

DAY 7

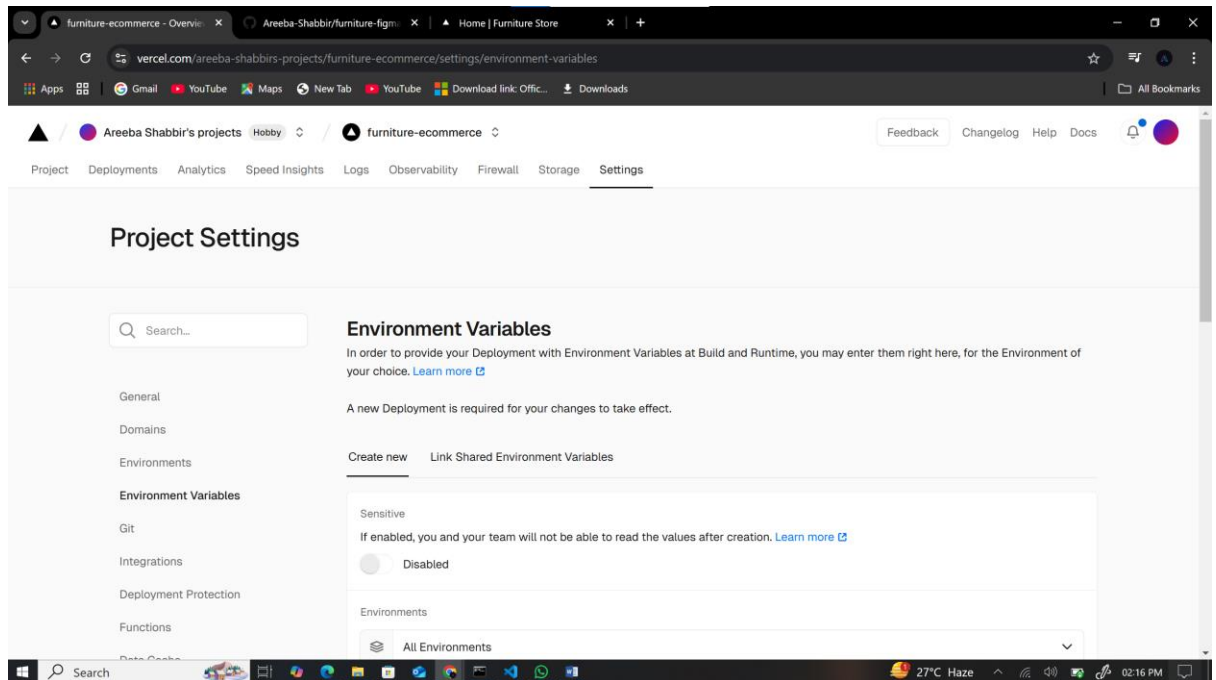
LIVE DEPLOYMENT AND POST-LAUNCH PRACTICES

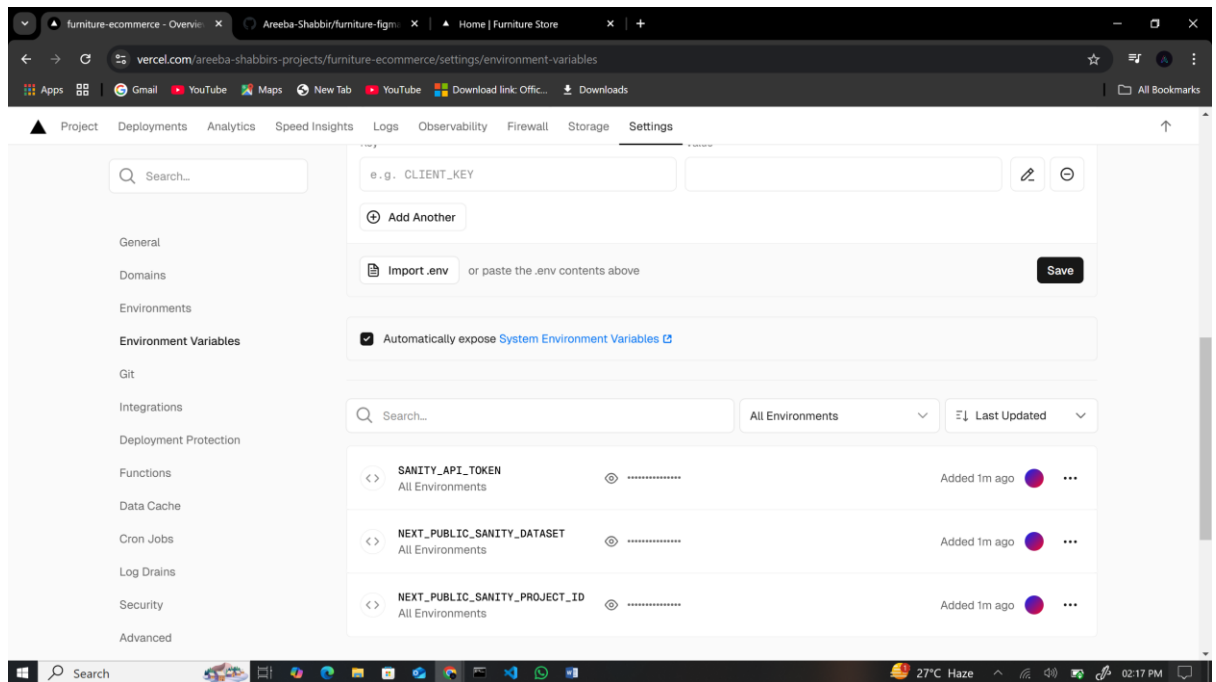
1. Project Completion Summary

- **Project Name:** furniture-e-commerce
- **Live URL:** <https://furniture-figma-9c7e.vercel.app/>
- **Completion Date:** 30-jan-2025
- **Technology Stack:** Next.js, Tailwind CSS, TypeScript, Sanity (CMS), Vercel (Deployment)

2. Key Achievements

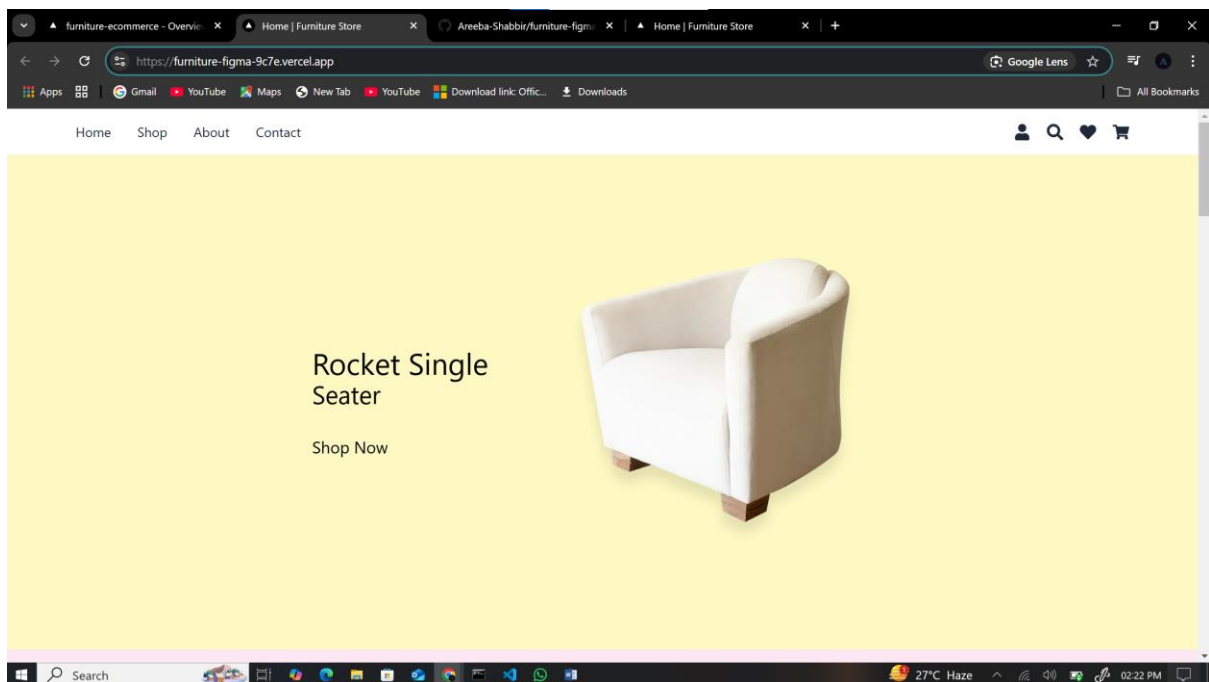
- Successfully deployed a fully functional e-commerce platform.
- Implemented responsive UI with optimized performance.
- Integrated a secure and scalable backend (Sanity CMS).
- Developed a robust product filtering and sorting system.
- Enhanced user experience with a seamless cart and wishlist system.

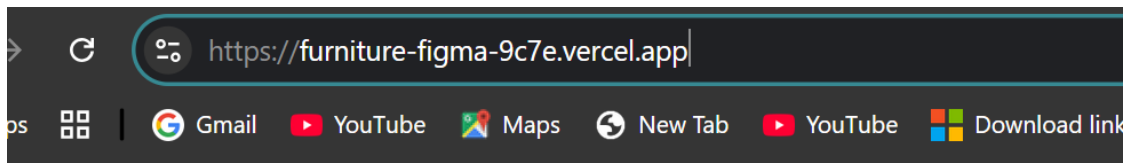




3. Deployment Details

- **Hosting Provider:** Vercel
- **Production Readiness Checks:** ✓ SSL, ✓ SEO Optimization, ✓ Mobile Responsiveness
- **Security Measures Implemented:** HTTPS, Secure API Calls, Role-based Access
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4. Post-Launch Monitoring & Maintenance

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

5. Future Enhancements

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

6. 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.