

DAY 7

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TIMING: SAT 9-12 PM

Steps for Day 7:

Go Live Practices:

1. Production Deployment

Environment Setup:

- Configure production environment variables securely.
- Ensure all sensitive data (e.g., API keys, database credentials) is encrypted and stored securely.

Secure Hosting:

- Use reliable hosting platforms like AWS, Azure, or Vercel.
- Enable HTTPS for all traffic using SSL certificates.

Codebase Management:

- Keep the production repository private to protect trade secrets and sensitive code.
- Separate staging and production repositories for better environment management.
- Document each step of your deployment process for reference in future projects.

2. Penetration Testing and Security

Penetration Testing:

- Test the application for vulnerabilities such as SQL injection, XSS, CSRF, and more.
- Use tools like OWASP ZAP or Burp Suite to identify and mitigate risks.

- Prioritize testing based on critical areas of your marketplace, such as payment systems, login authentication, and sensitive data handling.
- Focus on vulnerabilities that could compromise customer trust or operational efficiency.

Data Encryption:

- Encrypt sensitive user data (e.g., passwords, payment details) using strong encryption standards.
- Ensure secure data storage and transmission.

User Management:

- Implement role-based access control for employees.
- Maintain a separate admin dashboard to avoid exposing admin functionalities to the public.

Periodic Testing:

- Schedule recurring security audits to ensure the marketplace remains protected.

3. Disaster Recovery (DR) Planning

Backup Strategy:

- Schedule regular backups of databases and key assets.
- Store backups in multiple secure locations to prevent data loss.

DR Environment:

- Create a DR plan to restore operations in case of failure.
- Test the DR environment periodically to ensure reliability.
- Establish a chain of responsibility for DR implementation.

4. Monitoring and Maintenance

Monitoring Tools:

- Use tools like Google Analytics, Sentry, and Pingdom for real-time monitoring and issue tracking.

Performance Optimization:

- Regularly monitor site performance and optimize speed and reliability.

Issue Management:

- Maintain a detailed log of bugs and issues for continuous improvement.

Scheduled Maintenance:

- Plan downtime for updates and inform customers in advance

Checklist for Day 7:

- Deployment Checklist:

✓ X

- Security Checklist:

✓ X

- Post Go Live Checklist:

✓ X

- Business Pitch Deck:

✓ X

- Resume PDF:

✓ X