

FUN Member Hub — Product Description

FUN Member Hub is the all-in-one membership, event, and booth-management platform built for the Florida United Numismatists (FUN). It replaces spreadsheets, paper applications, and ad-hoc email threads with a single secure web app that members, applicants, and staff can use from any device.

What it does

For the public & members

- **Public landing site** with bylaws, calendar, trust/security page, and contact info.
- **Online membership application** (/apply) with built-in PayPal checkout for dues.
- **Self-service member portal** — sign in to view status, renew, and update profile details.
- **Email confirmations** for every important step: application submitted, approved, status changed, payment received, booth assigned, and renewal reminders.

For staff & admins

- **Admin dashboard** (/admin) with tabs for Members, Booths, Events, Volunteers, Staff, Audit, and Trash.
- **Real-time multi-device sync** — when one staffer approves a member or assigns a booth, every other open admin screen updates within ~250ms. Unlimited concurrent staff sessions.
- **Member management** — search, filter, edit, approve, soft-delete, restore, and CSV export/import.
- **Booth management** — 3D floorplan view + table view, section-aware numbering, assignments, waitlist, and pricing.
- **Event management** — multiple events, dealer setup dates, active-event toggle.
- **Staff invites with 6-digit PIN** — founders invite staff by email; new staffers redeem a PIN to claim their account.
- **Role-based access** — founder , admin , staff , with roles stored in a separate, hardened user_roles table.
- **Audit log** of every sensitive action.
- **Soft-delete + 120-day trash** with one-click restore.

- **Google Sheets backup** hook and **renewal reminder** cron.
- **PayPal webhook** for automated payment reconciliation.

Security & reliability

- Row-Level Security (RLS) on every table; staff-scoped policies enforced at the database.
- Authenticated server functions with bearer-token attachment.
- Auth options: email/password and Google sign-in.
- Leaked-password protection (HIBP) available.
- Transactional email queue with suppression list and unsubscribe tokens.
- All secrets (PayPal, Sheets, cron) stored server-side only.

Tech at a glance

React 19 + TanStack Start (SSR) on Cloudflare Workers, Tailwind v4, shadcn/ui, Supabase (Postgres + Auth + Realtime), PayPal, React Email + transactional queue.

Why it matters

Before: paper applications, manual PayPal lookups, mailed-back welcome letters, spreadsheet booth maps. After: a member can apply, pay, and be approved in minutes; staff can run the show together from phones, tablets, or laptops on the convention floor — with a permanent audit trail and automatic email confirmations behind every action.