-- Core Database Schema with Examples

-- Organizations

CREATE TABLE organizations (

id uuid DEFAULT uuid\_generate\_v4() PRIMARY KEY,

name text NOT NULL,

settings jsonb DEFAULT '{}'::jsonb,

created\_at timestamptz DEFAULT now()

);

-- User Organizations (Junction Table)

CREATE TABLE user\_organizations (

user\_id uuid REFERENCES auth.users,

organization\_id uuid REFERENCES organizations,

role text NOT NULL CHECK (role IN ('admin', 'brand\_creator', 'employee')),

PRIMARY KEY (user\_id, organization\_id)

);

-- Exercise Completion Status

CREATE TABLE exercise\_completion (

user\_id uuid REFERENCES auth.users,

exercise\_type text NOT NULL,

completion\_status text NOT NULL,

data jsonb,

completed\_at timestamptz,

PRIMARY KEY (user\_id, exercise\_type)

);

-- Content Generation Settings

CREATE TABLE generation\_settings (

organization\_id uuid REFERENCES organizations,

setting\_type text NOT NULL,

configuration jsonb NOT NULL,

is\_active boolean DEFAULT true,

PRIMARY KEY (organization\_id, setting\_type)

);

-- Example RLS Policies

CREATE POLICY "org\_member\_read\_access" ON organizations

FOR SELECT

USING (

EXISTS (

SELECT 1 FROM user\_organizations

WHERE user\_id = auth.uid()

AND organization\_id = id

)

);

CREATE POLICY "admin\_full\_access" ON organizations

FOR ALL

USING (

EXISTS (

SELECT 1 FROM user\_organizations

WHERE user\_id = auth.uid()

AND organization\_id = id

AND role = 'admin'

)

);