Day 6 Report: Deployment Preparation and Staging Environment Setup

Task Report: Premium Furniture & Decor Marketplace

OVERVIEW: Day 6 ka aim tha apne marketplace ko deployment ke liye tayar karna aur staging environment setup karna. Is stage ka focus ye tha ke application production-like environment me smoothly kaam kare.

Key Points:

1. Apne marketplace ke liye staging environment setup karna:

   o Ek hosting platform select karna jaise Vercel.

   o Apne GitHub repository ko hosting platform ke sath connect karna.

   o Build aur deployment settings configure karna.

   o Environment variables securely setup karna.

   o Application ki functionality validate karna staging environment me.

2. Deployment ki proper documentation create karna, including performance aur test case reports.

3. Project files aur documents ko structured tarike se GitHub repository me organize karna, jisme ek clear folder hierarchy ho aur README.md file bhi ho jo project summary de.

4. **STEPS**

Step 1: Hosting Platform Setup

- Vercel select kiya quick deployment ke liye.
- GitHub repo ko hosting platform se link kiya aur build settings configure ki.

Step 2: Environment Variables Configure Karna

- .env file create ki aur API keys aur sensitive data ko secure rakha.
- Hosting platform par environment variables securely add kiye.

Step 3: Staging Environment me Deploy Karna

- Application ko deploy kiya aur validate kiya ke site sahi kaam kar rahi hai.

Step 4: Testing

- Functional testing: Features jaise product listing, search, aur cart operations ko test kiya.

- Performance testing: [Google PageSpeed Insights](#) se speed aur responsiveness analyze ki.

Step 5: Documentation Updates

- Documentation folder create ki aur sari reports aur test results ko add kiya.
- README.md file create ki jo project ki activities ko summarize kare.
- Project files ko structured hierarchy me organize kiya.

Observations:

- Build process successfully complete hua aur deployment ke baad environment stable raha.
- Environment variables securely configure kiye gaye jo application functionality me issues ko prevent karte hain.
- Functional aur performance testing ke baad koi major bugs identify nahi hue.
- Documentation complete hai aur GitHub repository me structure follow kiya gaya.