

ENTERPRISE PUBLISHING MANAGEMENT SYSTEM

Roadmap, Architecture & System Blueprint

Document Date: 14 February 2026

1. Executive Summary

This document defines the structured roadmap and technical architecture for building an internal Enterprise Publishing Management System. The system covers book catalog management, author permissions, royalty tracking, marketplace distribution, legal documentation, and financial reporting.

2. System Scope

- Centralized Book & Author Management
- Permission & Contract Management per Book
- Marketplace Distribution Tracking
- Royalty Calculation & Financial Control
- Document Generation (Contract, Invoice, Report)
- Dashboard & Executive Monitoring

3. System Architecture

- Phase 1: Web Form + Google Drive (file storage) + Google Sheets (initial database)
- Phase 2: Migration to PostgreSQL (primary database)
- Backend Framework: Laravel (REST API based)
- Frontend: Livewire or Inertia.js
- Automation Layer: n8n (reminder & notification workflows)
- Infrastructure: VPS with SSL and scheduled backup
- Storage: Cloud storage for cover, contract, and documents

4. Core Modules

Master Data

- Book CRUD (title, ISBN, description, price, cover upload)
- Author management (contact, bank, tax ID)
- Marketplace registry
- Bulk CSV import

Permission & Legal

- Permission per book (Pending, Approved, Rejected, Expired)
- Royalty configuration per book
- Contract upload & archival
- Expiration tracking & reminders
- Audit trail logging

Marketplace Distribution

- Assign books to marketplace
- Store marketplace link
- Posting status tracking
- Approved-only distribution rule

Royalty & Finance

- Sales data import
- Automatic royalty calculation
- Invoice generation
- Payment tracking
- Export PDF & Excel

Dashboard & Monitoring

- KPI cards (Books, Authors, Approved, Pending)
- Sales analytics chart
- Royalty outstanding
- Contract expiration alerts
- Activity logs

5. Development Roadmap

Phase	Focus Area	Outcome
Phase 1	Book Upload + Google Integration	Operational basic catalog system
Phase 2	Permission & Legal Module	Controlled distribution readiness
Phase 3	Marketplace & Royalty Engine	Revenue tracking automation
Phase 4	Dashboard & Analytics	Executive visibility
Phase 5	Migration to PostgreSQL	Enterprise scalability

6. Governance & Security

- Role-based Access Control (Admin, Legal, Marketing, Finance)
- HTTPS secure communication
- Encrypted authentication
- Daily automated backup
- Audit log for all critical actions
- Contract archival compliance

END OF DOCUMENT