login

create table login(

username varchar(10) not null,

password varchar(255),

primary key(username)

);

insert into login values('admin','test');

insert into login values('staff1','test1');

insert into login values('staff2','test2');

buildings

create table buildings(

id int not null,

building\_image varchar(255), ##Stores Relative path to the Image

building\_name varchar(255) not null,

primary key(id)

);

floors

create table floors(

id varchar(255) not null,

building\_id int not null,

floor\_name varchar(255) not null,

floor\_image varchar(255), ##Stores Relative path to the Image

primary key(id),

foreign key(building\_id) references buildings(id)

);

rooms

create table rooms(

id varchar(255) not null,

floor\_id varchar(255) not null,

room\_no smallint not null,

room\_image varchar(255), ##Stores Relative path to the Image

primary key(id),

foreign key(floor\_id) references floors(id)

);

beds

create table beds(

id varchar(255) not null,

room\_id varchar(255) not null,

bed\_no int not null,

bed\_status boolean, ##Indicates whether Bed is occupied or not; true for occupied, false for vacant

primary key(id),

foreign key(room\_id) references rooms(id)

);