

WIGMOREAN

PLATFORM

Documentation v1.1.0

Think It. Map It. Prove It.

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| VERSION | 1.1.0 |
| MODULES | 26 WordPress Plugins |
| UPDATED | March 2026 |
| WEBSITE | wigmorean.com |

1. Architecture Overview

The Wigmorean Platform is a 26-module WordPress plugin suite built for legal education, practice management, and vertical-specific community operations. All modules share a common Core kernel and Platform Services layer. Satellite plugins depend only on Core — never on each other — and communicate via published WordPress actions and filters.

| Layer | Modules | Description |
|----------------|---------|--|
| Foundation | 01–04 | Theme, Installer, Core, Platform Services. Must be active before all others. Core owns the admin shell. |
| Education | 05–07 | Platform LMS, Program System, Academic Intelligence. Course engine, multi-year programs, grade management. |
| Operations | 08–10 | Integrations, CRM, Commerce. Stripe, Jitsi, Google Calendar bridges; contact management; e-commerce. |
| Features | 11–18 | Forms, Pro Theme, Meetings, Gallery, Live Classroom, Student Portal, AI Tutor, Marketplace. |
| Platform Tools | 19–24 | System Health, Updater, Platform OS, AI Platform, Data Lake, Community Engine. |
| Verticals | 25–26 | Spiritual Communities (module 25), NonProfit (module 26). Purpose-built for faith orgs and charities. |

Key constants: `WIGMOREAN_CORE_VERSION` (defined by 03), `WIGMOREAN_SERVICES_VERSION` (defined by 04). All modules 05–26 gate on these constants before initialising.

2. Installation Guide

Quick Install (Recommended)

- Step 1.** Upload `01_wigmorean-theme.zip` via Appearance → Themes → Upload. Activate.
- Step 2.** Upload `02_wigmorean-installer.zip` via Plugins → Upload Plugin. Activate.
- Step 3.** Go to **Wigmorean Setup** in the admin sidebar. Click **Install / Activate Platform**.
- Step 4.** Upload and activate any vertical plugins (25, 26) the same way.
- Step 5.** Go to **Wigmorean** → **Platform OS** and click **Run One-Click Setup** to auto-create all pages.

Server Requirements

| | |
|-----------|---|
| WordPress | 6.3 or higher |
| PHP | 8.1 or higher (PHP 8.0+ treats undefined constants as fatal errors) |
| MySQL | 5.7+ or MariaDB 10.3+ |
| Memory | 256 MB recommended (512 MB for AI features) |

| | |
|-----------------------|---|
| Execution Time | 120 seconds recommended for AI generation tasks |
| DB Prefix | Any prefix supported. Live site uses wp_xr_ |

3. Plugin Reference — All 26 Modules

| # | Plugin Name | Category | Key Tables / Features |
|----|-----------------------|-----------|---|
| 01 | Wigmorean Theme | UI | Skin-agnostic, Customizer-driven. Black-gold scholarly palette. Importable p |
| 02 | Wigmorean Installer | Infra | One-click suite activation in dependency order. Nonce-protected. Creates to |
| 03 | Wigmorean Core | Infra | Platform kernel. Top-level Wigmorean menu. Module registry. Shared DB s |
| 04 | Platform Services | Infra | Service registry. Event bus. Centralised logging. Required by all modules 0 |
| 05 | Platform LMS | Education | Course/lesson engine. Enrolment. Progress tracking. Proof engine integrati |
| 06 | Program System | Education | Multi-course programs. Semester structures. Prerequisites. Cohort manage |
| 07 | Academic Intelligence | Education | Gradebook. Assessments. Transcripts. Digital certificates with verifiable has |
| 08 | Integrations | Infra | Stripe, WooCommerce, Jitsi, Google Calendar bridges. External API adapte |
| 09 | CRM | CRM | Contact & matter management. Email campaigns. Drip sequences. Client p |
| 10 | Commerce | Commerce | Product catalogue. Orders. Stripe subscriptions. Webhooks. Nested under V |
| 11 | Forms | Tools | Legal form builder. Jurisdiction, Case Type, Evidence Type fields. Condition |
| 12 | Wigmorean Pro | Theme+ | 13 premium theme modules: sticky header, mega menu, blog layouts, Woo |
| 13 | Meetings | Collab | Jitsi integration. Scheduled meetings. Recording management. Attendance |
| 14 | Gallery | Media | Album management. Lightbox viewer. Course-linked media assets. |
| 15 | Live Classroom | Collab | Real-time Jitsi sessions. Screen share. Breakout rooms. Attendance logs. |
| 16 | Student Portal | Education | Student dashboard. Progress. Transcripts. Certificate download. |
| 17 | AI Tutor | AI | Student-facing AI chat. Knowledge-base queries. Contextual answers again |
| 18 | Marketplace | Commerce | Course marketplace. Instructor storefronts. Revenue-sharing. |
| 19 | System Health | Infra | Health dashboard. Plugin status. DB table verification. Error log viewer. |
| 20 | Platform Updater | Infra | Licence key management. Update roadmap tracker. |
| 21 | Platform OS | Infra | Master control panel. One-click page creation. Suite health check. 16 pages |
| 22 | AI Platform | AI | Admin AI hub. Course Generator. Campus Architect. Knowledge Engine. G |
| 23 | Data Lake | Infra | Metadata-only asset store. Provider abstraction: local / Google Drive / Drop |
| 24 | Community Engine | Community | Student communities. Study groups. Threaded discussions. Member manag |
| 25 | Spiritual Communities | Vertical | 10 DB tables. Congregations, gatherings, pastoral care, tithing/pledges, sac |
| 26 | NonProfit | Vertical | 10 DB tables. Organizations, volunteers/shifts, grant pipeline, donors, camp |

4. WordPress Pages Auto-Created on Activation

| Page Title | Slug | Shortcode | Created By |
|-----------------------|-----------------|---------------------------|-----------------|
| Courses | courses | [wig_courses] | 03 Core / 21 OS |
| Lessons | lessons | [wig_lessons] | 03 Core / 21 OS |
| Student Dashboard | dashboard | [wig_dashboard] | 21 OS |
| Programs | programs | [wig_programs] | 21 OS |
| Communities | communities | [wig_communities] | 21 OS |
| Calendar | calendar | [wig_calendar] | 21 OS |
| Library | library | [wig_library] | 21 OS |
| Cart | cart | [wig_cart] | 21 OS |
| Checkout | checkout | [wig_checkout] | 21 OS |
| My Account | account | [wig_account] | 21 OS |
| Meetings | meetings | [wig_meetings] | 21 OS |
| Live Classroom | live-classroom | [wig_live_classroom] | 21 OS |
| Marketplace | marketplace | [wig_marketplace] | 21 OS |
| AI Tutor | ai-tutor | [wig_ai_tutor] | 21 OS |
| Global Campuses | global-campuses | [wig_campuses] | 21 OS |
| Subscriptions | subscriptions | [wig_subscriptions] | 21 OS |
| Gatherings & Services | gatherings | [wig_sc_gatherings] | 25 Spiritual |
| Prayer Requests | prayer-requests | [wig_sc_prayer_request] | 25 Spiritual |
| Small Groups | small-groups | [wig_sc_small_groups] | 25 Spiritual |
| Give / Tithe | give | [wig_sc_donate] | 25 Spiritual |
| Sacred Library | sacred-library | [wig_sc_sacred_library] | 25 Spiritual |
| Donate | donate | [wig_np_donate] | 26 NonProfit |
| Volunteer | volunteer | [wig_np_volunteer_signup] | 26 NonProfit |
| Our Impact | impact | [wig_np_impact] | 26 NonProfit |
| Fundraising Campaigns | campaigns | [wig_np_campaigns] | 26 NonProfit |

5. Database Schema

All tables use the WordPress table prefix (live site: `wp_xr_`). Tables are created via `dbDelta()` on plugin activation. Requires `require_once ABSPATH . "wp-admin/includes/upgrade.php"` before calling `dbDelta`.

Foundation & Tenancy (Module 03)

`wig_schools`, `wig_departments`

LMS (Modules 05–07)

`wig_courses`, `wig_lessons`, `wig_enrollments`, `wig_programs`, `wig_program_courses`, `wig_grades`, `wig_certificates`, `wig_transcripts`, `wig_analytics_events`

CRM (Module 09)

`wig_crm_contacts`, `wig_crm_matters`, `wig_crm_notes`

Community (Module 24)

`wig_communities`, `wig_community_members`

Gallery (Module 14)

`wig_gallery_albums`, `wig_gallery_items`

AI Platform (Module 22)

`wig_ai_generations`, `wig_ai_knowledge_base`

Data Lake (Module 23)

`wig_datalake_assets`, `wig_datalake_documents`

Spiritual Communities (Module 25)

`wig_sc_congregations`, `wig_sc_gatherings`, `wig_sc_attendance`, `wig_sc_pastoral_notes`, `wig_sc_prayer_requests`, `wig_sc_pledges`, `wig_sc_gifts`, `wig_sc_sacred_texts`, `wig_sc_small_groups`, `wig_sc_small_group_members`

NonProfit (Module 26)

wig_np_organizations, wig_np_volunteers, wig_np_shifts, wig_np_shift_signups, wig_np_grants,
wig_np_grant_milestones, wig_np_donors, wig_np_donations, wig_np_campaigns,
wig_np_impact_metrics

6. Vertical Modules — Spiritual Communities & NonProfit

25. Wigmorean Spiritual Communities

Provides complete spiritual community management. Extends Core and Platform Services via hooks; integrates with CRM (contact_id references) and Commerce (gift/pledge payments) without hard dependencies.

| Feature | DB Table(s) | Admin Section | Shortcode(s) |
|--------------------------------|---|-----------------------|-------------------------|
| Congregation Management | wig_sc_congregations | Congregations | — |
| Gathering & Service Scheduling | wig_sc_gatherings, wig_sc_attendance | Gatherings & Services | [wig_sc_gatherings] |
| Pastoral Care Notes | wig_sc_pastoral_notes | Pastoral Care | — |
| Prayer Requests | wig_sc_prayer_requests | Pastoral Care | [wig_sc_prayer_request] |
| Tithing & Pledges | wig_sc_pledges, wig_sc_gifts | Tithing & Giving | [wig_sc_donate] |
| Sacred Text Library | wig_sc_sacred_texts | Sacred Library | [wig_sc_sacred_library] |
| Small Groups | wig_sc_small_groups, wig_sc_small_group_members | Small Groups | [wig_sc_small_groups] |

Dashboard Metrics (Module 25 Overview Page)

The overview dashboard displays six stat cards drawn live from the database: Active Congregations, Upcoming Services (next 7 days), Active Prayer Requests, Active Small Groups, This Month's Giving (sum of wig_sc_gifts.amount), and total Published Sacred Texts.

Tithing & Giving — Business Logic

Gifts are recorded in wig_sc_gifts. Pledges (recurring commitments) are tracked separately in wig_sc_pledges with frequency (weekly/monthly/annual), start/end date, total_pledged, and total_received. Acknowledgement workflow: admin dashboard shows pending acknowledgement count with a one-click send action.

26. Wigmorean NonProfit

Covers the complete operational lifecycle of charities, foundations, advocacy organisations, and humanitarian NGOs. Extends Core and Platform Services. Donor records include a contact_id foreign key for CRM integration. Campaign donations auto-update raised_amount on wig_np_campaigns via atomic SQL UPDATE.

| Feature | DB Table(s) | Admin Section | Shortcode(s) |
|-----------------------|----------------------|---------------|---------------------------|
| Organisation Profiles | wig_np_organizations | Organizations | — |
| Volunteer Roster | wig_np_volunteers | Volunteers | [wig_np_volunteer_signup] |

| | | | |
|-----------------------------|--|------------------|--------------------|
| Shift Scheduling & Sign-ups | wig_np_shifts, wig_np_shift_signups | Volunteers | — |
| Grant Pipeline | wig_np_grants, wig_np_grant_milestones | Grant Tracker | — |
| Donor Management | wig_np_donors | Donors | — |
| Donation Recording | wig_np_donations | Donors | [wig_np_donate] |
| Fundraising Campaigns | wig_np_campaigns | Campaigns | [wig_np_campaigns] |
| Impact Metrics | wig_np_impact_metrics | Impact & Reports | [wig_np_impact] |

Grant Pipeline Status Values

prospect → applied → awarded → reporting → rejected / closed. The Grant Tracker admin page orders rows by status priority (applied first, then prospect, then awarded) and highlights deadlines within 30 days on the dashboard notice.

Donation Business Logic

When a donation is recorded, the plugin runs two atomic SQL UPDATES: (1) donor lifetime_giving += amount, last_gift_date = date, largest_gift = GREATEST(largest_gift, amount), first_gift_date set if NULL, is_major_donor set when lifetime_giving crosses major_donor_threshold; (2) campaign raised_amount += amount if a campaign_id is provided.

7. API & Hook Reference

| Hook / Function | Type | Args / Returns | Description |
|-------------------------------|----------|----------------------------|--|
| wigmorean_platform_install | Action | — | Fired by Installer after all required modules are activated. |
| wig_register_courses | Action | — | Satellite course plugins hook here to register with LMS. |
| wig_sync_membership | Action | user_id | Trigger membership sync between LMS, Commerce, and C |
| wgm_form_submitted | Action | form_id, data | Fired by Forms on successful submission. |
| wig_user_can_access | Filter | bool, user_id, item_id | Return true/false to control course/lesson access. |
| wig_register_module() | Function | array \$args | Register a plugin with Core's module registry. |
| wig_label() | Function | string \$key | Return translated label string with fallback. |
| wig_datalake_store() | Function | string \$key, array \$meta | Store asset metadata in Data Lake. |
| wig_datalake_get() | Function | string \$key | Retrieve asset metadata by key. |
| wig_add_plugin_action_links() | Function | string \$basename | Core helper: add Settings + Docs links to plugins page. |

8. Troubleshooting

Plugin activation fatal error

Undefined constant. Ensure 03 Core is active before activating any other module. PHP 8.0+ treats undefined constants as fatal errors.

Pages return 404 after installation

Flush rewrite rules: Settings → Permalinks → Save Changes. Or re-run Platform OS One-Click Setup which calls `flush_rewrite_rules()` internally.

AI features show placeholder text

No OpenAI API key configured. Set it in Wigmorean → AI Platform → AI Settings.

Lesson count shows 0 in course catalogue

Timing issue. Lesson creation may have run before LMS DB tables initialised. Re-save the course or reactivate 05 Platform LMS.

Duplicate pages created

Older builds used `get_page_by_path()` which missed drafts/trashed pages. Current version uses `get_posts(post_status=>any)`. Delete duplicates manually via Pages.

Commerce subpages missing from Wigmorean menu

Pre-fix build created a top-level Commerce menu. Deactivate and reactivate 10 Commerce to apply the fix. The menu item now nests under Wigmorean.

DAG Builder Step 5 Add button non-functional

Open browser console. Verify: (1) Step 5 HTML elements are in DOM, (2) JS files are loading (Network tab), (3) event bindings fire (add `console.log` to handler). Pending diagnostic resolution.

Video embeds stripped

WordPress/Wigmorean server-side sanitisation strips raw `iframe` HTML. Use client-side JS injection via `video-embedder.js` to bypass sanitisation — confirmed working pattern in Abímbá Coding Program.

Spiritual Communities tithing dashboard shows \$0

Gifts not yet recorded. Use Admin → Wigmorean → Tithing & Giving → Record Gift form, or front-end `[wig_sc_donate]` shortcode.

NonProfit grant deadlines not showing in dashboard

Deadlines must be within 30 days and grant status must be prospect or applied. Grants with status awarded/closed are excluded from the alert.

9. Recommended Enhancements & Roadmap

27. REST API Gateway (Q4 2026)

Unified /wp-json/wigmorean/v1/ with JWT bearer auth, rate-limiting, and OpenAPI 3.0 schema. Enables mobile apps and third-party integrations.

28. Webhook Manager (Q4 2026)

Visual outbound webhook configuration: endpoint management per event type, delivery history with retry queue, payload inspector.

29. Notifications Engine (Q4 2026)

Unified notification bus: in-app bell, email digests, SMS via Twilio, push via OneSignal. Per-user preference management.

30. Automated Backup & DR (2027)

Scheduled export of all wig_* DB tables to Data Lake provider. 30-day rolling retention. One-click restore with pre-restore health check.

Reporting & Analytics Dashboard (enhancement to 07)

Visualise wig_analytics_events: enrolment funnels, completion heatmaps, revenue attribution, cohort retention curves, AI-generated insights.

Multi-Language / i18n (enhancement to 03)

wig_label() architecture already in place. Add: language pack installer, RTL stylesheet support, gettext .pot file generation per plugin.

Mobile App Companion (2027)

Electron/React Native wrapper consuming REST API Gateway. Offline-capable access to courses, AI Tutor, meetings, student portal.

Advanced Proof Engine Integration (enhancement to 05)

Embed DAG Builder directly into LMS lessons so a completed DAG analysis can serve as the lesson completion criterion.

Spiritual Communities: Online Giving Integration

Connect [wig_sc_donate] to Stripe via Commerce module for card-payment tithing. Auto-generate PDF tax receipts on gift record.

NonProfit: Salesforce NPSP Sync

One-way sync of wig_np_donors and wig_np_donations to Salesforce NPSP for organisations already invested in Salesforce.

