Deployment Preparation and Staging Environment Setup

Overview

This document outlines the process of preparing the Car Rental eCommerce Marketplace for deployment and setting up a staging environment.

Steps Taken

1. Repository Preparation

i) Ensured all code was pushed to the main branch of our GitHub repository.

ii) Verified the presence of essential files: `next.config.js`, `package.json`, and `tsconfig.json`.

2. Vercel Setup

i) Created a new project on Vercel, linking it to our GitHub repository.

ii) Configured the build settings:

1. Framework: Next.js
2. Build Command: `next build`
3. Output Directory: `.next`

3. Environment Variables

1. Set up the following environment variables in Vercel:

NEXT_PUBLIC_SANITY_PROJECT_ID= Project ID

NEXT_PUBLIC_SANITY_DATASET= Data Set

SANITY_API_TOKEN= API Token

4. Deployment

1. Triggered the initial deployment to the staging environment.

2. Monitored the build logs for any errors or warnings.

5. Staging Environment Testing

1. Conducted functional tests:

2. Performed basic performance checks using browser developer tools.

3. Ensured responsiveness on different screen sizes.

6. Security Checks

1. Verified API keys are not exposed in the frontend code.