COSAMOAS.ONE

GROUP COMMUNICATIONS REALM — VERSION 1.2



Official logo and Lovable implementation brief

Use this supplied logo as the main visual identity of the Group Communications Realm. Carry its cosmic blue, gold, and luminous accents into the group directory, headers, and administrator dashboard. Keep text readable and controls accessible on mobile and desktop. Preserve the complete Version 1.1 functional specification on the following pages.

Asset handoff: For best results, also upload the original high-resolution PNG to Lovable as a separate image asset. Do not attempt to reconstruct text or fine details from the PDF cover.

COSAMOAS.ONE

GROUP COMMUNICATIONS REALM — VERSION 1.1

Updated implementation brief for Lovable | 26 October 2026

1. Purpose and vision

Build a mobile-friendly, accessible public group messaging area at www.cosamoas.one. Visitors can submit messages using a name or anonymously, optionally provide an email address, choose a country and state/province or anonymous location, and view approved messages. Every message requires manual administrator approval before publication.

2. Public group directory — 21 groups

- CREATOROLOGY
- MIND GATE OASIS
- COSAMOAS TECHNOLOGIES — Parent Company
- 01 — COMPUTRON
- 02 — Nexus Computronics
- 03 — C.R.E.A.T.E.
- 04 — E.C.O.R.E.S.
- 05 — Vitalion BioSphere
- 06 — A.T.O.M.S.
- 07 — CYBERCON
- 08 — E.X.O.R.I.O.N.
- 09 — LIVE SPACE
- 10 — PRODUCE ENERGY PRODUCTIONS
- 11 — Infinity Omni Realms Prime Park
- 12 — Club Serendipity
- 13 — In WEAR Of EnVisions
- 14 — SACORO-KAI
- COMPUTROM
- DemReLev Political Party
- FRUITORIS
- MISCELLANEOUS

COMPUTRON (division 01) and COMPUTROM are separate groups. Group names, descriptions, order, and enabled status must be editable by an administrator.

3. Public message submission form — updated

- **Group:** required selection from the group directory.

• **Name:** optional name/display name, or “Post anonymously”; when anonymous is selected, public display shows “Anonymous.”

• **Email address — NEW:** optional input with email-format validation and clear label “Email address (optional; never publicly displayed).” Allow submission without an email, including anonymous submissions. Do not infer consent to marketing or public disclosure from supplying an email.

• **Email preferences — NEW:** optional opt-in checkbox “Email me about the status of my submission” (unchecked by default). Only send status notices if opted in and an email was supplied. No mailing-list subscription without separate consent.

• **Location:** searchable country selector and conditional state/province/region list; “Location anonymous” option; allow no region if unavailable.

• **Timestamp:** server-generated submission and publication timestamps, timezone-aware on display.

• **Message:** required multiline text (suggested 2–3,000 characters), validated and safely rendered.

• **IP address:** collected server-side for security/moderation, never publicly displayed.

• **Consent:** checkbox for community rules and privacy notice; confirmation: “Your message is pending administrator approval.”

4. Approval and email notification workflow

• Every submission creates a PENDING record, invisible to public pages and unauthenticated APIs.

• Send a notification to LivingInEternal@yahoo.com (verify the complete recipient address before configuration) with group, name/anonymous selection, **provided email address or “Not supplied”**, location choice, submission timestamp, full message, and a private admin review link.

• IP information stays in the protected dashboard by default rather than in ordinary email. The administrator may review it after signing in.

• Email “Review / Approve” links open an authenticated dashboard; never publish directly from an unauthenticated link or GET request. Approval requires explicit confirmation.

• Admin can Approve, Reject, Delete, and remove already-approved posts; rejected or deleted posts are not published.

• Keep pending records available even if notification email fails; retry and log email delivery failures.

5. Private administrator dashboard

Login-protected moderation queue with pending/approved/rejected/deleted filters; search by group, date, message and, for authorized administrators only, supplied email address. Message detail shows email, name choice, location, timestamps, message, private IP record, and moderation history. Include approve/reject/remove controls, bulk actions with confirmation, group management, spam reporting, and an audit log. Restrict access by role.

6. Public group pages

Show searchable group directory, individual group pages, approved posts only, newest-first sorting, pagination, posting form, rules and report-message control. Public messages show chosen display name or Anonymous, chosen location or Anonymous, and published timestamp. **Never show email addresses, IP addresses, internal notes, or moderation data** in HTML, APIs, feeds, search results, or structured metadata.

7. Privacy, security and data handling

• Use HTTPS, authenticated role-based access, row-level permissions, server-side validation, output escaping, rate limiting, spam/bot protection, and audit logging.

• Email addresses and IP addresses are personal information. Store privately with limited administrator access, use only for disclosed purposes, set retention/deletion policies, and document collection in the privacy notice.

• Never include email addresses or IP addresses in public URLs. Keep email notification content limited to what is necessary and avoid exposing sensitive data through logs.

• Provide a privacy contact/removal request mechanism; do not expose contributor email addresses to other users. Do not use submitted email addresses for promotions without separate explicit opt-in.

• Apply community rules for harassment, threats, spam, and unlawful content; evaluate applicable privacy/age rules before launch.

8. Suggested database schema

Groups: id, slug, title, description, display_order, enabled.
Messages: id, group_id, display_name_nullable, anonymous_name, **email_address_nullable (private), email_status_opt_in (boolean)**, country_nullable, region_nullable, anonymous_location, body, status, submitted_at, published_at_nullable, ip_address_private, moderation_reason_nullable.
Moderation actions: id, message_id, admin_id, action, timestamp, reason.
Admin accounts: user_id, role. Optional: reports, notification delivery events, retention jobs.

9. Email integration

Use a secure transactional email provider supported by the application backend; configure verified sender domain, SPF/DKIM/DMARC and protected credentials. Deliver admin notifications to LivingInEternal@yahoo.com after address verification. Include provided submitter email only in private notifications. Keep approval controls behind authentication and CSRF protection. Test delivery and retries.

10. Acceptance tests

• All 21 groups are available and administrator-editable.

• Named and anonymous posting work with email blank or supplied; invalid email input is rejected.

• Optional email is stored privately and correctly appears in the admin message detail and private notification.

• No email address or IP is exposed in public HTML, APIs, feeds, or indexing.

• Anonymous identity/location selections display correctly; country/region selectors work.

• Pending posts are invisible publicly; admin approval requires login and deliberate action.

• Approved posts display in the correct group; admin deletion removes public access immediately.

• Email status notices are sent only when the submitter opts in; admin notifications work regardless of submitter email.

• Rate limits, anti-spam, input sanitization, and database access controls pass tests.

11. Build phases and Lovable instruction

Phase 1: directory, submission form including optional email, private storage, pending queue, secure admin moderation, notification emails. **Phase 2:** reporting, search, anti-spam, audit log, privacy retention automation. **Phase 3:** optional replies, accounts, attachments and other enhancements after owner approval.

Copy-ready instruction: Update COSAMOAS.ONE Group Communications Realm from V1.0 to V1.1. Preserve every existing group, manual approval rule, private IP record, location options, and secure administrator email workflow. Add an OPTIONAL private submitter email field and separate opt-in for status updates. Show supplied email in private admin records and notifications only; never publish it. Provide a working preview, schema, permissions, email setup, and acceptance test results before production deployment.