

Les 17 — Lesopdracht

Stripe Checkout setup + eerste test-betaling

Vak: AI-Assisted Development

Duur: 30 minuten in-class

Doel

Werkende Stripe Checkout in Next.js app — pricing page, checkout session, succesvolle test-betaling.

1 Stap 1 — Stripe account

1. Maak account op stripe.com (skip business questions)
2. Dashboard -> Test mode (toggle rechtsboven)
3. Developers -> API keys -> kopieer sk_test_ + pk_test_

2 Stap 2 — Product + Price

1. Products -> Add product
2. Naam: "Premium plan"
3. Price: 9.99 / maand, recurring
4. Save -> kopieer price_XXXX

3 Stap 3 — Next.js setup

```
pnpm create next-app@latest stripe-demo --typescript --tailwind --app
cd stripe-demo
pnpm add stripe
```

.env.local:

```
STRIPE_SECRET_KEY=sk_test_...
NEXT_PUBLIC_STRIPE_PRICE_ID=price_...
APP_URL=http://localhost:3000
```

4 Stap 4 — Pricing page

```
"use client";

export default function Pricing() {
  async function subscribe() {
    const res = await fetch("/api/checkout", {
      method: "POST",
      body: JSON.stringify({
        priceId: process.env.NEXT_PUBLIC_STRIPE_PRICE_ID,
        email: "test@example.com",
      }),
    });
    const { url } = await res.json();
    window.location.href = url;
  }
  return (<main>...<button onClick={subscribe}>Subscribe</button>...</main>);
}
```

5 Stap 5 — Checkout endpoint

```
import Stripe from "stripe";
const stripe = new Stripe(process.env.STRIPE_SECRET_KEY!);

export async function POST(req: Request) {
  const { priceId, email } = await req.json();
  const session = await stripe.checkout.sessions.create({
    mode: "subscription",
    line_items: [{ price: priceId, quantity: 1 }],
    customer_email: email,
    success_url: `${process.env.APP_URL}/success?session_id={CHECKOUT_SESSION_ID}`,
    cancel_url: `${process.env.APP_URL}/`,
  });
  return Response.json({ url: session.url });
}
```

6 Stap 6 — Test

```
pnpm dev
# open http://localhost:3000
# klik Subscribe
# fill: 4242 4242 4242 4242, exp 12/34, CVC 123
```

Redirect naar /success. Check Stripe Dashboard -> Payments — transactie zichtbaar.

7 Eisen

- Stripe account in test mode
- Product + price aangemaakt
- Pricing page werkt
- Checkout endpoint werkt
- Test-betaling slaagt met 4242 card
- Stripe Dashboard toont transactie

8 Veelvoorkomende problemen

Symptoom	Oplossing
Invalid API key	Check sk_test_ in .env.local
4242 card geweigerd	Test mode aan? Rechtsboven dashboard
priceId required	Check NEXT_PUBLIC_ prefix correct

Symptoom	Oplossing
Success URL 404	APP_URL klopt? Geen trailing slash

Klaar? Verder met huiswerk

Webhook + signature verify, Resend mail, retry logic, APIS.md. Zie Les17-Huiswerk.pdf.