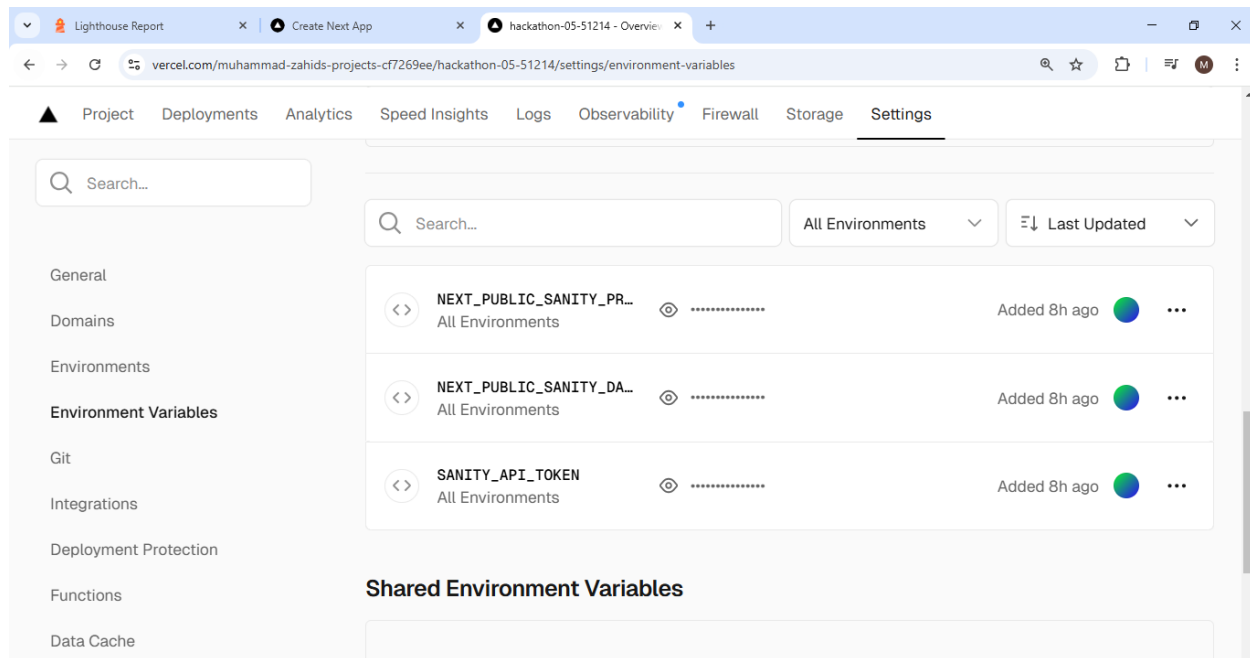# HACKATHON DAY 07:

LIVE DEPLOYMENT AND POST-LAUNCH PRACTICES:

ENVIRONMENTAL VARIABEL SECURELY ENABLED:

HTTPS AND .SSL ENABLED:

Since our **marketplace eCommerce website** is deployed on **Vercel**, HTTPS and SSL are automatically enabled by default. This ensures **secure data transmission**, **protection against man-in-the-middle attacks**, and **compliance with modern web security standards**.

1. Why HTTPS & SSL Matter?

0) **Encrypts data** between users and servers, preventing interception.
0) **Ensures authentication**, confirming that users interact with the real website, not a fraudulent one.
0) **Boosts SEO ranking**, as search engines prioritize secure websites.
0) **Prevents mixed content issues**, ensuring all assets load securely.

2. Vercel's Built-in HTTPS & SSL

- Vercel provides **free SSL certificates** for all deployed projects.

- **Automatic HTTPS redirect** is enabled, so all HTTP traffic is **automatically forwarded to HTTPS**.

- Uses **Let's Encrypt** for SSL/TLS certificate management.

3. Vercel Links

- **admin-panel-151214.vercel.app**
- **hackathon-05-51214.vercel.app**

CODEBASE SECURITY OR REPOSITORY MANAGEMENT:

By implementing strict repository security, secure coding practices, and access control measures, our eCommerce marketplace is protected against threats and unauthorized access. Our approach ensures a secure, scalable, and resilient system for both admins and customers.

MONITERING & ANALYTICS TOOL:

🔷 **Sentry (Error Monitoring & Debugging)**

- **Why?** Captures runtime errors and exceptions in real-time.

- **Features:**

    o Tracks frontend & backend errors

    o Provides stack traces and user session insights

    o Helps identify performance bottlenecks

```
import { withSentryConfig } from "@sentry/nextjs";

const moduleExports = {

}
const SentryWebpackPluginOptions = {

        silent: true,

    };

export default withSentryConfig(moduleExports, SentryWebpackPluginOptions )
```

"HACKATHON DAY 07 ENDS HERE THANK U"