

Table

Attends

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Name	Type	NN	PK	AI	U	Default	Check	Collation
memberId	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
classId	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
attendanceDate	TEXT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

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CREATE TABLE "Attends" (

2

"memberId" INTEGER,

3

"classId" INTEGER,

4

"attendanceDate" TEXT,

5

PRIMARY KEY("memberId","classId","attendanceDate"),

6

FOREIGN KEY("classId") REFERENCES "Class"("classId"),

7

FOREIGN KEY("memberId") REFERENCES "Member"("memberId")

8

);

OK

Cancel

Edit table definition

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Table

Class

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Name	Type	NN	PK	AI	U	Default	Check	Collation
classId	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
className	VARCHAR(50)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
classType	VARCHAR(20)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		"classType" = 'Yo...	
duration	NUMERIC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
classCapacity	INTEGER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
instructorId	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
gymId	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

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```
CREATE TABLE "Class" (  
    "classId"    INTEGER,  
    "className"  VARCHAR(50),  
    "classType"  VARCHAR(20) CHECK("classType" = 'Yoga' OR "classType" = 'Zumba' OR "classType" = 'HII'),  
    "duration"   NUMERIC NOT NULL,  
    "classCapacity" INTEGER NOT NULL,  
    "instructorId" INTEGER,  
    "gymId"      INTEGER,  
    PRIMARY KEY("classId" AUTOINCREMENT),  
    FOREIGN KEY("gymId") REFERENCES "GymFacility"("gymId"),
```

OK







Cancel

Table

**Equipment**

▼ Advanced

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Name	Type	NN	PK	AI	U	Default	Check	Collation
equipmentId	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
name	VARCHAR(50)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
type	VARCHAR(30)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		"type" = 'Cardio' ...	
quantity	INTEGER(30)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
gymId	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

```
1 CREATE TABLE "Equipment" (  
2     "equipmentId" INTEGER,  
3     "name" VARCHAR(50) NOT NULL,  
4     "type" VARCHAR(30) CHECK("type" = 'Cardio' OR "type" = 'Strength' OR "type" = 'Flexibility' OR "type"  
5     "quantity" INTEGER(30),  
6     "gymId" INTEGER,  
7     PRIMARY KEY("equipmentId" AUTOINCREMENT),  
8     FOREIGN KEY("gymId") REFERENCES "GymFacility"("gymId")  
9 );
```

OK

Cancel

Edit table definition

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Table

GymFacility

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Name	Type	NN	PK	AI	U	Default	Check	Collation
gymId	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
location	VARCHAR(100)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
phone	VARCHAR(50)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
manager	VARCHAR(50)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

```
1 CREATE TABLE "GymFacility" (  
2     "gymId" INTEGER,  
3     "location" VARCHAR(100) NOT NULL,  
4     "phone" VARCHAR(50),  
5     "manager" VARCHAR(50),  
6     PRIMARY KEY ("gymId" AUTOINCREMENT)  
7 );
```

OK

Cancel

Edit table definition

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Table

Instructor

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Name	Type	NN	PK	AI	U	Default	Check	Collation
instructorId	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
name	VARCHAR(50)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
specialty	VARCHAR(50)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
phone	VARCHAR(15)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
email	VARCHAR(100)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

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CREATE TABLE "Instructor" (  
2     "instructorId" INTEGER,  
3     "name" VARCHAR(50),  
4     "specialty" VARCHAR(50),  
5     "phone" VARCHAR(15) NOT NULL,  
6     "email" VARCHAR(100) NOT NULL,  
7     PRIMARY KEY("instructorId" AUTOINCREMENT)  
8   );

OK

Cancel

Edit table definition

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Table

Member

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Name	Type	NN	PK	AI	U	Default	Check	Collation
memberId	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
name	VARCHAR(50)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
email	VARCHAR(50)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
phone	VARCHAR(15)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
address	VARCHAR(100)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
age	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		"age" >= 15	
membershipStartDate	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
membershipEndDate	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		julianday("memh	

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CREATE TABLE "Member" (  
    "memberId" INTEGER,  
    "name" VARCHAR(50),  
    "email" VARCHAR(50) NOT NULL,  
    "phone" VARCHAR(15),  
    "address" VARCHAR(100),  
    "age" INTEGER CHECK("age" >= 15),  
    "membershipStartDate" TEXT NOT NULL,  
    "membershipEndDate" TEXT NOT NULL CHECK((julianday("membershipEndDate") > julianday("membershipSt  
PRIMARY KEY("memberId" AUTOINCREMENT)

OK





Cancel

Table

MembershipPlan

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Name	Type	NN	PK	AI	U	Default	Check	Collation
planId	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
planType	VARCHAR(20)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		"planType" = 'Mo...	
cost	NUMERIC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

```
1 CREATE TABLE "MembershipPlan" (  
2     "planId"    INTEGER,  
3     "planType"  VARCHAR(20) CHECK("planType" = 'Monthly' OR "planType" = 'Annual'),  
4     "cost"      NUMERIC NOT NULL,  
5     PRIMARY KEY("planId" AUTOINCREMENT)  
6 );
```

OK

Cancel

Table

**Payment**

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Add



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Name	Type	NN	PK	AI	U	Default	Check	Collation
paymentId	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
memberId	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
planId	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
amountPaid	REAL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
paymentDate	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

```
1 CREATE TABLE "Payment" (  
2     "paymentId" INTEGER,  
3     "memberId"  INTEGER,  
4     "planId"    INTEGER,  
5     "amountPaid" REAL,  
6     "paymentDate" TEXT NOT NULL,  
7     PRIMARY KEY("paymentId" AUTOINCREMENT),  
8     FOREIGN KEY("memberId") REFERENCES "Member"("memberId"),  
9     FOREIGN KEY("planId") REFERENCES "MembershipPlan"("planId")  
10 );
```

OK

Cancel



Edit table definition

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Table

sqlite\_sequence

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Name	Type	NN	PK	AI	U	Default	Check	Collation
name	▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
seq	▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

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CREATE TABLE "sqlite\_sequence" (  
    "name" ,  
    "seq"  
);

OK

Cancel