

Петров Даниил

```
CREATE TABLE guest(  
    gid int NOT NULL IDENTITY(1, 1) PRIMARY KEY,  
    name nvarchar(50) NOT NULL,  
    gender nchar(1) NOT NULL,  
    age int NOT NULL,  
    country nvarchar(50) NOT NULL,  
    phone nvarchar(20) NOT NULL  
);
```

```
CREATE TABLE building(  
    bid nvarchar(5) NOT NULL PRIMARY KEY,  
    latitude nvarchar(10) NOT NULL,  
    longitude nvarchar(10) NOT NULL,  
    nrooms int NOT NULL,  
    nfloors int NOT NULL,  
    description nvarchar(200)  
);
```

```
CREATE TABLE room(  
    square int NOT NULL,  
    nsleep int NOT NULL,  
    bath nchar(1) NOT NULL,  
    maxpeople int NOT NULL,  
    [floor] int NOT NULL,  
    bid nvarchar(5) NOT NULL,  
    rid nvarchar(6) NOT NULL PRIMARY KEY  
);
```

```
CREATE TABLE reservation(  
    start_period date NOT NULL,
```

```
    days int NOT NULL,  
    gid int NOT NULL,  
    rid nvarchar(6) NOT NULL,  
    resid int NOT NULL IDENTITY(1, 1) PRIMARY KEY,  
    board nchar(2) NOT NULL  
);
```

```
ALTER TABLE room  
ADD CONSTRAINT FK_room_1  
FOREIGN KEY (bid)  
REFERENCES building(bid);
```

```
ALTER TABLE reservation  
ADD CONSTRAINT FK_reservation_1  
FOREIGN KEY (gid)  
REFERENCES guest(gid);
```

```
ALTER TABLE reservation  
ADD CONSTRAINT FK_reservation_2  
FOREIGN KEY (rid)  
REFERENCES room(rid);
```

```
ALTER TABLE reservation  
ADD CONSTRAINT FK_reservation_board  
CHECK (board='no' or board='BB' or board='HB');
```

```
ALTER TABLE guest  
ADD CONSTRAINT FK_guest_sex  
CHECK (gender='f' or gender='m');
```

Rollback T Auto hse database dbo@DM1\_2021\_s3n2\_50

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```
CREATE TABLE guest(
gid int NOT NULL IDENTITY(1, 1) PRIMARY KEY,
name nvarchar(50) NOT NULL,
gender nchar(1) NOT NULL,
age int NOT NULL,
country nvarchar(50) NOT NULL,
phone nvarchar(20) NOT NULL
);

CREATE TABLE building(
bid nvarchar(5) NOT NULL PRIMARY KEY,
latitude nvarchar(10) NOT NULL,
longitude nvarchar(10) NOT NULL,
nrooms int NOT NULL,
nfloors int NOT NULL,
description nvarchar(200)
);

CREATE TABLE room(
square int NOT NULL,
nsleep int NOT NULL,
bath nchar(1) NOT NULL,
maxpeople int NOT NULL,
[floor] int NOT NULL,
bid nvarchar(5) NOT NULL,
rid nvarchar(6) NOT NULL PRIMARY KEY
);

CREATE TABLE reservation(
start_period date NOT NULL,
days int NOT NULL,
gid int NOT NULL,
rid nvarchar(6) NOT NULL,
resid int NOT NULL IDENTITY(1, 1) PRIMARY KEY,
board nchar(2) NOT NULL
);

ALTER TABLE room
ADD CONSTRAINT FK_room_1
FOREIGN KEY (bid)
REFERENCES building(bid);

ALTER TABLE reservation
ADD CONSTRAINT FK_reservation_1
FOREIGN KEY (gid)
REFERENCES guest(gid);

ALTER TABLE reservation
ADD CONSTRAINT FK_reservation_2
FOREIGN KEY (rid)
REFERENCES room(rid);

ALTER TABLE reservation
ADD CONSTRAINT FK_reservation_board
CHECK (board='no' or board='BB' or board='HB');

ALTER TABLE guest
ADD CONSTRAINT FK_guest_sex
CHECK (gender='f' or gender='m');
```

Ubeaver 7.3.3 - reservation

Базы данн... Проекты

Свойства Данные Диаграмма

hse database DM1\_2021\_s3n2\_50 Schemas dbo Tables reservation

DM1\_2021\_s3n2\_50

- db\_backupoperator
- db\_datareader
- db\_datawriter
- db\_dladmin
- db\_denydatareader
- db\_denydatawriter
- db\_owner
- db\_securityadmin
- dbo
- Tables
- Views
- Indexes
- Procedures
- Sequences
- Synonyms
- Table Triggers
- Data Types
- guest
- INFORMATION\_SCHEMA
- sys
- Database triggers

Project - General

DataSource

Bookmarks

ER Diagrams

Scripts

Введите SQL выражение чтобы отфильтровать результаты

Таблица	start_period	days	gid	rid	resid	board	Значение
1	2020-10-10	5	1	1105	2	no	HB
2	2020-11-10	3	1	2305	3	no	
3	2021-01-01	7	2	1201	4	BB	
4	2021-02-01	1	3	1105	5	HB	

Save Cancel Script 200 Вставлено: 1 / удалено: 0 / изменено: 0

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