CREATE TABLE Utilizador (UtilizadorID int not null auto\_increment,

Username varchar(80) not null,

Password varchar(40) not null,

Nome varchar(40) not null,

primary key (UtilizadorID));

CREATE TABLE Monumento (MonumentoID 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\_GuiaID int not null,

primary key (MonumentoID));

CREATE TABLE Reserva (ReservaID int not null auto\_increment,

Nome varchar(80) not null,

Reserva\_UtilizadorID int not null,

Reserva\_MonumentoID int not null,

primary key (ReservaID));

CREATE TABLE Guia (GuiaID int not null auto\_increment,

Nome varchar(80) not null,

primary key (GuiaID));

alter table Monumento add constraint Monumento\_fk\_Guia

foreign key (Monumento\_GuiaID) references Guia(GuiaID)

ON DELETE NO ACTION ON UPDATE NO ACTION;

alter table Reserva add constraint Reserva\_fk\_Utilizador

foreign key (Reserva\_UtilizadorID) references Utilizador(UtilizadorID)

ON DELETE NO ACTION ON UPDATE NO ACTION;

alter table Reserva add constraint Reserva\_fk\_Monumento

foreign key (Reserva\_MonumentoID) references Monumento(MonumentoID)

ON DELETE NO ACTION ON UPDATE NO ACTION;

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;