# ResourceAllocations PK id int NOT NULL FK user\_id int NOT NULL

resource\_id int NOT NULL

allocated\_until date

allocated\_from date NOT NULL

FΚ

Resources		
PK	id int NOT NULL	
	type varchar(20) NOT NULL	
	name varchar(100) NOT NULL	

# Users

## PK id int NOT NULL

FK

username varchar(50) NOT NULL password varchar(300) NOT NULL role int NOT NULL

	DeskAllocations
PK	id int NOT NULL

FK user\_id int NOT NULL

desk\_id int NOT NULL

reserved\_from date NOT NULL

reserved\_until date NOT NULL

### Desks

# PK id int NOT NULL

name varchar(100) NOT NULL

gridPositionX int NOT NULL

gridPositionY int NOT NULL

ca sa vad daca este liber sau ocupat locul, ma uit la alocari si caut alocare cu until mai mare decat data curenta, iar daca este aflu si user-ul care il ocupa, si alte detalii, daca nu, atunci locul este liber