



CCS Lead Agent v2 - Deployment Guide

Quick Start (Local Development)

1. Install Dependencies

```
npm install
```

2. Set Up Environment Variables

Copy the `.env` file or create one with:

```
DATABASE_URL="postgresql://neondb_owner:npg_LylZ2UXRmfq4@ep-bitter-mode-agugkcbt-pool-er.c-2.eu-central-1.aws.neon.tech/neondb?sslmode=require&channel_binding=require"
NEXTAUTH_URL="http://localhost:3000"
NEXTAUTH_SECRET="5Iy3daVb60Ma5zAKcYUDS67CXf9fvsZ7XNm0NauBnZ4="
```

3. Set Up Database

```
npm run db:setup
```

This command will:

- Push the Prisma schema to your database
- Seed the database with admin and test users

4. Run Development Server

```
npm run dev
```

Visit: <http://localhost:3000>

Deploy to Vercel

Step 1: Push to GitHub

```
git add .
git commit -m "Fix: React hydration error and authentication"
git push origin main
```

Step 2: Configure Vercel

1. Go to your Vercel project settings

2. Add Environment Variables:

...

```
DATABASE_URL=postgresql://neondb_owner:npg_LylZ2UXRmfq4@ep-bitter-mode-agugkcbt-pool-er.c-2.eu-central-1.aws.neon.tech/neondb?sslmode=require&channel_binding=require
NEXTAUTH_URL=https://your-vercel-domain.vercel.app
```

NEXTAUTH_SECRET=5Iy3daVb6OMa5zAKcYUDS67CXf9fsZ7XNmONauBnZ4=
...
...

1. Important Vercel Settings:

- Framework Preset: **Next.js**
 - Root Directory: **Leave blank** (or specify if needed)
 - Build Command: `npm run build`
 - Install Command: `npm install`

2. Build Settings:

- **⚠️ Disable Build Cache** for first deployment
 - Settings → General → “Use existing build cache” → **OFF**

Step 3: Trigger Deployment

Option A: From Vercel Dashboard

1. Go to Deployments tab
 2. Click “Redeploy” on latest deployment
 3. Uncheck “Use existing Build Cache”
 4. Click “Redeploy”

Option B: From Git

```
git commit --allow-empty -m "Trigger Vercel rebuild"  
git push origin main
```

Step 4: Verify Deployment

1. Wait for deployment to complete (~2-3 minutes)
 2. Visit your Vercel URL
 3. You should be redirected to /login
 4. Try logging in with admin credentials

Troubleshooting

Issue: “Invalid credentials” error

Solution:

The database might not be seeded. Run locally:

```
npm run prisma:seed
```

Issue: 500 error on login

Check:

1. ✓ DATABASE_URL is correct in Vercel environment variables
 2. ✓ NEXTAUTH_SECRET is set in Vercel
 3. ✓ NEXTAUTH_URL matches your Vercel domain
 4. ✓ Database is accessible from Vercel (check Neon dashboard)

Issue: Build fails on Vercel

Check:

1. All dependencies are in `package.json`
2. Run `npm run build` locally to test
3. Check Vercel build logs for specific error

Issue: Still see old version after deployment

Solutions:

1. Clear browser cache (Ctrl+Shift+Delete)
2. Try incognito/private window
3. Hard refresh (Ctrl+Shift+R)
4. Redeploy with cache disabled

Database Management

Seed Database

```
npm run prisma:seed
```

Reset Database (⚠️ This will delete all data)

```
npx prisma db push --force-reset  
npm run prisma:seed
```

View Database

```
npx prisma studio
```

Opens Prisma Studio at <http://localhost:5555>

Scripts Reference

Command	Description
<code>npm run dev</code>	Start development server
<code>npm run build</code>	Build for production
<code>npm start</code>	Start production server
<code>npm run db:setup</code>	Push schema + seed database
<code>npm run prisma:generate</code>	Generate Prisma Client
<code>npm run prisma:push</code>	Push schema to database
<code>npm run prisma:seed</code>	Seed database with users

Security Notes

For Production

1. Change NEXTAUTH_SECRET:

bash

```
openssl rand -base64 32
```

Use this value in Vercel environment variables

2. Secure Database:

- Keep `DATABASE_URL` secret
- Never commit `.env` to Git
- Use Vercel's secret management

3. Update Admin Password:

After first login, change the default password

Allowed Email Domains

Only these domains can log in:

- `@ccsapparel.africa`
- `@ccsapparel.co.za`

To add more domains, edit `lib/auth.ts`:

```
const allowedDomains = ["ccsapparel.africa", "ccsapparel.co.za", "newdomain.com"];
```

Support

If issues persist:

1. Check Vercel deployment logs
2. Check browser console for errors
3. Verify all environment variables are set correctly
4. Try deploying from a fresh Git commit

Your app is now ready for production! 