Day 6: Deployment Preparation and Staging Environment Setup

1. **Project Deployment on Vercel**
   o The project was successfully deployed on Vercel.
2. **Environment Variables Setup**
   o Added necessary environment variables to the project to ensure smooth functionality.
   o The environment variables were stored in the `env.local` file for local development and also added directly on Vercel for production use.
   o Ensured sensitive information like API keys and other settings were securely managed.
3. **Updating `README.md`**
   o Updated the `README.md` file to document the work completed from Day 1 to Day 6.
   o The document includes:
     ▪ Business goal setting and target audience identification.
     ▪ System architecture design and API integration.
     ▪ Testing and fall-back UI setup.
     ▪ Backend integration with the shipment API and complete checkout functionality.
4. **Comprehensive Overview**
   o The `README.md` now provides a comprehensive overview of the entire project development process.

❖ **Conclusion**

From Day 1 to Day 6, significant progress has been made on this project, transforming it from an initial design concept into a fully functional e-commerce platform.

- **Day 1** started with setting the business goals and identifying the target audience, focusing on solving the problem of finding affordable and stylish furniture.
- **Day 2** was dedicated to creating the system architecture, providing a solid foundation for the development process.
- **Day 3** involved importing product data through the API and setting up the content in Sanity CMS for dynamic display on the site.
- **Day 4** focused on making components dynamic, ensuring the site adapts to different data inputs and states.
- **Day 5** included testing, fixing errors, and adding fall-back UI, improving the site's resilience.
- **Day 6** wrapped up with deployment, environment variable setup, and documentation updates, ensuring the site is production-ready.

The project is now fully functional and deployed, with clear documentation, a seamless user experience, and secure environment configurations.

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