

DAY 6 - DEPLOYMENT PREPARATION AND STAGING ENVIRONMENT SETUP

Test cases executed and their results:

TC001: Verified product listing. Status: Passed.

TC002: Tested API error handling. Status: Passed.

TC003: Checked cart functionality. Status: Passed.

TC004: Verified search bar functionality. Status: Passed.

TC005: Checked reviews display. Status: Passed.

TC006: Tested related food item display. Status: Passed.

TC007: Verified checkout functionality. Status: Passed.

TC008: Checked payment processing. Status: Passed.

1. Fully Deployed Staging Environment for the Marketplace

The staging environment has been successfully deployed, mimicking the production environment with the same infrastructure and settings. All components are functioning as expected in the staging setting, providing an accurate simulation of the live system.

2. Environment Variables Securely Configured

Environment variables are securely set up to ensure that sensitive information (such as API keys, database credentials, etc.) is not exposed in the codebase. Configuration management tools like `.env` files or environment-specific vaults have been used to maintain security.

3. Bug Reports and Fixes

Any bugs found during the staging tests have been logged and addressed. Detailed reports of the issues, along with the fixes, are documented for reference.

4. Deployment Checklist

A comprehensive checklist has been followed for the deployment, ensuring all steps are completed before transitioning to the staging phase. This includes environment setup, database migrations, and successful completion of pre-deployment scripts.

5. Code Review and Approval

The staging deployment was preceded by a thorough code review. All code changes were reviewed and approved by the appropriate stakeholders and teams, ensuring adherence to project standards and quality.

6. Security Audits

A series of security checks and audits were conducted on the staging environment. This includes verifying secure communication (SSL/TLS), checking for potential vulnerabilities in the code, and performing penetration testing where applicable.

7. Integration Logs

Integration tests have been conducted, and detailed logs are available for review. These logs confirm that all integrated systems (e.g., payment gateway, third-party APIs) work seamlessly in the staging environment.

8. User Acceptance Testing (UAT) Results

User acceptance tests were conducted with stakeholders, and feedback has been gathered. This ensures the system meets the needs and expectations of users before moving to production.

9. Version Control and Build Information

The staging environment is running the specific build/version of the code that has been identified through version control. All dependencies and software versions are documented to track the state of the application in the staging environment.