

Unix Training Academy (UTA) PWYW App - Production Launch Checklist

Pre-Launch Final Checks

- Test Full Form Submission Flow
- Confirm Stripe Live Mode is ON
- Test Successful Full Payment Checkout
- Test Successful Installments Payment Checkout
- Verify Emails are Sent via HostGator SMTP
- Ensure Google Sheet Logging is Correct
- Confirm Stripe Webhook Integration is Active
- SSL Certificate Installed on Domain (HTTPS)
- Verify Apache ProxyPass working properly (no 503 errors)
- Gunicorn and Systemd Service Running Smoothly
- Environment Variables are in ``.env`` (no hardcoding)
- Secrets and Credentials Safe (never pushed to GitHub)

Launch Steps

- Create GitHub Release v1.0 - 'Stable Pre-Production'
- Create a Launch Branch (launch-prep) off main

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- Point Domain to EC2 Elastic IP (if not done)
- Enforce HTTPS (Redirect HTTP to HTTPS)
- Push v1.0 tag and launch branch to GitHub
- Enable GitHub Protection Rules on Main Branch
- Backup Google Sheet Daily (set up backup plan)
- Backup Server Snapshot

Post-Launch Monitoring Checklist

- Stripe Dashboard Payment Logs (check daily for 7 days)
- Apache Error Logs (/var/log/httpd/pwyw_error.log)
- Gunicorn Service Health (sudo systemctl status pwyw)
- Google Sheet Entry Verification
- SMTP Email Delivery Monitoring (Sendgrid/HostGator)
- Periodic Full Test (every 3 days for 2 weeks)
- Visitor Tracking via Google Analytics

Maintenance Reminders

- Renew SSL Certificate before expiry

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- Check Stripe Webhook Secret Annually
- Clean Up ``.flask_session/`` Directory Regularly
- Monitor Disk Space (`df -h`) Weekly
- Apply OS Security Patches Monthly
- Schedule Infrastructure Upgrade Reviews (Quarterly)

UTA PWYW App Production Motto

"Build it stable, secure it strongly, monitor it daily."

Congratulations Richard Igwegbu!

You are now officially steps away from launching a world-class Pay-What-You-Want app!

Unix Training Academy is READY FOR LIFT-OFF!