

1. Introduction

This document outlines the deployment process, performance evaluation, and test case reporting for QuickFood. It is intended for developers, QA engineers, and system administrators involved in the deployment and maintenance of the application.

2. Deployment Overview

Environment Details

- **Staging Environment:** The application is deployed on a staging environment hosted on Vercel. This environment mirrors the production setup to ensure accurate testing and validation.

Deployment Strategy

- **Deployment Method:** The deployment is carried out using a CI/CD pipeline via GitHub.
- **Deployment Schedule:** Deployment occurs as needed, following successful testing and approval in the staging environment.

3. Pre-Deployment Checklist

- Ensure all code changes are merged into the working branch.
- Confirm that the staging environment on Vercel is accessible and operational.

4. Deployment Steps

1. **Merge Working Branch to Main Branch:** Ensure all final changes are merged into the main branch.
2. **Connect Git Repository with Vercel:** Verify the GitHub repository is properly connected to Vercel for automated deployment.
3. **Setup Environment Variables:** Ensure all necessary environment variables are correctly configured on Vercel.

5. Post-Deployment Verification

- **Feature Validation:** Conduct thorough feature validation to ensure all functionalities work as expected in the staging environment.

6. Performance Reports

Performance Testing Overview

- **Objectives:** To assess the performance and responsiveness of the application on both mobile and desktop platforms.
- **Testing Tools:** Google PageSpeed Insights.

Test Environment

- **Environment:** Performance testing was conducted in the local development environment.

Results and Analysis

- **Mobile Performance:** [Google PageSpeed Insights - Mobile](#)
- **Desktop Performance:** [Google PageSpeed Insights - Desktop](#)

9. Appendix

Acronyms

- **CI/CD:** Continuous Integration/Continuous Deployment
- **API:** Application Programming Interface

References

- Vercel Documentation
- [Google PageSpeed Insights](#)