CREATE TABLE utilizador(user\_id int not null auto\_increment,

username varchar(80) not null,

password varchar(40) not null,

nome varchar(40) not null,

primary key (user\_id));

CREATE TABLE monumento (monumento\_id int not null auto\_increment,

nome varchar(80) not null,

morada varchar(40) not null,

latitude double not null,

longitude double not null,

descricao longtext not null,

monumento\_guia\_id int not null,

primary key (monumento\_id));

CREATE TABLE reserva (reserva\_id int not null auto\_increment,

nome varchar(80) not null,

reserva\_user\_id int not null,

reserva\_monumento\_id int not null,

primary key (reserva\_id));

CREATE TABLE guia (guia\_id int not null auto\_increment,

nome varchar(80) not null,

primary key (guia\_id));

alter table monumento add constraint monumento\_fk\_guia

foreign key (monumento\_guia\_id) references guia(guia\_id)

ON DELETE NO ACTION ON UPDATE NO ACTION;

alter table reserva add constraint reserva\_fk\_utilizador

foreign key (reserva\_user\_id) references utilizador(user\_id)

ON DELETE NO ACTION ON UPDATE NO ACTION;

alter table reserva add constraint reserva\_fk\_monumento

foreign key (reserva\_monumento\_id) references monumento(monumento\_id)

ON DELETE NO ACTION ON UPDATE NO ACTION;