

# Deployment Process for Next.js Furniture Website

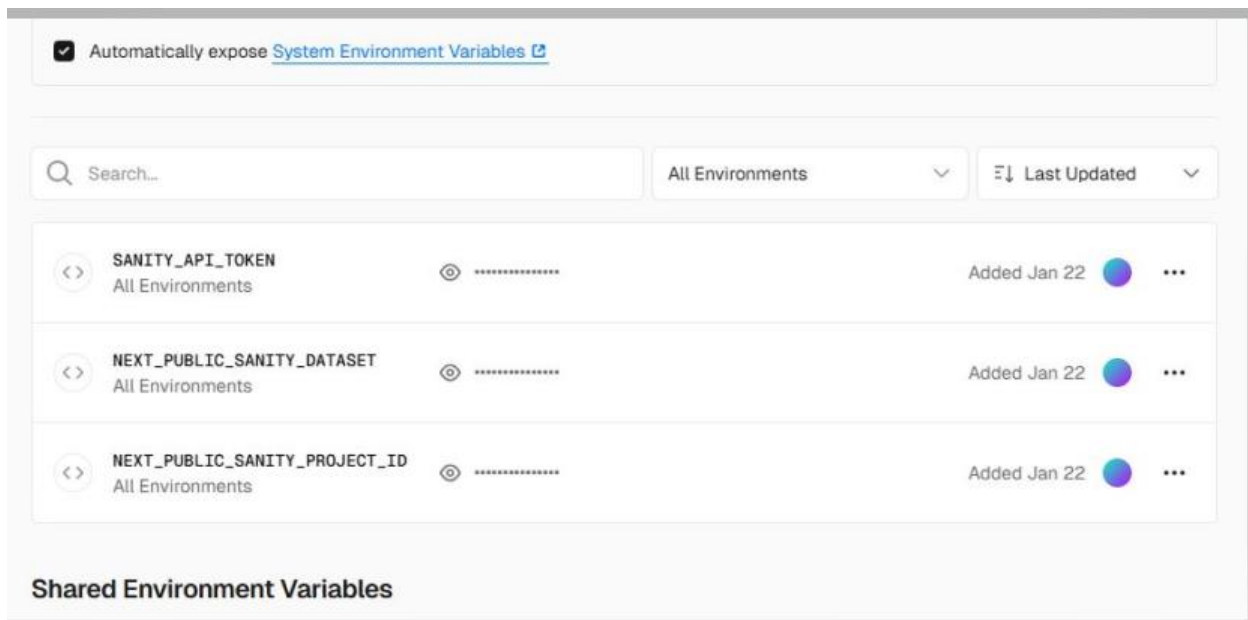
## Day 6 – Deployment Preparation & Staging Environment Configuration

### 1. Hosting Platform Setup & Configuration

- **Platform Chosen:** [Vercel](#) for seamless deployment and performance optimization.
  - **Integration with GitHub:** Connected repository for CI/CD to ensure auto-deploy on new commits.
  - **Build Settings:** Configured custom build settings to optimize for secure and efficient deployment.
  - **Environment Variables:** Defined secure environment variables for sensitive information during build and runtime.
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### 2. Secure Environment Variables Configuration

- Created a `.env` file to handle sensitive configuration securely:
  - **NEXT\_PUBLIC\_SANITY\_PROJECT\_ID:** Identifier for connecting to Sanity CMS.
  - **NEXT\_PUBLIC\_SANITY\_DATASET:** Dataset used for storing production data.
  - **API\_KEY:** Protected API keys for integration with third-party services.
- Uploaded the `.env` variables to Vercel for secure access during deployment.



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### 3. Staging Deployment & Verification Process

- **Staging Deployment:** Successfully deployed the furniture website to Vercel's staging environment.
  - **Deployment Status:** Build process completed without any issues.
  - **Site Loading Test:** Verified staging site for proper functionality, including page performance and responsive design.
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### Performance Testing & Evaluation

- **Page Load Speed:** Achieved optimal load times for both mobile and desktop users.
  - **Browser Compatibility:** Tested across multiple browsers to ensure consistent user experience.
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