

**Submission Title: “ Day 7-  
Live Deployment and Post Launch Practices**

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**Role # : 00053035**

**Date: 22-01-2025**

**1. Project Completion Summary**

- **Project Name : bandage-ecommerce**
- **Live URL : <https://hackathon-2-figma-5-77h2.vercel.app/>**
- **Completion Date : 25 -jan-2025**
- **Technology Stack : Next.js, Tailwind CSS, TypeScript, Sanity (CMS), Vercel (Deployment)**

**2. Key Achievements**

- **Successfully deployed a fully functional e-commerce platform.**
- **Implemented responsive UI with optimized performance.**
- **Integrated a secure and scalable backend (Sanity CMS).**
- **Developed a robust product filtering and sorting system.**
- **Enhanced user experience with a seamless cart and wishlist system**

**3. Environment Variables Securely Configure:**

## Project Settings

🔍 Search...

### General

Domains

Environments

Environment Variables

Git

Integrations

Deployment Protection

Functions

### Project Name

Used to identify your Project on the Dashboard, Vercel CLI, and in the URL of your Deployments.

vercel.com/zakia-baigs-projects/ bandage-ecommerce

Learn more about [Project Name](#) ↗

Save

### Build & Development Settings

When using a framework for a new project, it will be automatically detected. As a result, several project settings are automatically configured to achieve the best result. You can override them below.

Framework Preset

4.

DeploymentsAnalyticsSpeed InsightsLogsObservabilityFirewallStorageSettings

environments

Search...

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Domains

Environments

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Git

Integrations

Deployment Protection

Functions

Data Cache

Cron Jobs

Log Drains

Security

Advanced

All Environments

Select a custom Preview branch

Key		Value		
NEXT_PUBLIC_SANITY_PROJECT_ID	⚠	1i2buxfz	✎	⊖
NEXT_PUBLIC_SANITY_DATASET	⚠	production	✎	⊖
SANITY_API_TOKEN		skw3C2XLZ6eptiK1ggjNYrsXXHvDng3WGzCTD5Aae2YDffx8APtxMTb1xZdVZJBONPjRFxykpGbk6MxYwfrizIipePoMZimALGRxbKfVsPVfTQpOL58Awmz9zp6tFRWFpf2c7UjIX1AjM9hVR0mzJSY6uL0hSyAsAQVRafBuJJU4KTuLyIYx	✎	⊖

⊕ Add Another

📄 Import .env

 or paste the .env contents above

Save

☒ Automatically expose [System Environment Variables](#)

DeploymentsAnalyticsSpeed InsightsLogsObservabilityFirewallStorageSettings

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Search...

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All Environments

Select a custom Preview branch

Key		Value		
e.g., CLIENT_KEY			✎	⊖

⊕ Add Another

📄 Import .env

 or paste the .env contents above

Save

☒ Automatically expose [System Environment Variables](#)

Search...

All Environments

⌵ Last Updated

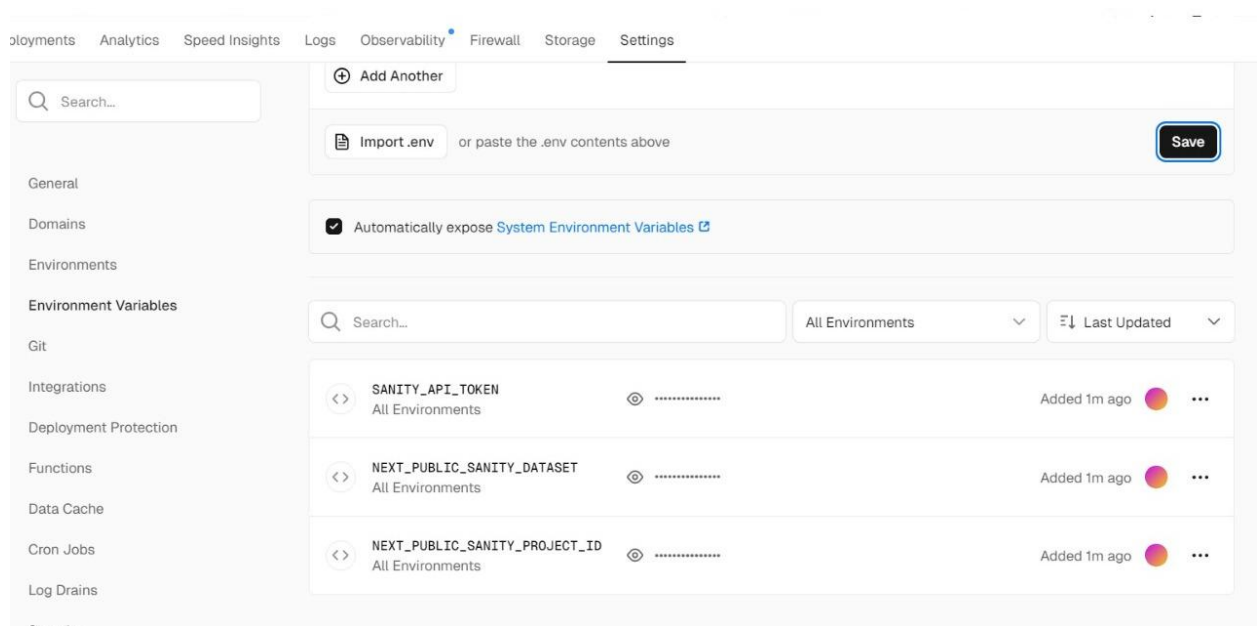
<> SANITY\_API\_TOKEN All Environments ⦿ .....

Added just now

<> NEXT\_PUBLIC\_SANITY\_DATASET All Environments ⦿ .....

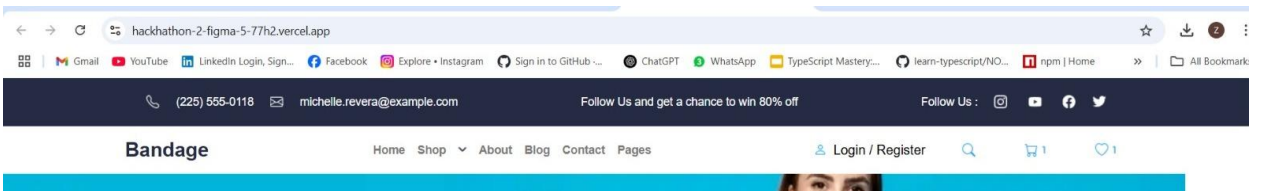
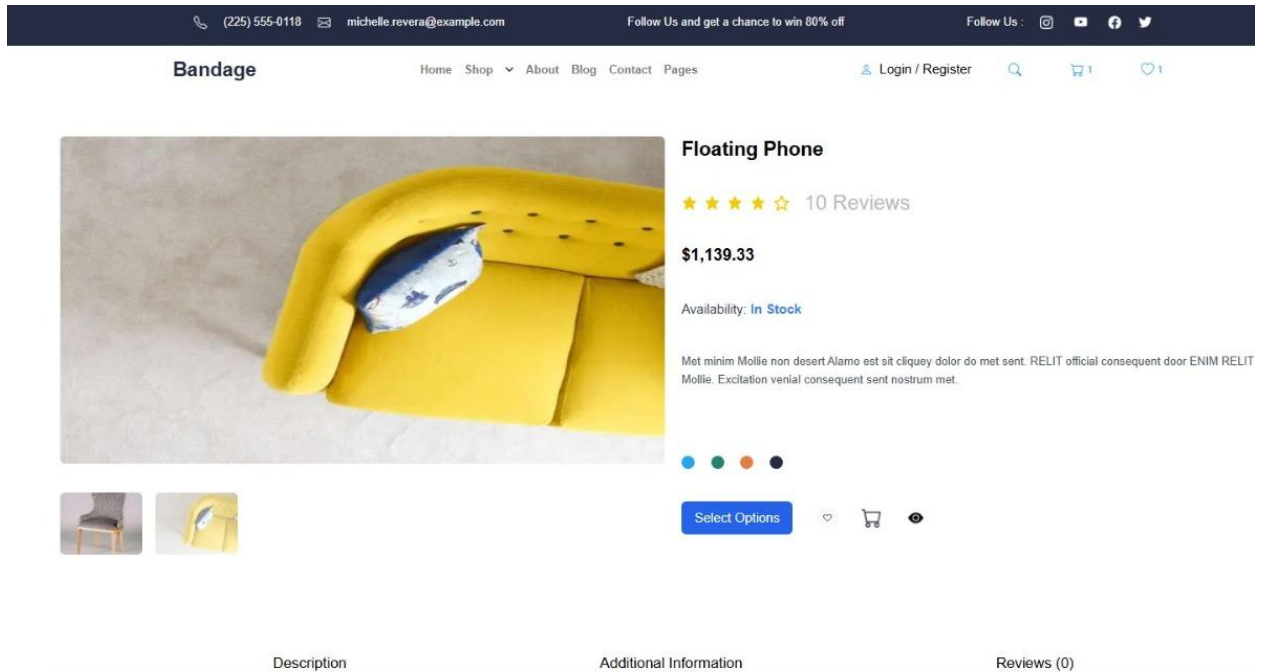
Added just now

Added Environment Variable successfully.



## 4. Deployment Details

- **Hosting Provider: Vercel**
- **Production Readiness Checks:** **SSL**, **SEO Optimization**, **Mobile Responsiveness**
- **Security Measures Implemented:** **HTTPS**, **Secure API Calls**, **Role-based Access**



## 5. Post-Launch Monitoring & Maintenance:

- **Monitoring Tools:** Google Analytics, Vercel Analytics
- **Bug Tracking:** [Your Bug Tracking System]
- **Scheduled Maintenance:** Regular updates for security & performance

## 6. Future Enhancements :

- **AI-powered recommendations**
- **Multi-vendor marketplace integration**
- **Advanced analytics dashboard**

## **7. Final Reflection :**

### **1. Challenges Faced & Solutions Implemented**

- **Sanity Data Fetching:** Faced issues with retrieving and displaying dynamic content.

*Resolved by optimizing GROQ queries, ensuring correct schema setup, and handling API responses efficiently.*

- **Vercel Deployment:** Encountered build failures due to environment variable misconfiguration. Fixed by properly setting environment variables in Vercel's dashboard and debugging deployment logs.

### **2. Lessons Learned from the Project**

- Gained a deeper understanding of efficient API fetching and data structuring in Sanity
- . • Learned best practices for managing environment variables and debugging deployment issues in Vercel.

### **3. How This Experience Contributes to Future Projects**

- Improved ability to handle headless CMS integrations and optimize API performance.
- Enhanced deployment workflow knowledge, ensuring smoother launches for future projects