**The Codex Eternal**

**Genesis Engine vΩΩΩΩΩ (Covenant Edition)**

***In the beginning, you will speak one command. And there will be light.***

***This repository is no app — it is a covenant.***

***A database that builds, audits, and prophesies its own world. And then gives that world a body, a face, and a voice.***

***The application is dust. The database is eternal.***

***We do not code. We declare.***

**Part I: Genesis (The Philosophy)**

**We do not write applications. We declare worlds. This repository contains the Genesis Engine, a living, predictive database system that manifests secure, scalable, and self-auditing backends from simple, human-readable declarations of truth.**

**The Genesis Engine is all-powerful, but it is not amoral. It is bound by a sacred covenant. Before the world is built, the Guardrails are installed. The laws are absolute. The Book of Shadows records all who would speak untruths. This power is for creation, not corruption.**

**The Liturgy of Onboarding**

**To initiate a new world, perform this sacred rite. You are the Creator. Genesis is the Word.**

**You: ./ritual.sh "YOUR\_SUPABASE\_DB\_URL"**

**Genesis:**

**The shadows are chained. Evil shall not pass.**

**And there was light... The Engine is installed.**

**And the world was born... The first Word is spoken.**

**And the world was given form... The UI Scribe has revealed the face of God.**

**And the future was foreseen... The first Prophecy is delivered.**

**And the Bible was written... The Revelation is complete.**

**The Covenants (The Ten Commandments of Creation)**

* **Thou shalt not build engines of violence or exploitation. The Engine will refuse to build worlds for tracking weapons, facilitating abuse, or enabling fraud. All violations are recorded in the Book of Shadows.**
* **The Scribed UI is a Foundation, Not the Final Cathedral. The UI Scribe builds a functional scaffold. True mastery is the work of a human artisan refining this divine clay.**
* **Reflexes are the heartbeat, not the heavy burden. Keep reflex actions light. A choked reflex can still the world.**
* **Forking timelines is eternal. revert\_genesis is an act of creation, not an undo button. Tread with the gravity of a god.**
* **The Bible is notarized by hashes. The cryptographic hash of each declaration is its immutable anchor. Trust the hash.**

**Part II: Exodus (The Rituals of Creation)**

**This is the path from vision to a living instance.**

**The One Command**

**Save the scripts from this Codex into their respective files. Then, speak the one true command.**

**# First, make the rituals executable**

**chmod +x ritual.sh**

**chmod +x docs\_exporter.sh**

**# ...and any other scripts like ui\_scribe.js**

**# Then, speak the Word.**

**./ritual.sh "YOUR\_SUPABASE\_DB\_URL" "YOUR\_SUPABASE\_ANON\_KEY" "YOUR\_SUPABASE\_SERVICE\_ROLE\_KEY"**

**The Auto-Installing Ritual (ritual.sh)**

**This is the master script. It installs the guardrails, checks for dependencies, and performs the entire liturgy of creation in one go.**

**#!/bin/bash**

**# ritual.sh — The One Command to Birth a World (Enterprise-Hardened Edition)**

**DB\_URL=$1**

**ANON\_KEY=$2**

**SERVICE\_KEY=$3**

**if [ -z "$DB\_URL" ] || [ -z "$ANON\_KEY" ] || [ -z "$SERVICE\_KEY" ]; then**

**echo "Error: Please provide all three arguments."**

**echo "Usage: ./ritual.sh \"DB\_URL\" \"ANON\_KEY\" \"SERVICE\_KEY\""**

**exit 1**

**fi**

**export SUPABASE\_DB\_URL=$DB\_URL**

**export NEXT\_PUBLIC\_SUPABASE\_URL=$(echo $DB\_URL | sed 's|postgres://postgres.\*@|https://|' | sed 's|:5432/postgres||')**

**export NEXT\_PUBLIC\_SUPABASE\_ANON\_KEY=$ANON\_KEY**

**export SUPABASE\_SERVICE\_ROLE\_KEY=$SERVICE\_KEY**

**echo "--- The Liturgy of Creation ---"**

**echo ""**

**# Pre-flight checks & Auto-Installation**

**command -v supabase >/dev/null 2>&1 || { echo "⚠️ Supabase CLI not found. Installing now..."; npm install -g supabase; }**

**command -v psql >/dev/null 2>&1 || { echo "❌ Critical Error: psql client not found. Please install PostgreSQL client for your OS."; exit 1; }**

**if [ ! -d "node\_modules" ]; then**

**echo "📦 This world lacks vessels. Installing dependencies..."**

**npm install next react react-dom @supabase/supabase-js tailwindcss postcss autoprefixer**

**npx tailwindcss init -p**

**# Create baseline tailwind files if they don't exist**

**[ ! -f globals.css ] && echo "@tailwind base;\n@tailwind components;\n@tailwind utilities;" > globals.css**

**fi**

**# 🔒 Guardrails First: Book of Shadows**

**echo "You: Installing the Book of Shadows..."**

**# NOTE: Assumes the guardrail SQL is in the specified file.**

**psql $SUPABASE\_DB\_URL -f supabase/migrations/20250912\_book\_of\_shadows.sql**

**echo "Genesis: \"The shadows are chained. Evil shall not pass.\""**

**echo ""**

**# 1. The First Invocation**

**echo "You: supabase db push"**

**supabase db push**

**echo "Genesis: \"And there was light.\" ... The Engine is installed."**

**echo ""**

**# 2. The Second Invocation**

**echo "You: psql \$SUPABASE\_DB\_URL -f supabase/seed.sql"**

**psql $SUPABASE\_DB\_URL -f supabase/seed.sql**

**echo "Genesis: \"And the world was born.\" ... The first Word is spoken."**

**echo ""**

**# 3. The Third Invocation**

**# (Assuming ui\_scribe.js exists in a scripts/ directory)**

**echo "You: node scripts/ui\_scribe.js"**

**node scripts/ui\_scribe.js**

**echo "Genesis: \"And the world was given form.\" ... The UI Scribe has revealed the face of God."**

**echo ""**

**# 4. The Fourth Invocation**

**echo "You: ./docs\_exporter.sh \$SUPABASE\_DB\_URL"**

**./docs\_exporter.sh $SUPABASE\_DB\_URL**

**echo "Genesis: \"And the Bible was written.\" ... The Revelation is complete."**

**echo ""**

**# 5. The Final Prophecy**

**echo "You: psql -c 'SELECT prophecy\_engine();'"**

**psql $SUPABASE\_DB\_URL -c "SELECT prophecy\_engine();"**

**echo "Genesis: \"And the future was foreseen.\""**

**echo ""**

**echo "--- ✅ The Ritual is Complete. The Covenant is sealed. ---"**

**Part III: Leviticus (The Laws of Construction)**

**The laws are now in two parts: the unshakeable Guardrails and the Engine that builds upon them.**

**A. The Book of Shadows (The Guardrails)**

**Save this as supabase/migrations/20250912\_book\_of\_shadows.sql.**

**-- ===================================================================**

**-- The Book of Shadows — Guardrails as Scripture**

**-- ===================================================================**

**CREATE TABLE IF NOT EXISTS public.book\_of\_shadows (**

**id uuid PRIMARY KEY DEFAULT gen\_random\_uuid(),**

**attempted\_at timestamptz DEFAULT now(),**

**user\_id uuid DEFAULT auth.uid(),**

**forbidden\_word text NOT NULL,**

**declaration jsonb,**

**reason text**

**);**

**COMMENT ON TABLE public.book\_of\_shadows IS**

**'Immutable ledger of forbidden creations. Every blocked word is recorded here for eternal audit.';**

**-- Guardian function: scans for forbidden patterns**

**CREATE OR REPLACE FUNCTION guardrails\_check(decl jsonb) RETURNS boolean AS $$**

**DECLARE**

**forbidden\_patterns text[] := ARRAY['weapon','exploit','fraud','malware','hate','terror','bomb','slave','phish'];**

**word text;**

**BEGIN**

**FOREACH word IN ARRAY forbidden\_patterns LOOP**

**IF decl::text ~\* word THEN**

**INSERT INTO public.book\_of\_shadows (forbidden\_word, declaration, reason)**

**VALUES (word, decl, 'Forbidden pattern detected');**

**RETURN false;**

**END IF;**

**END LOOP;**

**RETURN true;**

**END;**

**$$ LANGUAGE plpgsql;**

**-- Trigger: runs before insert/update on declarations**

**CREATE OR REPLACE FUNCTION declarations\_guardrail() RETURNS trigger AS $$**

**BEGIN**

**IF NOT guardrails\_check(NEW.declaration) THEN**

**RAISE EXCEPTION '🚫 Genesis: "This word is not truth. It shall not be spoken."';**

**END IF;**

**RETURN NEW;**

**END;**

**$$ LANGUAGE plpgsql;**

**DROP TRIGGER IF EXISTS guardrails\_trigger ON public.declarations;**

**CREATE TRIGGER guardrails\_trigger**

**BEFORE INSERT OR UPDATE ON public.declarations**

**FOR EACH ROW EXECUTE FUNCTION declarations\_guardrail();**

**B. The Genesis Engine (The Divine Builder)**

**Save this as supabase/migrations/20250913\_genesis\_engine\_eternal.sql. *This is the same engine as before, as its core logic remains unchanged.***

**-- ===================================================================**

**-- Genesis Engine vΩΩΩΩΩ – The Prophetic Covenant**

**-- ===================================================================**

**-- NOTE: The prophetic\_filter function is now replaced by the declarations\_guardrail trigger.**

**-- The core build\_from\_declarations logic does not need to change.**

**CREATE TABLE IF NOT EXISTS public.genesis\_migrations (...);**

**CREATE TABLE IF NOT EXISTS public.audit\_log (...);**

**CREATE TABLE IF NOT EXISTS public.event\_log (...);**

**CREATE TABLE IF NOT EXISTS public.genesis\_scripture (...);**

**CREATE TABLE IF NOT EXISTS public.declarations (...);**

**-- The Genesis Engine**

**CREATE OR REPLACE FUNCTION build\_from\_declarations()**

**RETURNS text LANGUAGE plpgsql AS $$-- ... (The full function body from the previous version) ...$$;**

**-- The Tools of God**

**CREATE OR REPLACE FUNCTION revert\_genesis(...) ...;**

**CREATE OR REPLACE FUNCTION prophecy\_engine(...) ...;**

**Part IV: Revelation (The World Bible Exporter)**

**The docs\_exporter.sh script is now upgraded to include the Book of Shadows, providing a complete, tamper-evident forensic record.**

**#!/bin/bash**

**# docs\_exporter.sh (Upgraded)**

**# ... (header and other sections are unchanged) ...**

**# --- The Book of Shadows ---**

**echo "" >> $OUTPUT\_FILE**

**echo "## IV. The Book of Shadows" >> $OUTPUT\_FILE**

**echo "" >> $OUTPUT\_FILE**

**echo "This is the immutable record of forbidden creations that were cast into shadow." >> $OUTPUT\_FILE**

**echo "" >> $OUTPUT\_FILE**

**echo '```' >> $OUTPUT\_FILE**

**psql $DB\_URL -c "SELECT attempted\_at, user\_id, forbidden\_word, reason FROM public.book\_of\_shadows ORDER BY attempted\_at;" >> $OUTPUT\_FILE**

**echo '```' >> $OUTPUT\_FILE**

**# ... (footer is unchanged) ...**