# EdgeBook.ai – 4-Phase Development Scope of Work (Railway Deployment)

Client: Travis Shipley

Platform: EdgeBook.ai (hosted on Railway)

Purpose: Build and launch the MVP of a compliant sports-insight marketplace, enabling users to post, discover, and monetize their predictions under a content-commerce framework (non-gambling).

Framework: Next.js + PostgreSQL + Stripe Connect + SportsData.io API

## Phase 1 – Foundation & Architecture (Baseline Finalization)

Objective: Solidify the existing Railway baseline into a secure, scalable application with the correct architecture, database schema, and compliance groundwork.

Deliverables:

* Review & refactor existing Railway deployment for structure, scalability, and security.
* Set up PostgreSQL schema for: Users, Predictions, Transactions, Verification logs, Audit trails.
* Configure environment variables (Stripe keys, API keys, SendGrid, etc.) securely in Railway.
* Integrate user authentication via NextAuth.js with email/password + optional social logins.
* Implement age verification flow via Stripe Identity (18+/21+).
* Confirm disclaimers and compliance footers across the site.
* Design clean admin view for content moderation, user flagging, and payout reviews.

Acceptance Criteria: Database and authentication functional, Railway deployment secure, environment variables verified.

Timeline: 2 weeks

Payment Trigger: 20% upon successful deployment review & schema acceptance.

## Phase 2 – Core Product Development (MVP Features)

Objective: Build out core marketplace functionality including wallet system, paid post workflow, and result verification logic.

* Prediction Posting System with free and paid posts (blurred previews).
* Automatic timestamp locking before event start (no edits).
* Wallet + Payment Integration using Stripe Connect (Express).
* Result Verification via SportsData.io API (win/loss/push updates).
* Profile and Feed System with filters by sport, free/paid, and top performers.

Acceptance Criteria: Successful top-up → purchase → unlock → verified result → payout flow; accuracy metrics display correctly.

Timeline: 4 weeks

Payment Trigger: 30% upon completion of working MVP with payments & verification functional.

## Phase 3 – Compliance, Fraud Prevention & UX Polish

Objective: Strengthen platform integrity, refine the user experience, and introduce trust and security systems before launch.

* Fraud prevention (timestamp validation, anti-self-purchase, suspicious account flagging).
* Watermarking & content protection on paid posts.
* Reporting system for fraudulent or inappropriate content.
* Admin dashboard for moderation, payout review, and disputes.
* Notification system for key user events (followed user posts, low balance, payouts).
* Responsive UI/UX and copy refinements.

Acceptance Criteria: Fraud prevention validated, moderation workflows functional, responsive design achieved.

Timeline: 3 weeks

Payment Trigger: 25% upon verified security audit and UI completion.

## Phase 4 – Final Testing, Launch & Handoff

Objective: Move from MVP to production launch, complete quality assurance, and deploy the live site under edgebook.ai.

* Full QA and UAT (browser/device testing, payment regression, API latency).
* Production deployment (domain mapping, SSL, CDN).
* Analytics & monitoring setup (PostHog, Sentry, Stripe Dashboard).
* Documentation & handoff (ReadMe, admin guide, deployment procedures).
* Optional early-access landing page with email capture.

Acceptance Criteria: QA passed, payments verified live, monitoring active, and client sign-off confirmed.

Timeline: 2 weeks

Payment Trigger: 25% upon successful production launch and handoff.

## General Terms

* All work to be performed using the existing Railway environment unless mutually agreed otherwise.
* All source code, designs, and data belong to EdgeBook.ai (Travis Shipley) upon payment.
* Developer to maintain version control via GitHub with commit history.
* Weekly progress check-ins required.
* Scope changes outside of the four phases will be handled via written change order.

Signatures:

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| Name: Travis Shipley Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |