

Les 18 — Lesopdracht

Magic link login + protected home page

Vak: AI-Assisted Development

Duur: 30 minuten in-class

Doel

Werkende Next.js app met Supabase magic link login. Niet ingelogd -> /login. Ingelogd -> home met 'Welkom {email}'.

1 Stap 1 — Setup

```
pnpm create next-app@latest auth-demo --typescript --tailwind --app
cd auth-demo
pnpm add @supabase/supabase-js @supabase/ssr
```

.env.local + Supabase: Auth -> Email -> enable Magic Links + Site URL.

2 Stap 2 — Supabase clients

Maak `utils/supabase/client.ts` en `server.ts`. Template uit Supabase docs.

```
// utils/supabase/client.ts
import { createBrowserClient } from "@supabase/ssr";

export function createClient() {
  return createBrowserClient(
    process.env.NEXT_PUBLIC_SUPABASE_URL!,
    process.env.NEXT_PUBLIC_SUPABASE_ANON_KEY!,
  );
}
```

3 Stap 3 — Middleware

```
// middleware.ts (root)
import { type NextRequest } from "next/server";
import { updateSession } from "@utils/supabase/middleware";

export async function middleware(request: NextRequest) {
  return await updateSession(request);
}

export const config = {
  matcher: ["/(?!_next/static|_next/image|favicon.ico).*"],
};
```

4 Stap 4 — Login page

```
"use client";
import { createClient } from "@utils/supabase/client";
import { useState } from "react";

export default function Login() {
  const [email, setEmail] = useState("");
  async function signIn() {
    const supabase = createClient();
    await supabase.auth.signInWithOtp({
      email,
      options: { emailRedirectTo: `${location.origin}/auth/callback` },
    });
    alert("Check je email!");
  }
  return (
    <main>
      <input value={email} onChange={(e) => setEmail(e.target.value)} />
      <button onClick={signIn}>Magic Link</button>
    </main>
  );
}
```

5 Stap 5 — Callback route

```
// app/auth/callback/route.ts
import { createClient } from "@utils/supabase/server";
import { NextResponse } from "next/server";

export async function GET(request: Request) {
  const { searchParams, origin } = new URL(request.url);
  const code = searchParams.get("code");
  if (code) {
    const supabase = await createClient();
    await supabase.auth.exchangeCodeForSession(code);
  }
  return NextResponse.redirect(`${origin}/`);
}
```

6 Stap 6 — Protected home

```
// app/page.tsx
export default async function Home() {
  const supabase = await createClient();
  const { data: { user } } = await supabase.auth.getUser();
  if (!user) redirect("/login");
  return <main><h1>Welkom {user.email}</h1></main>;
}
```

7 Eisen

- Supabase met Magic Links ingeschakeld
- Niet ingelogd -> /login redirect
- Magic link email komt aan
- Klikken op link logt in
- Home page toont user email
- Uitloggen werkt

8 Veelvoorkomende problemen

Symptoom	Oplossing
Email komt niet aan	Spam check, productie: eigen SMTP
Invalid redirect_url	Site URL in Auth settings
Callback URL 404	Maak app/auth/callback/route.ts aan
Loop login - home	Middleware werkt niet, check matcher
cookies is not a function	await cookies() in Next 15+

Klaar?

Verder met huiswerk: RLS + tasks tabel + multi-user. Zie Les18-Huiswerk.pdf.