

TinyLink Project Files

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package.json
-----
{
  "name": "tinylink",
  "version": "1.0.0",
  "private": true,
  "scripts": {
    "dev": "next dev -p 3000",
    "build": "next build",
    "start": "next start -p 3000"
  },
  "dependencies": {
    "next": "14.0.0",
    "react": "18.2.0",
    "react-dom": "18.2.0",
    "pg": "^8.11.0"
  }
}

.env.example
-----
DATABASE_URL=postgresql://user:password@host:port/dbname
NEXT_PUBLIC_BASE_URL=https://your-app.vercel.app

schema.sql
-----
CREATE TABLE IF NOT EXISTS links (
  code VARCHAR(8) PRIMARY KEY,
  target_url TEXT NOT NULL,
  clicks INTEGER NOT NULL DEFAULT 0,
  created_at TIMESTAMP WITH TIME ZONE DEFAULT now(),
  last_clicked TIMESTAMP WITH TIME ZONE NULL
);

lib/db.js
-----
const { Pool } = require('pg');
let pool;
if (!global.__pgPool) {
  global.__pgPool = new Pool({
    connectionString: process.env.DATABASE_URL,
    ssl: false
  });
}
pool = global.__pgPool;
module.exports = { query:(t,p)=>pool.query(t,p), pool };

... (Code continues for API, pages, styles)
```