I successfully deployed my project on Vercel, making it live and accessible at [[https://shopcomarketplace.vercel.app](https://shopcomarketplace.vercel.app/)] with the code available on GitHub at [<https://github.com/1nameAli/shopco-marketplace.gi>t].

Here’s what I did during the deployment:

* **Project Preparation:** Verified all files, dependencies, and configurations were ready for deployment.
* **Connecting to Vercel:** Linked my GitHub repository to Vercel for automatic deployment.
* **Environment Setup:** Configured environment variables in Vercel to ensure everything works correctly.
* **Deployment:** Used Vercel’s user-friendly platform to build and host the project.
* **Testing:** Checked the live site to confirm that all features and designs are functioning properly.

This deployment highlights my ability to launch and host projects efficiently on a platform like Vercel, ensuring they’re ready for production and easy to access.

Configuration of Environment Variables on Vercel

I have successfully created and configured the .env environment variables on Vercel. All sensitive data such as API keys, project IDs, and database URLs have been securely added through Vercel's dashboard under the Environment Variables section. This ensures secure access to the required data during deployment. Please find the attached image for reference

Staging Environment Testing Completion Report

I have completed the Staging Environment Testing to ensure the application is production-ready. Here's a summary:

* Testing Performed:

Functional Testing: Verified workflows like product listing, cart, and checkout. Performance Testing: Analyzed speed and load times using Lighthouse and GTmetrix.

Security Testing: Checked for SQL injection, ensured HTTPS and secure API communication. Responsiveness Testing: Tested layout across devices using browser tools.

* Test Results:

Documented test cases in a CSV format with ID, description, steps, expected/actual results, and status. Detailed results with images are included in the report.

Deployment Preparation and Staging Environment Setup

SHOP.CO