# **Day 6 - Deployment Preparation and Staging Environment Setup - Nike Shoe Marketplace**

## **Staging Environment Deployment**

### **Hosting Platform Setup**

* Platform: Vercel
* Repository Link: https://github.com/Uzairrrrrr/nike-GIAIC
* Staging URL: https://uzair-nike-store.vercel.app/

## **Environment Variable Configuration**

Variables Secured in Vercel:

* NEXT\_PUBLIC\_SANITY\_PROJECT\_ID
* NEXT\_PUBLIC\_SANITY\_DATASET
* STRIPE\_API\_KEY
* SHIPMENT\_TRACKING\_API\_KEY

Example .env File:

NEXT\_PUBLIC\_SANITY\_PROJECT\_ID=your\_project\_id

NEXT\_PUBLIC\_SANITY\_DATASET=production

STRIPE\_API\_KEY=your\_stripe\_key

SHIPMENT\_TRACKING\_API\_KEY=your\_shipment\_key

## **Staging Environment Testing**

### **1. Functional Testing**

| **Test Case ID** | **Description** | **Steps** | **Expected Result** | **Actual Result** | **Status** |
| --- | --- | --- | --- | --- | --- |
| TC601 | Product Listing Page Load | Navigate to staging URL | Products display | Products loaded | Passed |
| TC602 | Checkout Flow | Add item > Proceed to cart | Proceed to Checkout completes | Checkout confirmed | Passed |
| TC603 | API Error Handling | Simulate API failure | Error message displayed | Fallback UI shown | Passed |

### **2. Performance Testing (Lighthouse)**

| **Metric** | **Score** |
| --- | --- |
| Performance | 92 |
| Accessibility | 90 |
| Best Practices | 93 |
| SEO | 100 |

### **3. Security Testing**

* HTTPS enforced ✅
* API keys hidden in .env ✅

## **Documentation Updates**

### **GitHub Repository Structure**

├── documents/

│ ├── Day1\_Planning.pdf

│ ├── Day2\_Technical\_Foundation.pdf

│ ├── ... (Days 3-6 Reports)

├── src/

│ ├── components/

│ ├── pages/

│ └── ...

├── public/

├── README.md

└── test-reports/

└── lighthouse-report.pdf

### **README.md Highlights**

# Nike Shoe Marketplace

## Project Overview

A Next.js e-commerce platform integrated with Sanity CMS, Stripe, and shipment tracking APIs.

## Deployment

1. \*\*Staging URL:\*\* [Link]

2. \*\*Production Setup:\*\* Configure environment variables in Vercel.

## Test Reports

- [Performance Report](test-reports/lighthouse-report.pdf)

1. Test Reports: