My Marketplace: Day 7 Assignment

Step 1: Live Deployment Steps

Objective:

Deploy My Marketplace to the live production environment, ensuring all configurations and integrations are production-ready.

Steps:

1. Secure Environment Setup:

   - Configure production environment variables for sensitive information (e.g., API keys, database credentials).

   - Ensure HTTPS is enabled using SSL certificates.

2. Codebase Management:

   - Keep the production repository private and separate from the staging repository.

   - Document deployment steps for future reference.

3. Hosting:

   - Use Vercel for hosting with optimized production configurations.

   - Validate the live site for operational readiness.

Step 2: Security Best Practices

Objective:

Implement measures to secure My Marketplace against vulnerabilities and protect user data.

Practices:

1. Penetration Testing:

   - Use OWASP ZAP to test for SQL injection, XSS, and CSRF vulnerabilities.

My Marketplace: Day 7 Assignment

   - Focus on critical areas like login authentication and payment systems.

2. Data Encryption:

   - Encrypt sensitive user data (e.g., passwords, payment details) with strong encryption standards.

3. User Management:

   - Implement role-based access control (RBAC) for employees.

   - Maintain a separate admin dashboard for secure admin functionalities.

4. Periodic Audits:

   - Schedule regular security audits to identify and mitigate risks.

Step 3: Monitoring and Maintenance

Objective:

Ensure the stability and reliability of My Marketplace through continuous monitoring and maintenance.

Steps:

1. Real-Time Monitoring:

   - Use tools like Google Analytics and Sentry for performance tracking and error detection.

2. Performance Optimization:

   - Regularly monitor site speed and responsiveness using Lighthouse.

3. Issue Management:

   - Maintain a log of bugs and improvements for continuous updates.

4. Scheduled Maintenance:

   - Plan downtime for updates and inform customers in advance.

My Marketplace: Day 7 Assignment

Objective:

Sustain long-term success by focusing on branding, marketing, and resource management.

Practices:

1. Branding:

   - Develop a professional logo and strong social media presence.

2. Marketing:

   - Use paid ads, SEO, and email campaigns to target customers.

   - Collaborate with influencers to boost visibility.

3. Investor Partnerships:

   - Pitch to potential investors with a focus on scalability and business potential.

   - Ensure contracts align with long-term goals.

4. Resource Management:

   - Automate inventory tracking and allocate resources effectively.