

Grookai Vault – Implementation Checklist by Phase

Phase 1 (MVP – Core Foundation)

- Reference Data: card_prints, sealed_products, sealed_barcodes with indexes & seeds.
- User Collections (singles): schema updates, condition fields, RLS, indexes.
- User Collections (sealed): new table, RLS, indexes.
- Vendor Shops (MVP): vendor_shops, vendor_inventory, vendor_sealed_inventory with RLS.
- Scan to Match (singles, no photo storage): exact & fuzzy match with confirmation sheet.
- AI Condition (non-grading): condition_ai_estimate, confidence, manual override.
- Barcode Scan (sealed): scan UPC/EAN to match sealed_products.
- App UX & Screens: tabs for Singles/Sealed, CRUD for both, Vendor shop screens.
- RLS policies tested with multiple users.
- Copy/disclaimers for condition (not grading) and privacy (no photo storage).

Phase 2 (P2 – Intelligence & UX Lift)

- Portfolio metrics: totals, cost basis, sealed vs singles.
- Binder/grid view for singles (9-pocket style).
- Price tracking for sealed products (charts, MSRP vs market).
- Alerts for sealed (out-of-print spike, restock).
- Vendor bulk add (CSV import, barcode batch mode).
- Wishlist/watchlist for collectors.
- Following: shops & collectors with feed of updates.
- Basic feed UI (shop adds items, new sealed listed).

Phase 3 (P3 – Marketplace & Social Expansion)

- In-app checkout integration (Stripe Connect with KYC).
- Vendor subscriptions (Pro tier with analytics, bulk scan, branding).
- Transaction fee logic (stay below eBay/TCGplayer).
- In-person sale flag (0% fee).
- Vendor analytics dashboard (views, wishlist counts, sales performance).
- Sponsored/featured listings.
- Vault Cash credits/wallet system.
- Advanced social: chat, community features.

Ongoing / Technical Tracks

- Migrations & environments: dev/staging/prod separation, idempotent scripts.
- Testing: unit, widget, golden, RLS tests ($\geq 70\%$ coverage).
- CI/CD pipeline: format, analyze, test on PR.
- Telemetry: scan success rate, confidence distribution (no images).
- Admin panel: vendor/shop counts, scans used, daily adds.