表 (13)

名称	类型	架构
Categories		CREATE TABLE Categories (id INTEGER PRIMARY KEY AUTOINCREMENT, name TEXT NOT NULL UNIQUE, -- 分类名称(热门、政治、经济等) description TEXT, -- 分类描述 order_num INTEGER NOT NULL -- 排序顺序)
id	INTEGER	"id" INTEGER
name	TEXT	"name" TEXT NOT NULL UNIQUE
description	TEXT	"description" TEXT
order_num	INTEGER	"order_num" INTEGER NOT NULL
Chapters		CREATE TABLE Chapters (id INTEGER PRIMARY KEY, name TEXT NOT NULL, description TEXT, order_num INTEGER NOT NULL)
id	INTEGER	"id" INTEGER
name	TEXT	"name" TEXT NOT NULL
description	TEXT	"description" TEXT
order_num	INTEGER	"order_num" INTEGER NOT NULL
DailyContent		CREATE TABLE DailyContent (id INTEGER PRIMARY KEY AUTOINCREMENT, content_date DATE NOT NULL, -- 内容日期 content_type TEXT NOT NULL, -- 内容类型(新闻/游戏) title TEXT NOT NULL, -- 标题 content TEXT NOT NULL, -- 内容(可以是JSON格式) related_id INTEGER, -- 关联的ID(可能是报纸ID或游戏ID) created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP)
id	INTEGER	"id" INTEGER
content_date	DATE	"content_date" DATE NOT NULL
content_type	TEXT	"content_type" TEXT NOT NULL
title	TEXT	"title" TEXT NOT NULL
content	TEXT	"content" TEXT NOT NULL
related_id	INTEGER	"related_id" INTEGER
created_at	TIMESTAMP	"created_at" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
GameWords		CREATE TABLE GameWords (game_id INTEGER NOT NULL, word_id INTEGER NOT NULL, PRIMARY KEY (game_id, word_id), FOREIGN KEY (game_id) REFERENCES Games(id), FOREIGN KEY (word_id) REFERENCES Words(id))
game_id	INTEGER	"game_id" INTEGER NOT NULL
word_id	INTEGER	"word_id" INTEGER NOT NULL
Games		CREATE TABLE Games (id INTEGER PRIMARY KEY AUTOINCREMENT, title TEXT NOT NULL, -- 游戏标题 category_id INTEGER NOT NULL, -- 所属分类 game_type TEXT NOT NULL, -- 游戏类型 level INTEGER DEFAULT 1, -- 难度级别 game_data TEXT NOT NULL, -- 游戏数据(JSON格式) corresponding_newspaper_id INTEGER, -- 对应的报纸ID created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP, FOREIGN KEY (category_id) REFERENCES Categories(id), FOREIGN KEY (corresponding_newspaper_id) REFERENCES Newspapers(id))
id	INTEGER	"id" INTEGER
title	TEXT	"title" TEXT NOT NULL
category_id	INTEGER	"category_id" INTEGER NOT NULL
game_type	TEXT	"game_type" TEXT NOT NULL

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level	INTEGER	"level" INTEGER DEFAULT 1
game_data	TEXT	"game_data" TEXT NOT NULL
corresponding_newspaper_id	INTEGER	"corresponding_newspaper_id" INTEGER
created_at	TIMESTAMP	"created_at" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
NewspaperWords		CREATE TABLE NewspaperWords (newspaper_id INTEGER NOT NULL, word_id INTEGER NOT NULL, position TEXT, -- 单词在报纸中的位置(可选) PRIMARY KEY (newspaper_id, word_id), FOREIGN KEY (newspaper_id) REFERENCES Newspapers(id), FOREIGN KEY (word_id) REFERENCES Words(id))
newspaper_id	INTEGER	"newspaper_id" INTEGER NOT NULL
word_id	INTEGER	"word_id" INTEGER NOT NULL
position	TEXT	"position" TEXT
Newspapers		CREATE TABLE Newspapers (id INTEGER PRIMARY KEY AUTOINCREMENT, title TEXT NOT NULL, -- 报纸标题 category_id INTEGER NOT NULL, -- 所属分类 image_path TEXT NOT NULL, -- 报纸图片路径 level INTEGER DEFAULT 1, -- 难度级别 created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP, FOREIGN KEY (category_id) REFERENCES Categories(id))
id	INTEGER	"id" INTEGER
title	TEXT	"title" TEXT NOT NULL
category_id	INTEGER	"category_id" INTEGER NOT NULL
image_path	TEXT	"image_path" TEXT NOT NULL
level	INTEGER	"level" INTEGER DEFAULT 1
created_at	TIMESTAMP	"created_at" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
UserFavorites		CREATE TABLE UserFavorites (id INTEGER PRIMARY KEY AUTOINCREMENT, user_id INTEGER NOT NULL, item_type TEXT NOT NULL, -- 项目类型("单词","报纸","游戏") item_id INTEGER NOT NULL, -- 项目ID created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP, FOREIGN KEY (user_id) REFERENCES Users(id))
id	INTEGER	"id" INTEGER
user_id	INTEGER	"user_id" INTEGER NOT NULL
item_type	TEXT	"item_type" TEXT NOT NULL
item_id	INTEGER	"item_id" INTEGER NOT NULL
created_at	TIMESTAMP	"created_at" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
UserPermissions		CREATE TABLE UserPermissions (id INTEGER PRIMARY KEY AUTOINCREMENT, user_id INTEGER NOT NULL, category_id INTEGER NOT NULL, -- 对分类的访问权限 has_access INTEGER NOT NULL DEFAULT 0, -- 0=无权限, 1=有权限 created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP, FOREIGN KEY (user_id) REFERENCES Users(id), FOREIGN KEY (category_id) REFERENCES Categories(id), UNIQUE(user_id, category_id))
id	INTEGER	"id" INTEGER
user_id	INTEGER	"user_id" INTEGER NOT NULL
category_id	INTEGER	"category_id" INTEGER NOT NULL
has_access	INTEGER	"has_access" INTEGER NOT NULL DEFAULT 0
created_at	TIMESTAMP	"created_at" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
UserProgress		CREATE TABLE UserProgress (id INTEGER PRIMARY KEY AUTOINCREMENT, user_id INTEGER NOT NULL, platform TEXT

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		NOT NULL, -- 平台类型("网页"或"小程序") module_type TEXT NOT NULL, -- 模块类型("新闻","卡片","游戏") related_id INTEGER NOT NULL, -- 关联ID(报纸ID、游戏ID等) progress TEXT NOT NULL, -- 进度值(可以是JSON格式) last_updated TIMESTAMP DEFAULT CURRENT_TIMESTAMP, FOREIGN KEY (user_id) REFERENCES Users(id))
id	INTEGER	"id" INTEGER
user_id	INTEGER	"user_id" INTEGER NOT NULL
platform	TEXT	"platform" TEXT NOT NULL
module_type	TEXT	"module_type" TEXT NOT NULL
related_id	INTEGER	"related_id" INTEGER NOT NULL
progress	TEXT	"progress" TEXT NOT NULL
last_updated	TIMESTAMP	"last_updated" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
Users		CREATE TABLE Users (id INTEGER PRIMARY KEY AUTOINCREMENT, username TEXT NOT NULL UNIQUE, password_hash TEXT NOT NULL, user_type TEXT NOT NULL, -- 用户类型("普通"或"高级") email TEXT UNIQUE, created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP, last_login TIMESTAMP)
id	INTEGER	"id" INTEGER
username	TEXT	"username" TEXT NOT NULL UNIQUE
password_hash	TEXT	"password_hash" TEXT NOT NULL
user_type	TEXT	"user_type" TEXT NOT NULL
email	TEXT	"email" TEXT UNIQUE
created_at	TIMESTAMP	"created_at" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
last_login	TIMESTAMP	"last_login" TIMESTAMP
Words		CREATE TABLE "Words" (id INTEGER PRIMARY KEY AUTOINCREMENT, word TEXT NOT NULL, meaning TEXT NOT NULL, chapter_id INTEGER, card_image_path TEXT, pronunciation TEXT, examples TEXT, created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP, FOREIGN KEY (chapter_id) REFERENCES Chapters(id))
id	INTEGER	"id" INTEGER
word	TEXT	"word" TEXT NOT NULL
meaning	TEXT	"meaning" TEXT NOT NULL
chapter_id	INTEGER	"chapter_id" INTEGER
card_image_path	TEXT	"card_image_path" TEXT
pronunciation	TEXT	"pronunciation" TEXT
examples	TEXT	"examples" TEXT
created_at	TIMESTAMP	"created_at" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
sqlite_sequence		CREATE TABLE sqlite_sequence(name,seq)
name		"name"
seq		"seq"

索引 (0)

名称	类型	架构

视图 (0)

名称	类型	架构

触发器 (0)

名称	类型	架构

名称	类型	架构

触发器 (0)