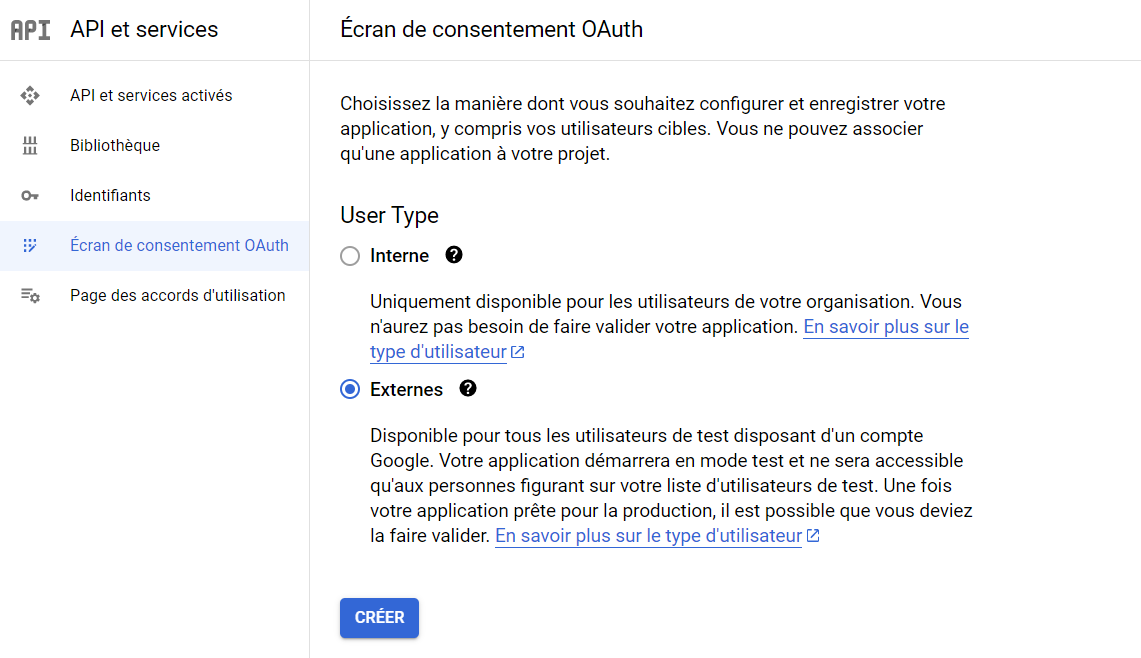


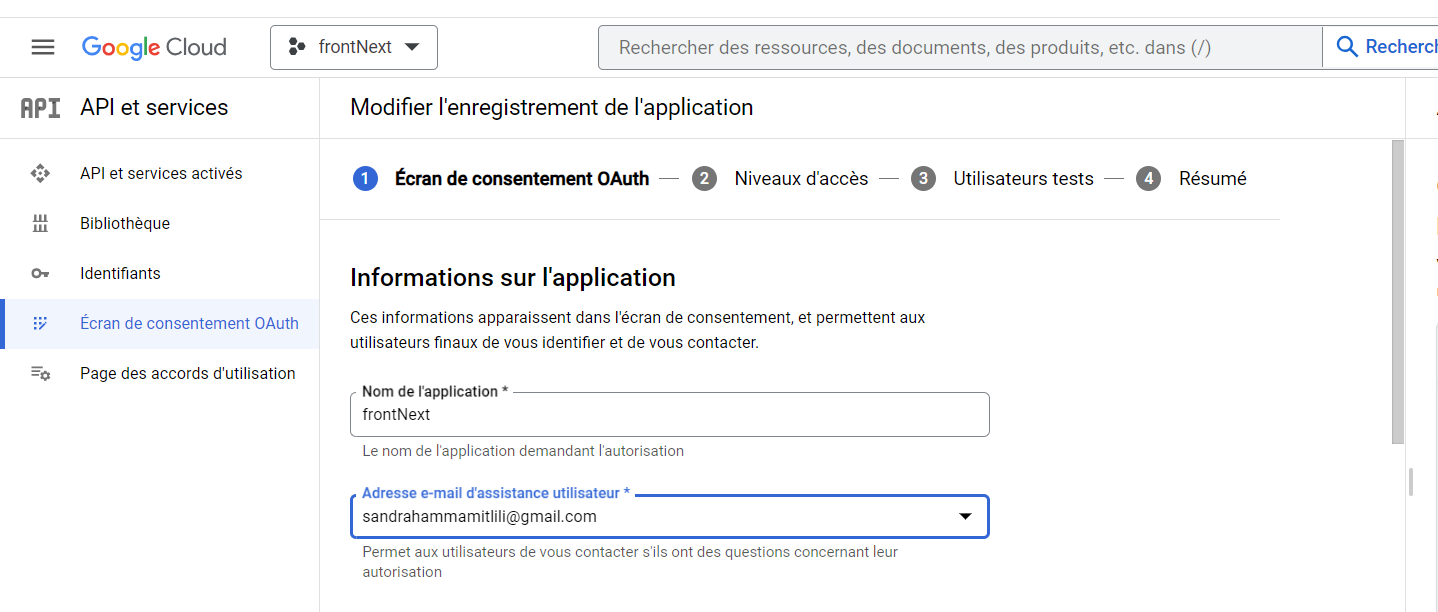






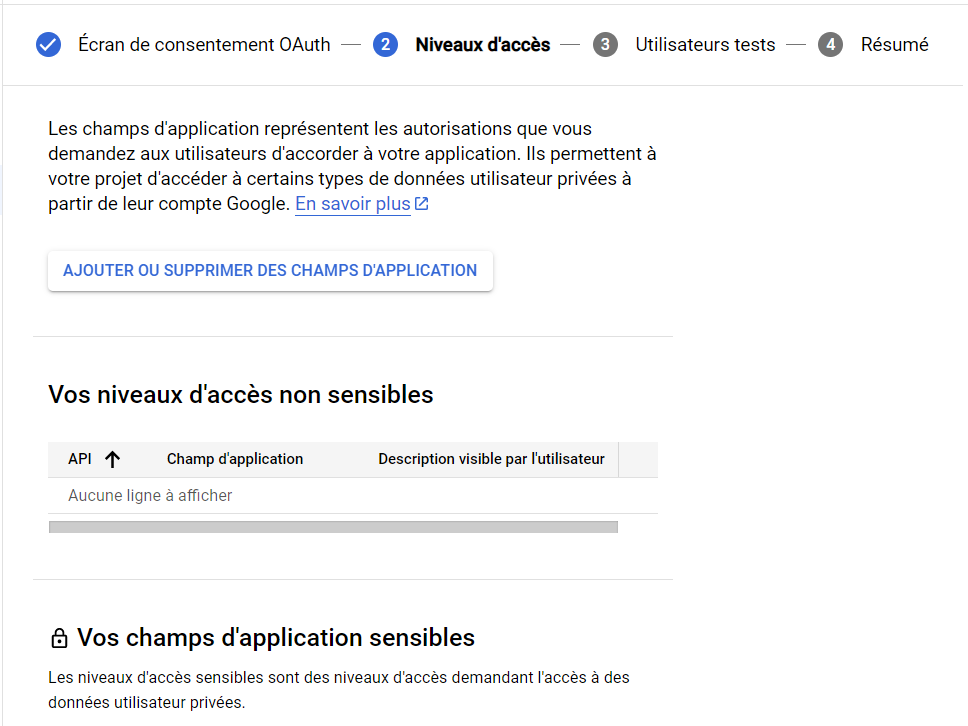


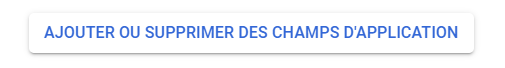


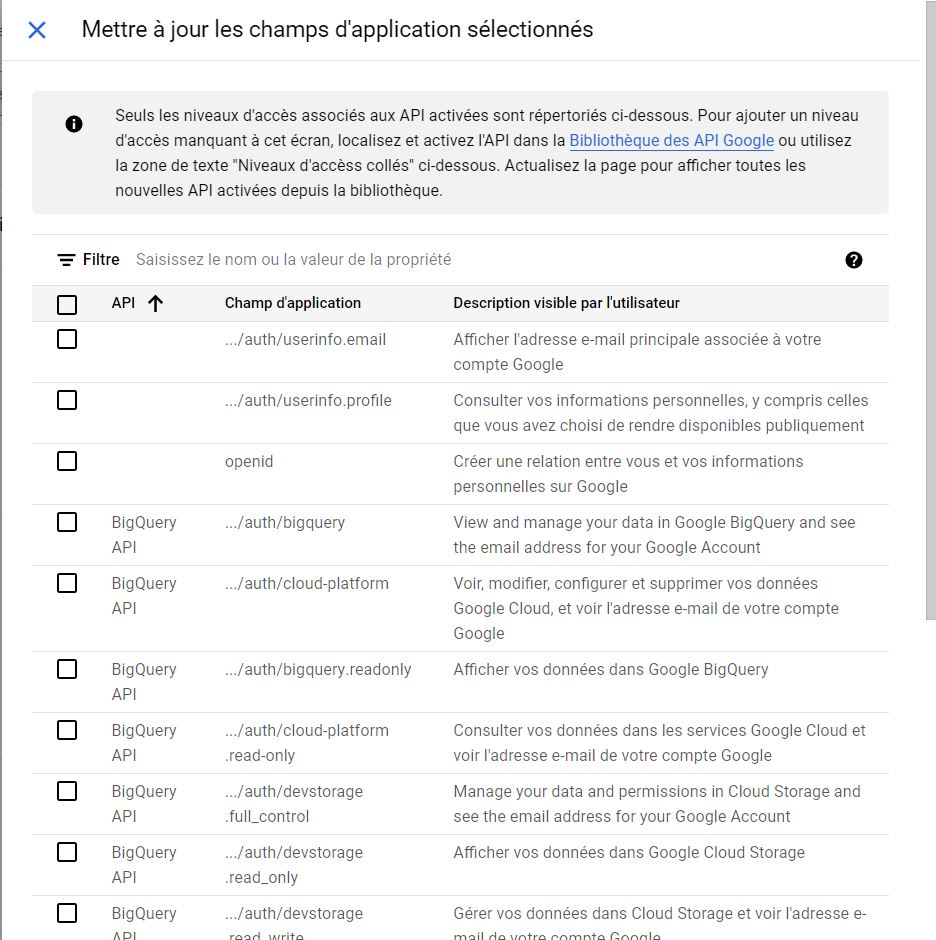


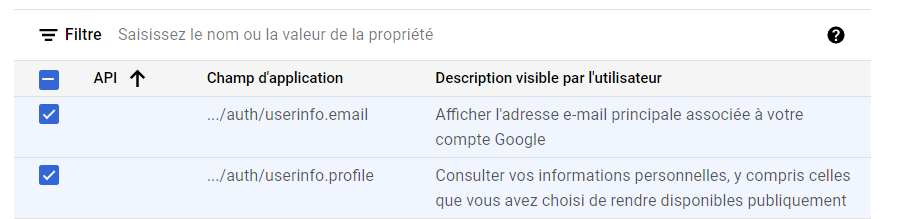


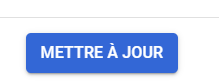


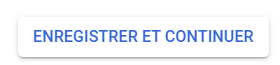


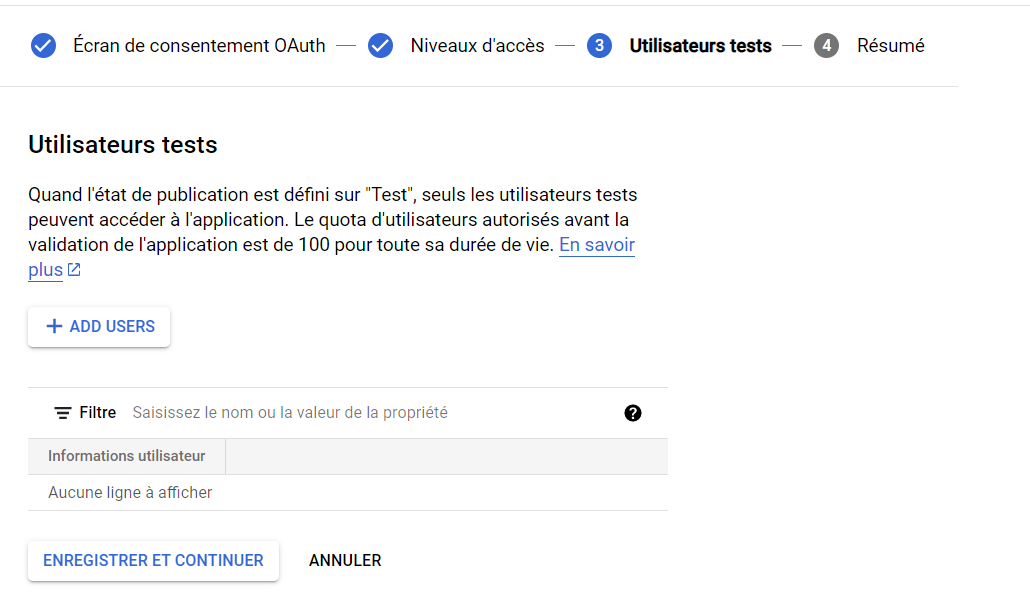


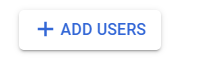


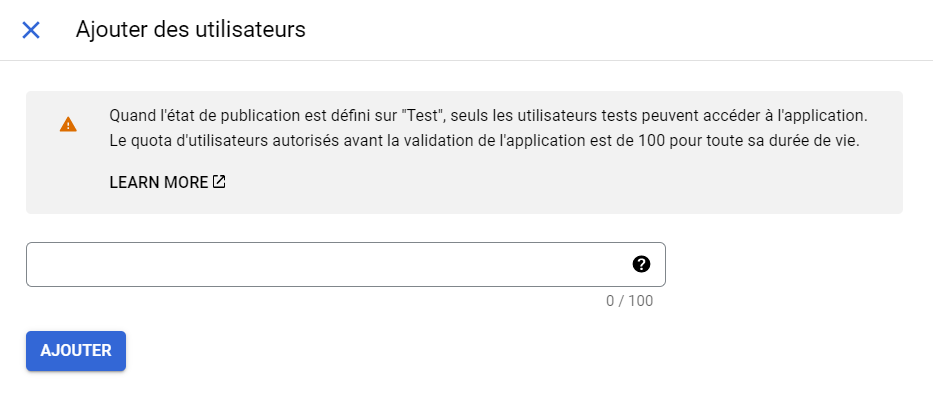








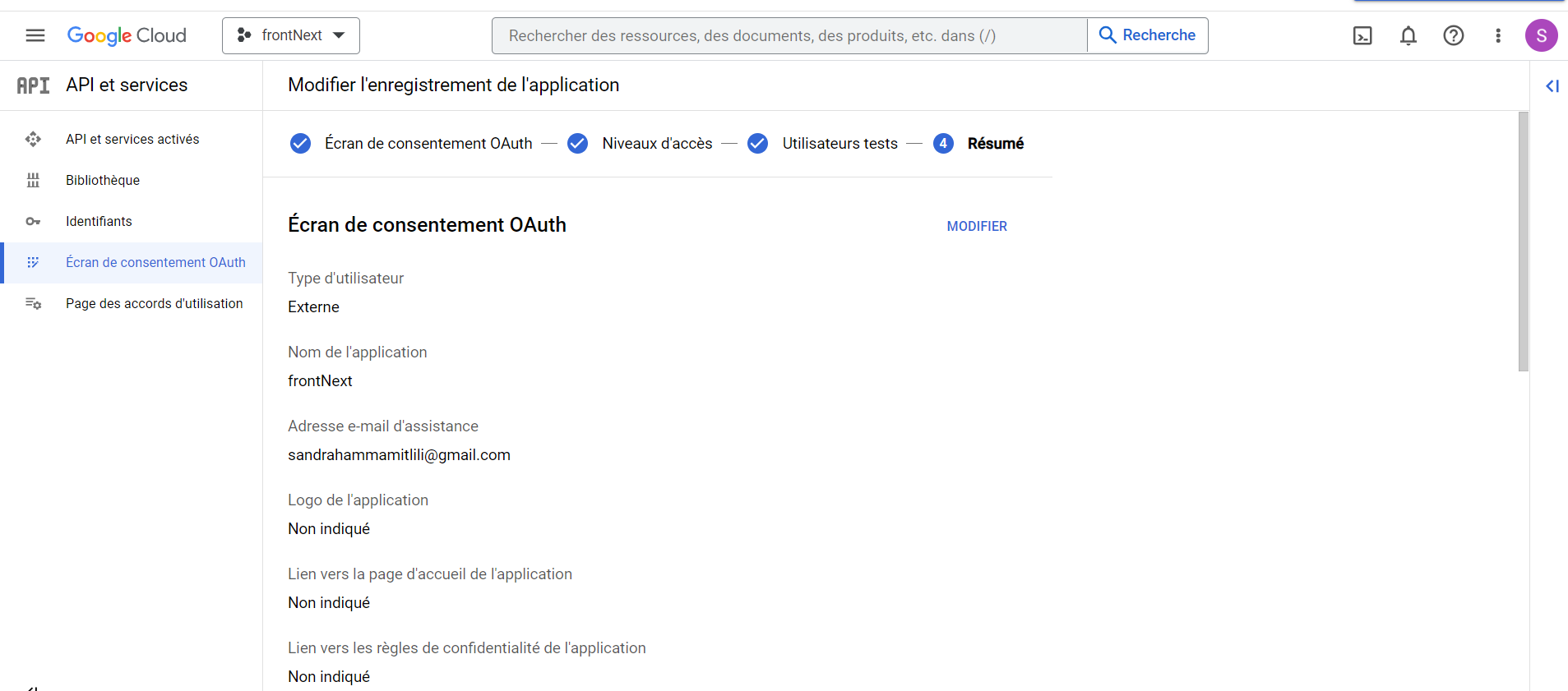


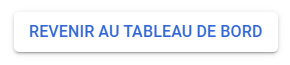


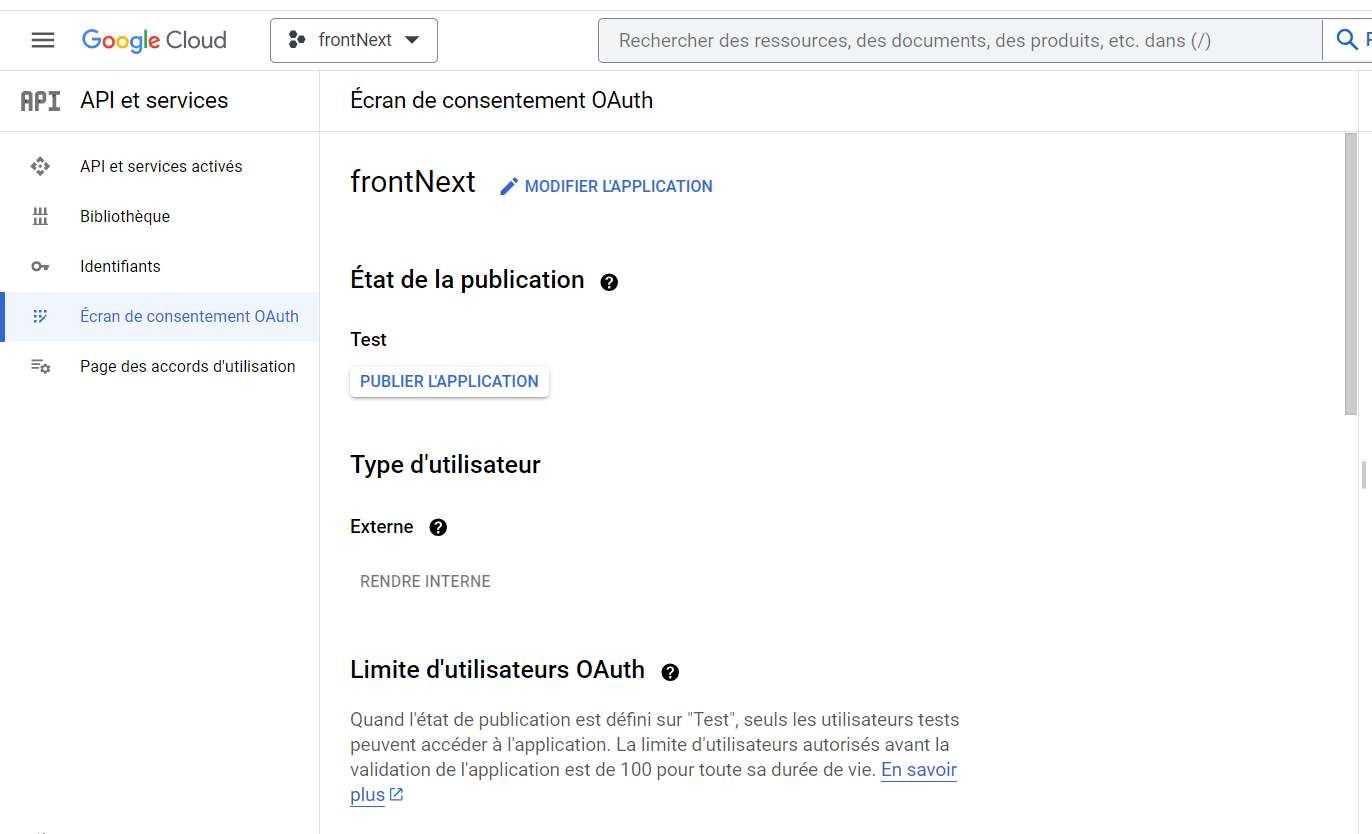




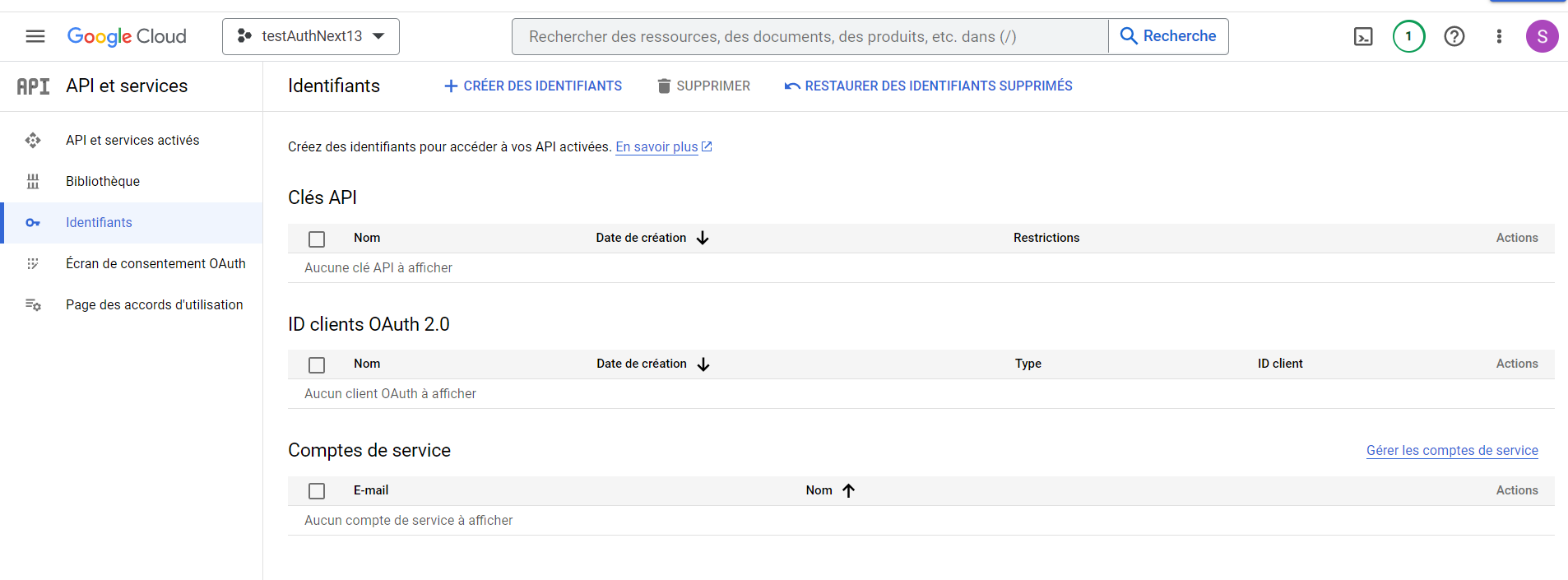




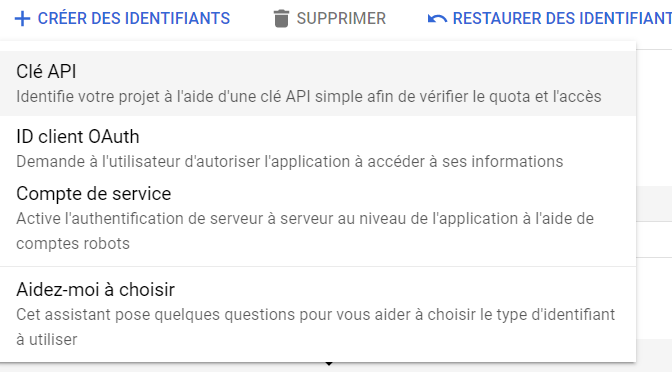




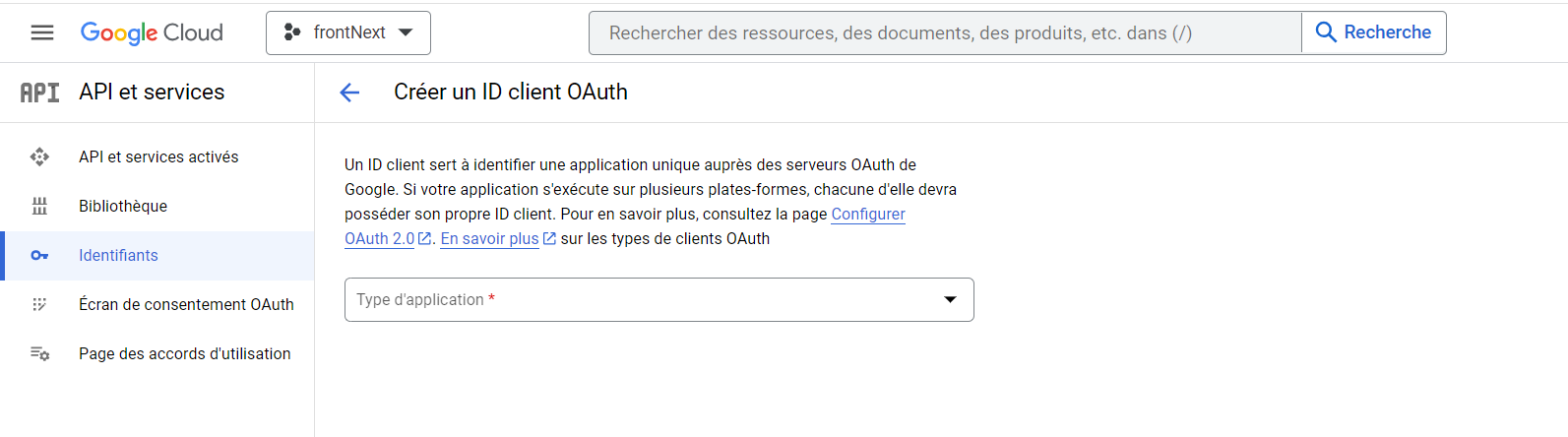




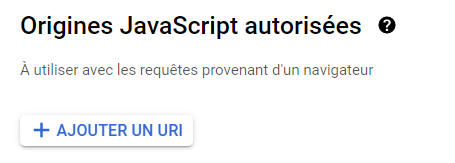


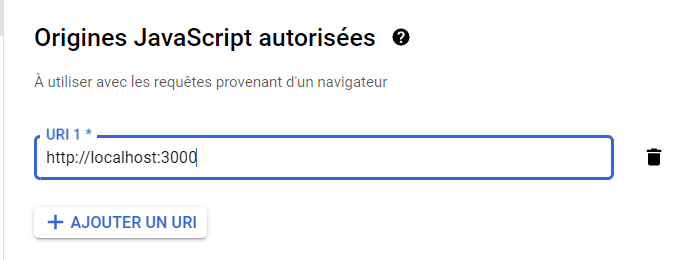






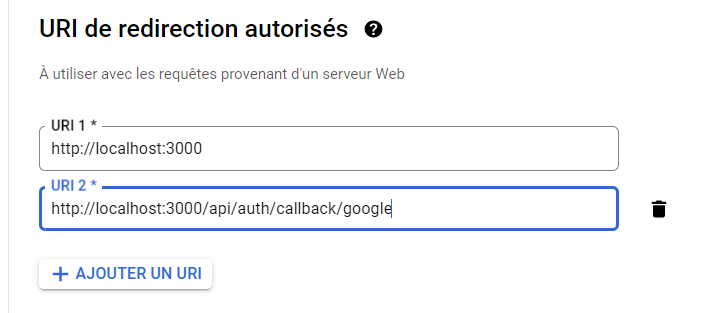




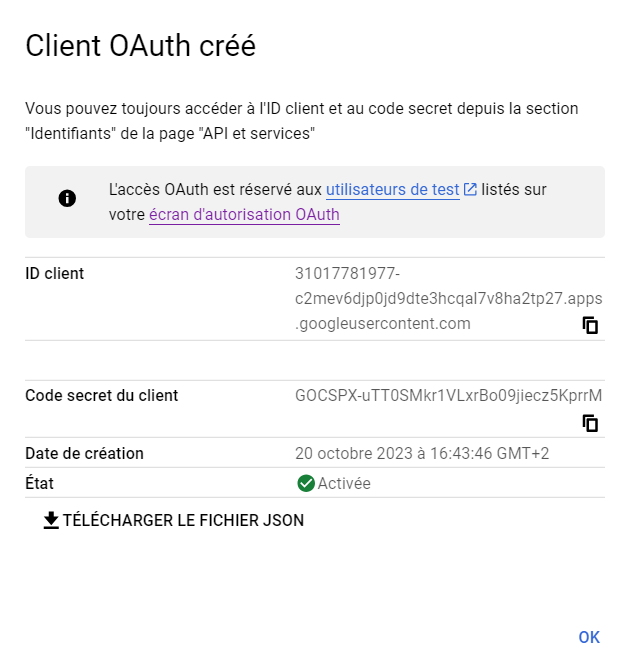












ID client : 31017781977-c2mev6djp0jd9dte3hcqal7v8ha2tp27.apps.googleusercontent.com

Code secret du client : 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

# Package next-auth

Dans le projet next installer

npm i next-auth

Créer

# signIn

Sous le répertoire /app/(user) créer le dossier signin dans le quel créer page.js



'use client';

import { signIn } from 'next-auth/react'

import { useSearchParams } from 'next/navigation'

const SignInPage = () => {

    const searchParams = useSearchParams()

    const callbackUrl = searchParams.get('callbackUrl')

  return (

        <div className="container">

           <div className="card">

           <div className="card-head">

            <h3>Sign in to your account</h3>

           </div>

           <div className="card-body">

     <button className="btn btn-danger" onClick={() => signIn('google', { callbackUrl })}>    Continue with Google </button>

        </div>

        </div>

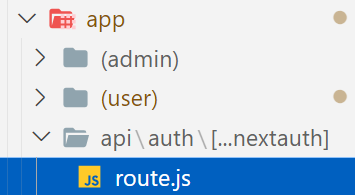
        </div>

  )

}

export default SignInPage

Puis créer /app/api/autn/[…nextauth].js



import NextAuth from "next-auth";

import GoogleProvider from "next-auth/providers/google";

export const authOptions = {

    providers: [

        GoogleProvider({

            clientId: "31017781977-c2mev6djp0jd9dte3hcqal7v8ha2tp27.apps.googleusercontent.com",

            clientSecret: "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"

        })

    ],

    pages:{

        signIn: '/signin'

    }

}

const handler = NextAuth(authOptions)

export { handler as GET, handler as POST }



'use client';

import AppBar from "./Appbar"

import {SessionProvider} from "next-auth/react";

export default function UserLayout({ children,session }) {

return (

 <>

<SessionProvider session={session}>

<AppBar/>

{children}

</SessionProvider>

</>

)

}



'use client';

import Link from "next/link";

import {useSession, signOut} from 'next-auth/react';

const AppBar = () => {

    const {data} =useSession();

return (

<nav className="navbar navbar-expand-lg bg-light">

    <ul className="navbar-nav me-auto mb-2 mb-lg-0">

    <li className="nav-item">

        <Link className="nav-link" href={"/"}>Home</Link>

    </li>

    <li className="nav-item">

        <Link className="nav-link" href={"/products"}>Proudcts</Link>

    </li>

 <li className="nav-item">

    <Link className="nav-link" href={"/shoppingSpace"} > Espace shopping  </Link>

   </li>

   <li className="nav-item">

   {data ?  ( <>

    <button className="btn btn-default"  onClick={() => {signOut();}}>Logout </button>

            </>

            ):  null

            }

    </li>

</ul>

</nav>

);

};

export default AppBar;

Modifier le code



'use client'

import Image from "next/image";

import React from "react";

import { useSession } from 'next-auth/react'

import { redirect } from 'next/navigation'

const ProductCardShopping = ({image,prix,des}) => {

const { data: session } = useSession({

        required: true,

        onUnauthenticated() {

        redirect('/signin?callbackUrl=/shoppingSpace')

        }

      })

return (

<div className="col-sm-3">

<div className="card">

<Image

src={image}

width={300}

height={200}

alt={des}

priority={true}

/>

<h6>{des}</h6>

<p>{prix}</p>

<button className="btn btn-warning">

        Add to cart

</button>

</div>

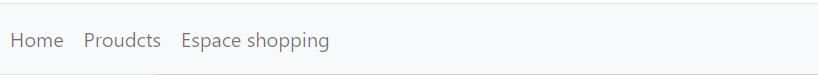
</div>

);

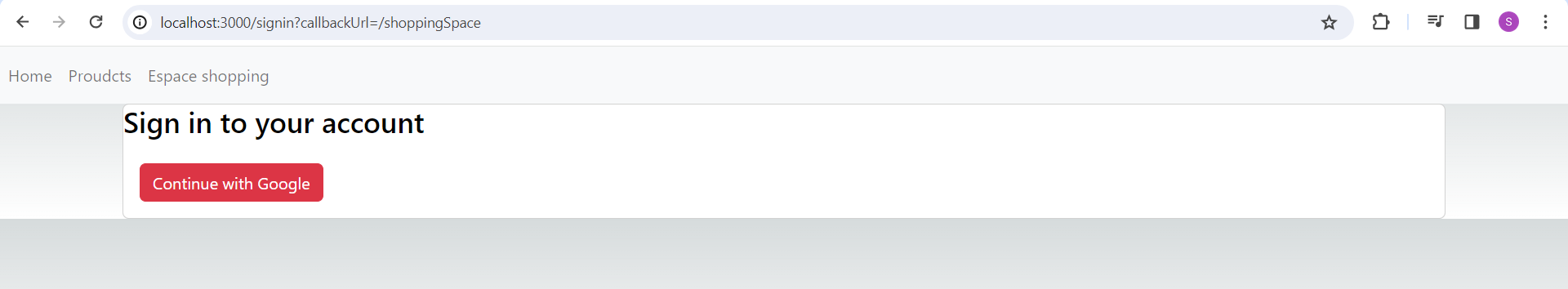
};

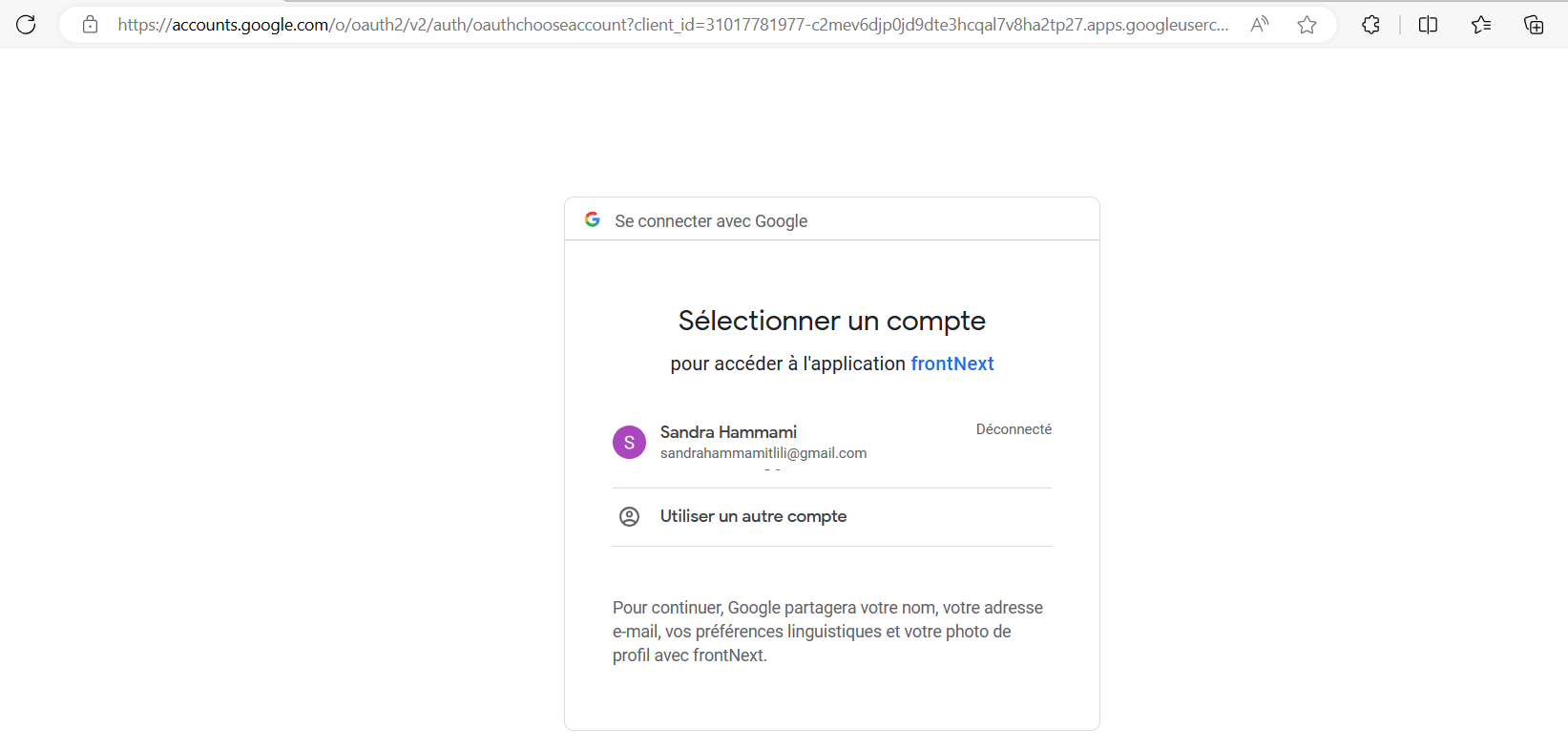
export default ProductCardShopping;

Si on choisit Espace shopping (page protégée)

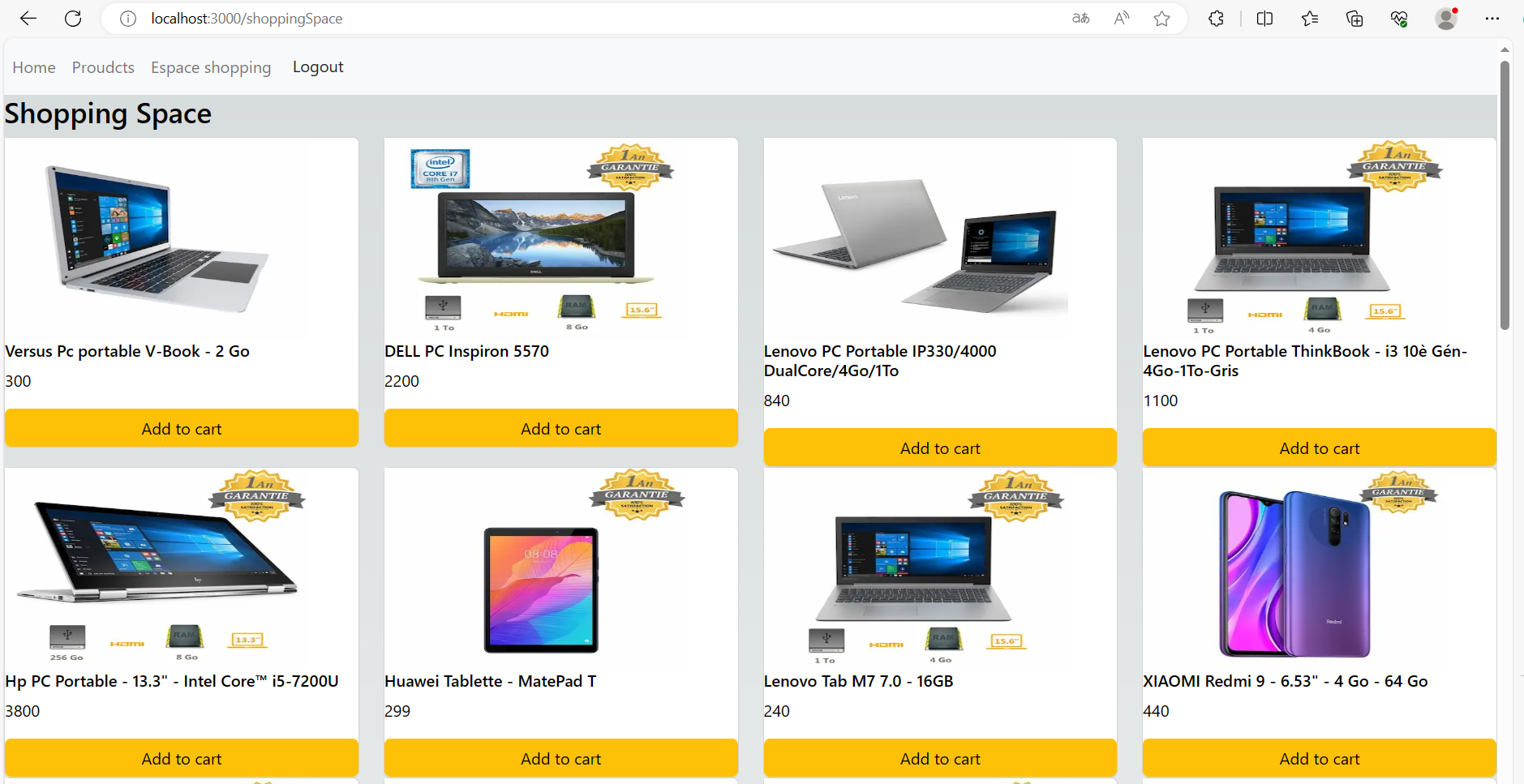


La page sigin apparaît





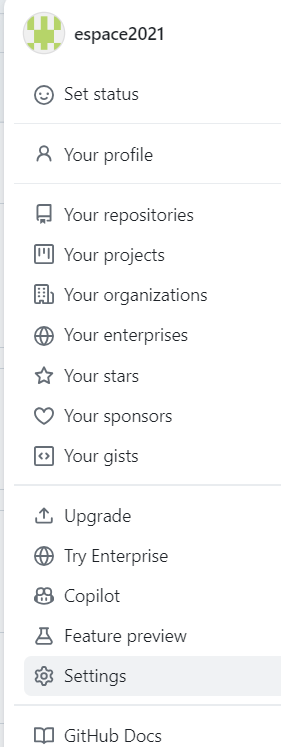
Si on clique sur logout (qui s'affiche après authentification) on a la page sigin de nouveau





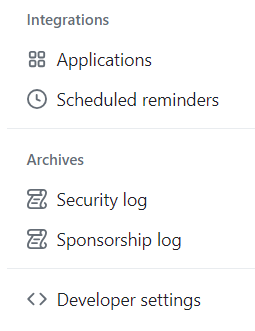
# GitHub Credentials

Connectez-vous à votre tableau de bord Github et cliquez sur l'image de profil dans le coin supérieur droit.

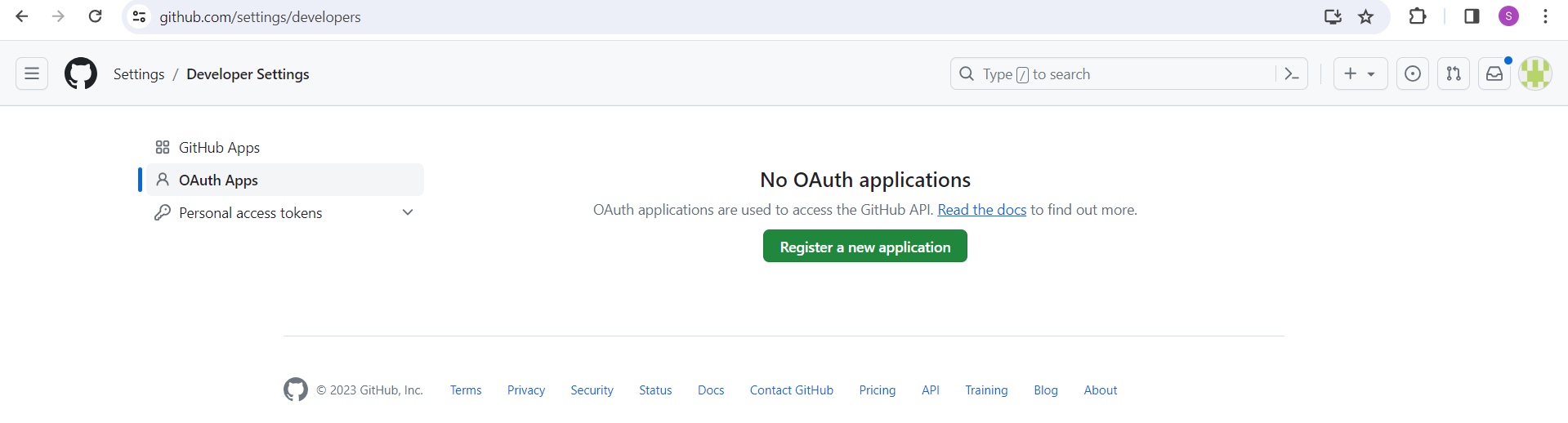


Sélectionnez Settings dans le menu déroulant :

Dans la page qui suit, faites défiler vers le bas et sélectionnez Developer settings :



Cliquez sur OAuth Apps sur la page suivante et choisissez Register a New Application :

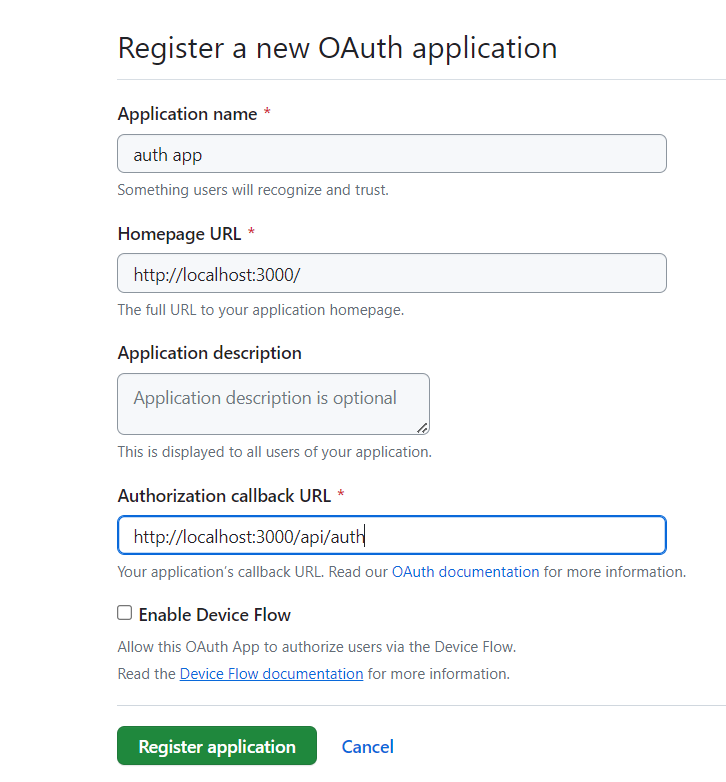


Remplissez le formulaire que vous voyez sur la page qui suit :

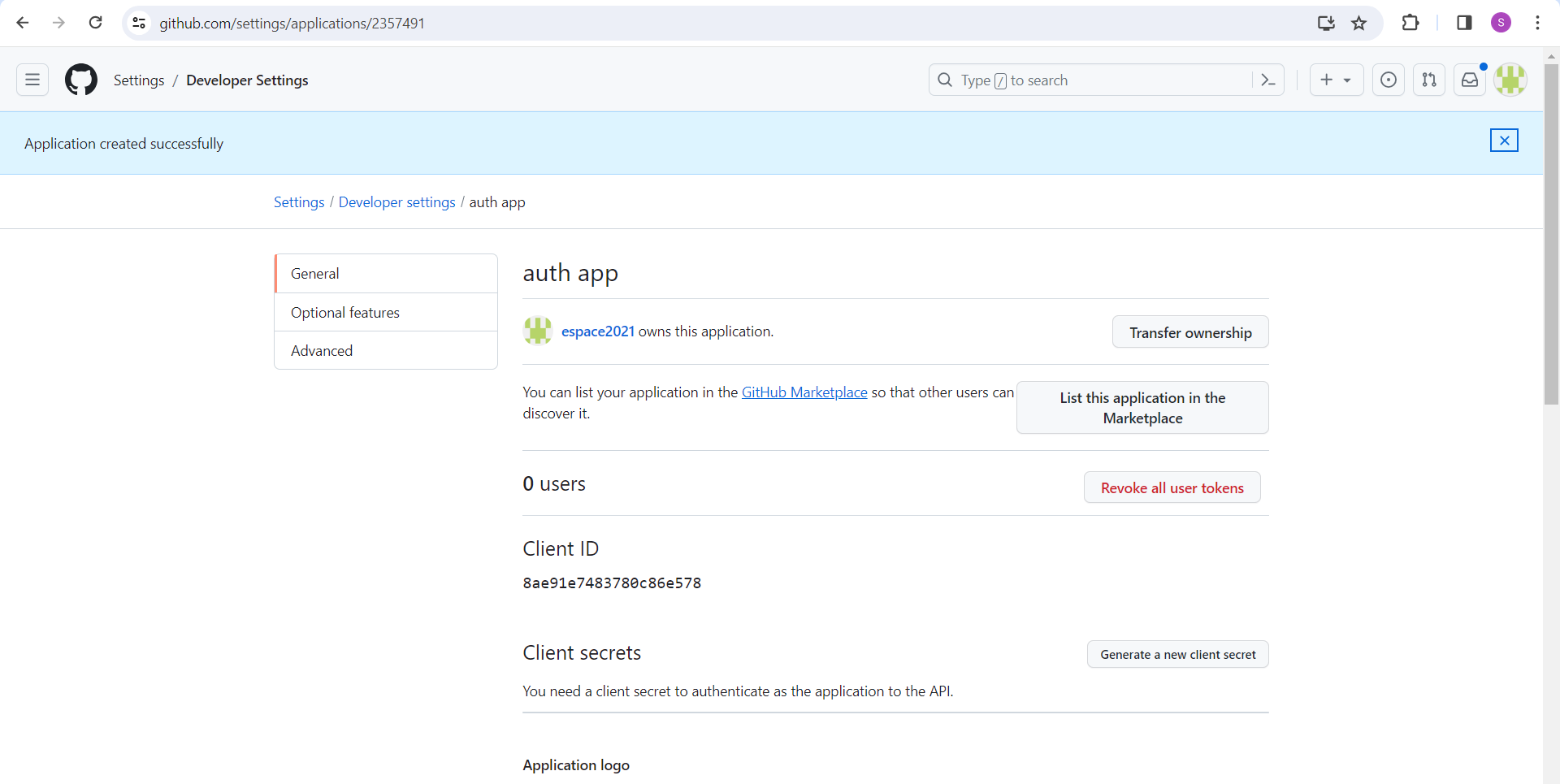
Application name - auth app

Homepage URL - http://localhost:3000/

Authorization callback URL - http://localhost:3000/api/auth



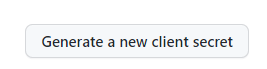
Cliquez sur le bouton Register Application. Une nouvelle page apparaît avec le GITHUB\_ID et le GITHUB\_SECRET :

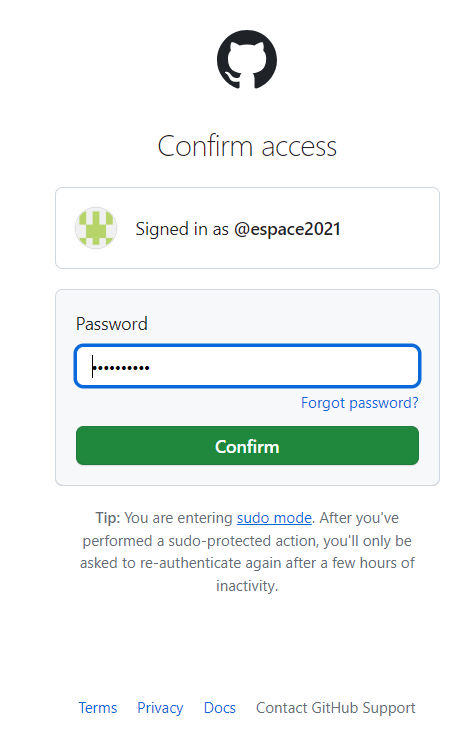


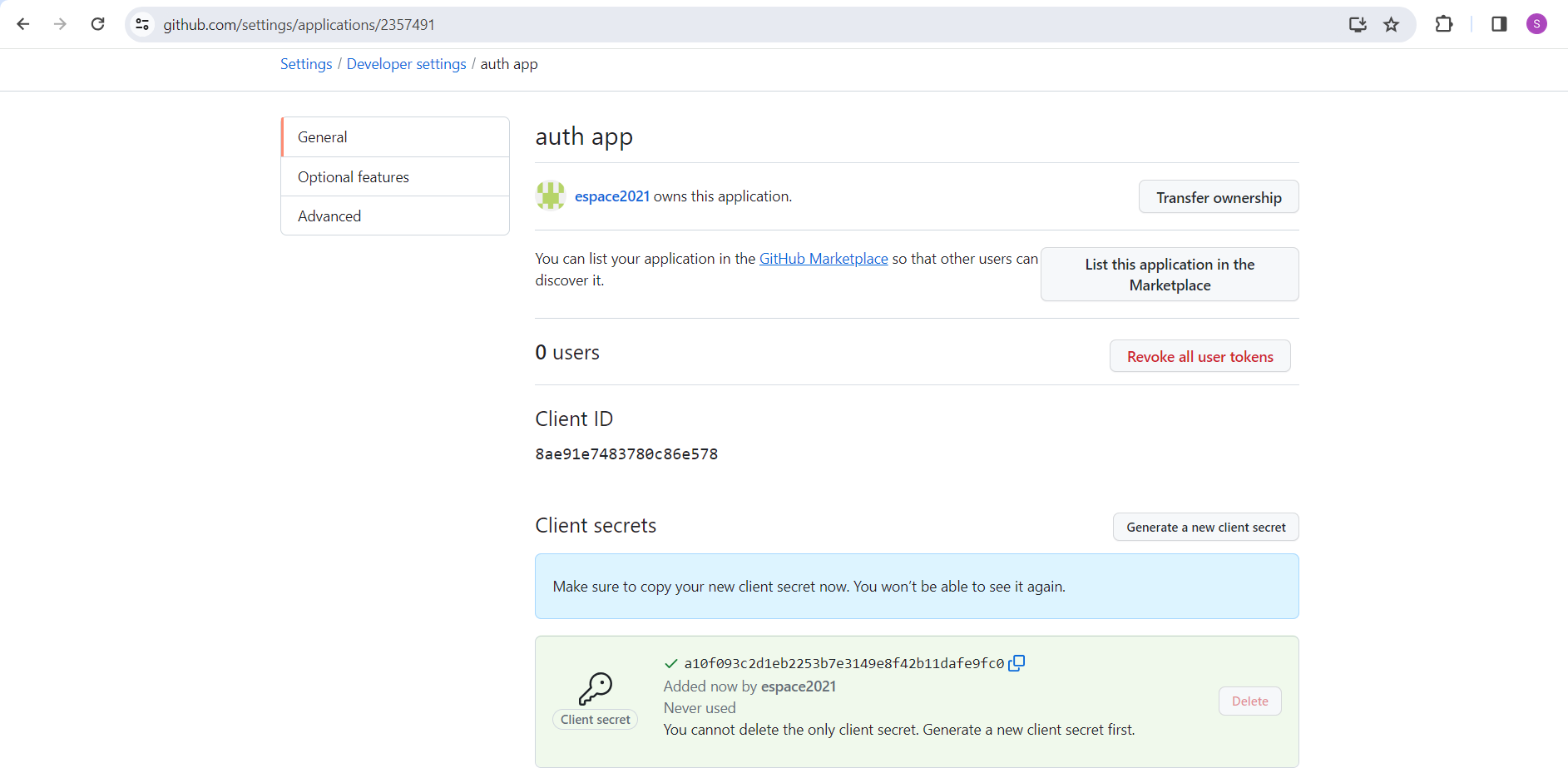
## Client ID

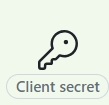
8ae91e7483780c86e578

Cliquez sur Generate a new client secret pour voir le GITHUB\_SECRET.









a10f093c2d1eb2253b7e3149e8f42b11dafe9fc0

# Modifier [..nextauth]/route.js



import NextAuth from "next-auth";

import GoogleProvider from "next-auth/providers/google";

import GitHubProvider from "next-auth/providers/github";

export const authOptions = {

    providers: [

        GitHubProvider({

            clientId: "8ae91e7483780c86e578",

            clientSecret: "a10f093c2d1eb2253b7e3149e8f42b11dafe9fc0",

          }),

        GoogleProvider({

            clientId: "31017781977-c2mev6djp0jd9dte3hcqal7v8ha2tp27.apps.googleusercontent.com",

            clientSecret: "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"

        })

    ],

    pages:{

        signIn: '/signin'

    }

}

const handler = NextAuth(authOptions)

export { handler as GET, handler as POST }

# Modifier SignIn



'use client';

import { signIn } from 'next-auth/react'

import { useSearchParams } from 'next/navigation'

const SignInPage = () => {

    const searchParams = useSearchParams()

    const callbackUrl = searchParams.get('callbackUrl')

  return (

        <div className="container">

           <div className="card">

           <div className="card-head">

            <h3>Sign in to your account</h3>

           </div>

           <div className="card-body">

     <button className="btn btn-dark" onClick={() => signIn('github', { callbackUrl })}>    Continue with GitHub </button>

        </div>

           <div className="card-body">

     <button className="btn btn-danger" onClick={() => signIn('google', { callbackUrl })}>    Continue with Google </button>

        </div>

        </div>

        </div>

  )

}

export default SignInPage

