

Tables (7)

Name	Type	Schema
admin_phones		CREATE TABLE "admin_phones" ("username" TEXT NOT NULL UNIQUE, "phone_number" TEXT NOT NULL, PRIMARY KEY("username"), FOREIGN KEY("username") REFERENCES "admins"("username")) STRICT
username	TEXT	"username" TEXT NOT NULL UNIQUE
phone_number	TEXT	"phone_number" TEXT NOT NULL
admins		CREATE TABLE "admins" ("username" TEXT NOT NULL, "title" TEXT NOT NULL CHECK("title" IN ('OWNER', 'EMPLOYEE')), "password" TEXT NOT NULL, "age" INTEGER NOT NULL CHECK(age > 0), "hire_date" TEXT CHECK(hire_date GLOB '????-??-??'), "salary" INTEGER CHECK(salary >= 0), PRIMARY KEY("username")) STRICT
username	TEXT	"username" TEXT NOT NULL
title	TEXT	"title" TEXT NOT NULL CHECK("title" IN ('OWNER', 'EMPLOYEE'))
password	TEXT	"password" TEXT NOT NULL
age	INTEGER	"age" INTEGER NOT NULL CHECK("age" > 0)
hire_date	TEXT	"hire_date" TEXT CHECK("hire_date" GLOB '????-??-??')
salary	INTEGER	"salary" INTEGER CHECK("salary" >= 0)
controllers		CREATE TABLE "controllers" ("controller_id" INTEGER NOT NULL UNIQUE, "controller_type" TEXT NOT NULL CHECK("controller_type" IN ('PS4CONTROLLER', 'PS5CONTROLLER')), PRIMARY KEY("controller_id" AUTOINCREMENT)) STRICT
controller_id	INTEGER	"controller_id" INTEGER NOT NULL UNIQUE
controller_type	TEXT	"controller_type" TEXT NOT NULL CHECK("controller_type" IN ('PS4CONTROLLER', 'PS5CONTROLLER'))
expenses		CREATE TABLE "expenses" ("exp_id" INTEGER NOT NULL UNIQUE, "exp_creator"

Name	Type	Schema
		TEXT NOT NULL, "exp_amount" REAL NOT NULL CHECK("exp_amount" = ROUND("exp_amount", 2) AND "exp_amount" > 0), "exp_date" TEXT NOT NULL CHECK("exp_date" GLOB '????-??-??*' AND DATE("exp_date") IS NOT NULL), "exp_note" TEXT, PRIMARY KEY("exp_id" AUTOINCREMENT), FOREIGN KEY("exp_creator") REFERENCES "admins"("username")) STRICT
exp_id	INTEGER	"exp_id" INTEGER NOT NULL UNIQUE
exp_creator	TEXT	"exp_creator" TEXT NOT NULL
exp_amount	REAL	"exp_amount" REAL NOT NULL CHECK("exp_amount" = ROUND("exp_amount", 2) AND "exp_amount" > 0)
exp_date	TEXT	"exp_date" TEXT NOT NULL CHECK("exp_date" GLOB '????-??-??*' AND DATE("exp_date") IS NOT NULL)
exp_note	TEXT	"exp_note" TEXT
sessions		CREATE TABLE "sessions" ("session_id" INTEGER NOT NULL UNIQUE, "spot_id" INTEGER NOT NULL, "creator" TEXT NOT NULL, "controllers_number" INTEGER NOT NULL CHECK("controllers_number" > 0), "start_time" datetime NOT NULL, "end_time" datetime, "session_state" TEXT DEFAULT 'RUNNING' CHECK("session_state" IN ('RUNNING', 'DONE')), "duration" REAL, "session_price" REAL CHECK("session_price" >= 0), PRIMARY KEY("session_id" AUTOINCREMENT), FOREIGN KEY("creator") REFERENCES "admins"("username"), FOREIGN KEY("spot_id") REFERENCES "spots"("spot_id"))
session_id	INTEGER	"session_id" INTEGER NOT NULL UNIQUE
spot_id	INTEGER	"spot_id" INTEGER NOT NULL
creator	TEXT	"creator" TEXT NOT NULL
controllers_number	INTEGER	"controllers_number" INTEGER NOT NULL CHECK("controllers_number" > 0)

Name	Type	Schema
start_time	datetime	"start_time" datetime NOT NULL
end_time	datetime	"end_time" datetime
session_state	TEXT	"session_state" TEXT DEFAULT 'RUNNING' CHECK("session_state" IN ('RUNNING', 'DONE'))
duration	REAL	"duration" REAL
session_price	REAL	"session_price" REAL CHECK("session_price" >= 0)
spots		CREATE TABLE "spots" ("spot_id" INTEGER NOT NULL UNIQUE, "spot_privacy" TEXT NOT NULL CHECK("spot_privacy" IN ('PUBLIC', 'PRIVATE')), "spot_state" TEXT NOT NULL CHECK("spot_state" IN ('NOT_AVAILABLE', 'AVAILABLE')), "display_id" INTEGER UNIQUE, "display_size" INTEGER, "display_type" TEXT, "console_id" INTEGER UNIQUE, "console_type" TEXT CHECK(console_type IN ('PS4', 'PS5')), PRIMARY KEY("spot_id"))
spot_id	INTEGER	"spot_id" INTEGER NOT NULL UNIQUE
spot_privacy	TEXT	"spot_privacy" TEXT NOT NULL CHECK("spot_privacy" IN ('PUBLIC', 'PRIVATE'))
spot_state	TEXT	"spot_state" TEXT NOT NULL CHECK("spot_state" IN ('NOT_AVAILABLE', 'AVAILABLE'))
display_id	INTEGER	"display_id" INTEGER UNIQUE
display_size	INTEGER	"display_size" INTEGER
display_type	TEXT	"display_type" TEXT
console_id	INTEGER	"console_id" INTEGER UNIQUE
console_type	TEXT	"console_type" TEXT CHECK("console_type" IN ('PS4', 'PS5'))
sqlite_sequence		CREATE TABLE sqlite_sequence(name,seq)
name		"name"
seq		"seq"

Indices (1)

Name	Type	Schema
expenseDate		CREATE INDEX "expenseDate" ON "expenses" (

Name	Type	Schema
		"exp_date" DESC)
exp_date	DESC	"exp_date" DESC

Views (0)

Name	Type	Schema
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Triggers (2)

Name	Type	Schema
update_spot_state_after_create_session		<pre>CREATE TRIGGER update_spot_state_after_create_session AFTER INSERT ON sessions FOR EACH ROW BEGIN UPDATE spots SET spot_state = 'NOT_AVAILABLE' WHERE spots.spot_id = NEW.spot_id; -- Use `NEW.spot_id` to reference the newly inserted row's `spot_id` UPDATE sessions SET session_state = 'RUNNING' WHERE session_id = NEW.session_id; -- Assuming `id` is the primary key of the `sessions` table END</pre>
update_spot_state_and_duration		<pre>CREATE TRIGGER update_spot_state_and_duration AFTER UPDATE OF end_time ON sessions FOR EACH ROW WHEN NEW.end_time IS NOT NULL BEGIN -- Calculate duration in minutes UPDATE sessions SET duration = ROUND((JULIANDAY(datetime('now', 'localtime')) - JULIANDAY(start_time)) * 24, 2) -- Convert time to hours in shape h.mm , session_state = 'DONE' WHERE session_id = NEW.session_id; -- Assuming `id` is the primary key of the `sessions` table -- Update the spot state UPDATE spots SET spot_state = 'AVAILABLE' WHERE spots.spot_id = NEW.spot_id; END</pre>