// Database Schema for Ideas Bank

interface IdeaItem {

id: string;

userId: string;

type: 'note' | 'screenshot' | 'url' | 'email';

title: string;

content: {

text?: string;

html?: string;

media?: {

type: string;

url: string;

}[];

};

metadata: {

source?: string;

tags?: string[];

category?: string;

created: Date;

updated: Date;

};

folders?: string[];

}

// Supabase Tables

CREATE TABLE ideas (

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

user\_id UUID REFERENCES auth.users NOT NULL,

type TEXT NOT NULL,

title TEXT,

content JSONB,

metadata JSONB,

folders TEXT[],

created\_at TIMESTAMPTZ DEFAULT NOW(),

updated\_at TIMESTAMPTZ DEFAULT NOW()

);

CREATE TABLE idea\_folders (

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

user\_id UUID REFERENCES auth.users NOT NULL,

name TEXT NOT NULL,

parent\_id UUID REFERENCES idea\_folders(id),

created\_at TIMESTAMPTZ DEFAULT NOW()

);