REPLIT AI PROMPT – URL SHORTENER EARNING SYSTEM EXTENSION

Context:
I have an existing URL shortener platform with users, authentication, link shortening, and analytics already implemented.
The platform uses USD as the internal balance currency.
I want to extend it with secure earning, referral, and withdrawal features.

FEATURE 1: FaucetPay Withdrawal (Manual Admin Approval)

- Platform balance stored in USD
- Users can add one FaucetPay email
- Withdrawal requests are pending until admin approval
- Admin triggers FaucetPay API payout manually
- Admin controls minimum withdrawal, supported coins, enable/disable FaucetPay
- Log all payouts with full audit trail

FEATURE 2: Task Page With Manual Review

Admin can:
- Create, edit, pause, delete tasks
- Set reward amount (USD)
- Require proof (screenshot, link, username)

User flow:
- Submit task proof
- Status pending
- Admin approves or rejects
- Approved tasks credit USD balance

FEATURE 3: Offerwalls Integration (CPAGrip + AdBlueMedia)

- Secure postback handling
- Validate user, prevent duplicate completions
- Credit USD balance after validation
- Log network, offer ID, payout, IP, timestamp
- Admin can enable/disable each offerwall

FEATURE 4: Secure Referral Tracking System

- Unique referral code per user
- Referral starts as pending
- Referral becomes valid only after:
* Referred user shortens at least 3 links
* Completes required social follow task
* Submits screenshot or profile link
* Admin approval
- Referral reward in USD
- Reward amount controlled from admin panel
- One-time credit per valid referral

Security:
- IP duplication detection
- Email verification
- Account age validation
- Server-side enforcement only

- Database indexes on referral and transaction tables

General Requirements:
- Use transactions for balance updates
- Log all money movements
- Do not trust client-side logic
- Include database schema and backend logic
- Include admin-only middleware