

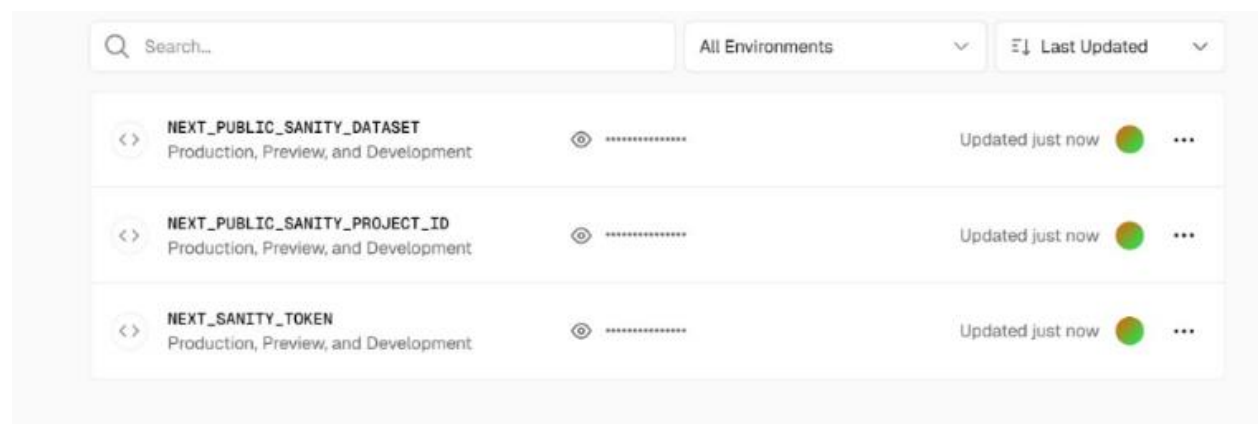
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DAY 7 - LIVE DEPLOYMENT AND POST-LAUNCH PRACTICES

Environment variables Configuration:

Configuring environment variables is a critical step in building a secure and scalable e-commerce platform. It involves storing sensitive information such as API keys, database credentials, and third-party service configurations in a secure `.env` file or environment settings. This ensures that sensitive data is kept separate from the codebase, enhancing security and simplifying deployment. Properly configured environment variables also enable seamless integration across different environments—development, testing, and production—allowing the platform to adapt dynamically without exposing sensitive details in the code.



SSL and HTTPS Enabled:

Ensuring the security and trustworthiness of our e-commerce platform, we have successfully enabled SSL and HTTPS. This critical implementation encrypts all data exchanges between our platform and users, safeguarding sensitive information such as payment details and personal data. With SSL and HTTPS, we provide a secure shopping experience, enhance user confidence, and comply with industry standards for data protection

<https://bandage-app-master.vercel.app/>

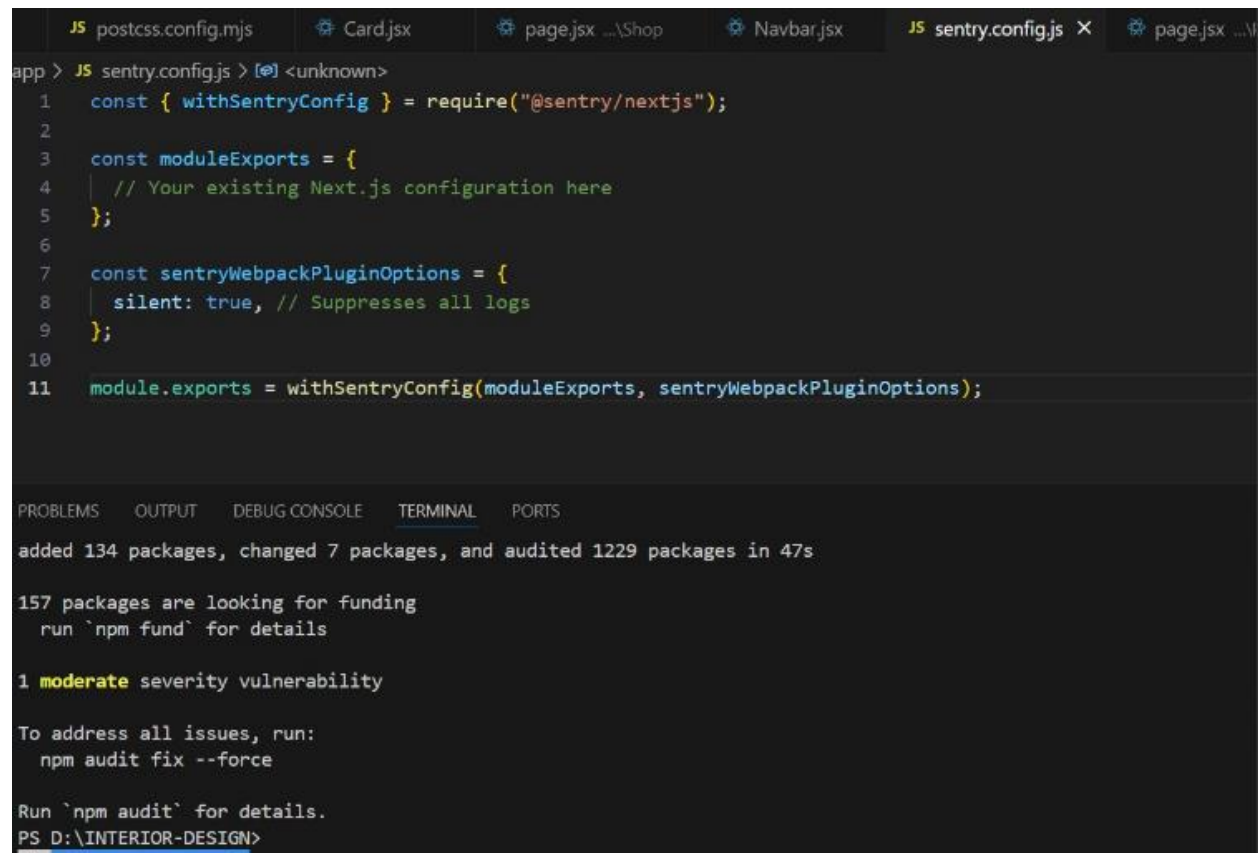
Performance Optimization:

Successful performance optimization is the backbone of any thriving e-commerce platform. By streamlining website speed, enhancing server response times, and optimizing code, businesses can provide a seamless user experience. Effective performance tuning not only boosts customer satisfaction but also improves search engine rankings, driving higher engagement and sales. Leveraging caching strategies, efficient database queries, and content delivery networks ensures scalability and reliability, even during peak traffic periods.

```
<div
  key={product.id}
  className=" overflow-hidden bg-transparent hover:shadow-md transition-shadow"
>
  <Image src={product.image} alt={product.title} width={500} height={500} className="w-full h-auto md:w-[238px] md:h-[500px] ml-auto mr-auto" />
  <div className="p-4 items-center text-center">
```

Monitoring And Analytic tool:

A successful monitoring and analytics tool is the backbone of any e-commerce platform, providing real-time insights into key performance metrics like traffic, sales, inventory, and customer behavior. It empowers businesses to track trends, identify bottlenecks, and make data-driven decisions to optimize user experience and maximize revenue. With features like customizable dashboards, predictive analytics, and automated alerts, this tool ensures seamless platform performance and helps in scaling operations effectively.



```
app > JS sentry.config.js > [⌕] <unknown>
1  const { withSentryConfig } = require("@sentry/nextjs");
2
3  const moduleExports = {
4    // Your existing Next.js configuration here
5  };
6
7  const sentryWebpackPluginOptions = {
8    silent: true, // Suppresses all logs
9  };
10
11  module.exports = withSentryConfig(moduleExports, sentryWebpackPluginOptions);
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
added 134 packages, changed 7 packages, and audited 1229 packages in 47s

157 packages are looking for funding
  run `npm fund` for details

1 moderate severity vulnerability

To address all issues, run:
  npm audit fix --force

Run `npm audit` for details.
PS D:\INTERIOR-DESIGN>
```

