

EJA MVP — Developer Setup & Progress Log

Platform: Next.js v22.17.1 (installed) + Git (installed) VS Code Studio + GitHub + Supabase (connected) + Vercel

Tasks: Project Initialized + Project Push to GitHub + Deployed Vercel

Goal: OTA + experiential booking MVP with listings, auth, and payment flow

Repo: github.com/addycoder561/eja-homestay

SupaBase (URL): <https://qfpfezjygemxfqwazsix.supabase.co>

SupaBase (API KEY):

eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJkdXBhYmFzZSIsInJIUzI6InFmcGZlcm5Z2VteGZnd2F6c2I4Iiwicm9sZSI6ImFub24iLCJpYXQiOiJlE3NTI4MjkzODksImV4cCI6MjA2ODQwNTM4OX0.YkHIMU2IJ6-DBkgH56tKSKlzhMWDgTNvl4Rz24W9pmc

✓ INITIAL SETUP (Local Dev)

1. Project Bootstrapping

- Initialized a new Next.js app with `app/` directory structure
- Added TypeScript + Tailwind + ShadCN UI
- Connected to GitHub repo

2. Environment Setup

Created `.env.local` with:

```
ini
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NEXT_PUBLIC_SUPABASE_URL=your-project-url
NEXT_PUBLIC_SUPABASE_ANON_KEY=your-anon-key
```

- Set same variables inside Vercel project settings

3. Supabase Project

- Created new Supabase project
 - Enabled Row-Level Security (RLS)
 - Created `listings` table manually via SQL
 - Wrote basic `SELECT` policies for public read access
-

SUPABASE CLIENT SETUP

4. Supabase Client File

Created `src/lib/supabase.ts`:

```
ts
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import { createClient } from '@supabase/supabase-js';

const supabase = createClient(
  process.env.NEXT_PUBLIC_SUPABASE_URL!,
  process.env.NEXT_PUBLIC_SUPABASE_ANON_KEY!
);

export default supabase;
```

5. Test Page Setup

Created `src/app/test/page.tsx` to test listing fetch:

```
tsx
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'use client';
import { useEffect, useState } from 'react';
import supabase from '@lib/supabase';

export default function TestListingsPage() {
  // ... fetch listings and render
}
```

CLEANUPS & STRUCTURE CHANGES

6. Fixed Import Errors

- Refactored relative paths (`../../lib/supabase`) to absolute imports (`@/lib/supabase`)

Updated `tsconfig.json`:

```
json
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"paths": {
  "@/*": ["./src/*"]
}
```

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7. Folder Structure

```
bash
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src/
├─ app/
│   └─ test/
│       └─ page.tsx
├─ lib/
│   └─ supabase.ts
```

DEPLOYMENT TO VERCEL

8. GitHub Integration

- Connected Vercel to GitHub repo
- Changed default branch from `master` to `main`
- Reconnected Git in Vercel settings → linked correct repo and main branch

9. Fix Build Error

- Error was: `Cannot resolve ../../lib/supabase`
- Fixed by:
 - Ensuring correct import path
 - Adding the file to Git (`git add src/lib/supabase.ts`)
 - Committing and pushing to `main` branch

10. Vercel Deployment

- Set env variables in Vercel:
`NEXT_PUBLIC_SUPABASE_URL`
`NEXT_PUBLIC_SUPABASE_ANON_KEY`
-

SUPABASE SQL WORK

11. Manual Queries Executed

- `CREATE TABLE listings`
- `ALTER TABLE listings ENABLE ROW LEVEL SECURITY`
- `CREATE POLICY` for public reads

We saved these under "private" tab in Supabase SQL Editor
