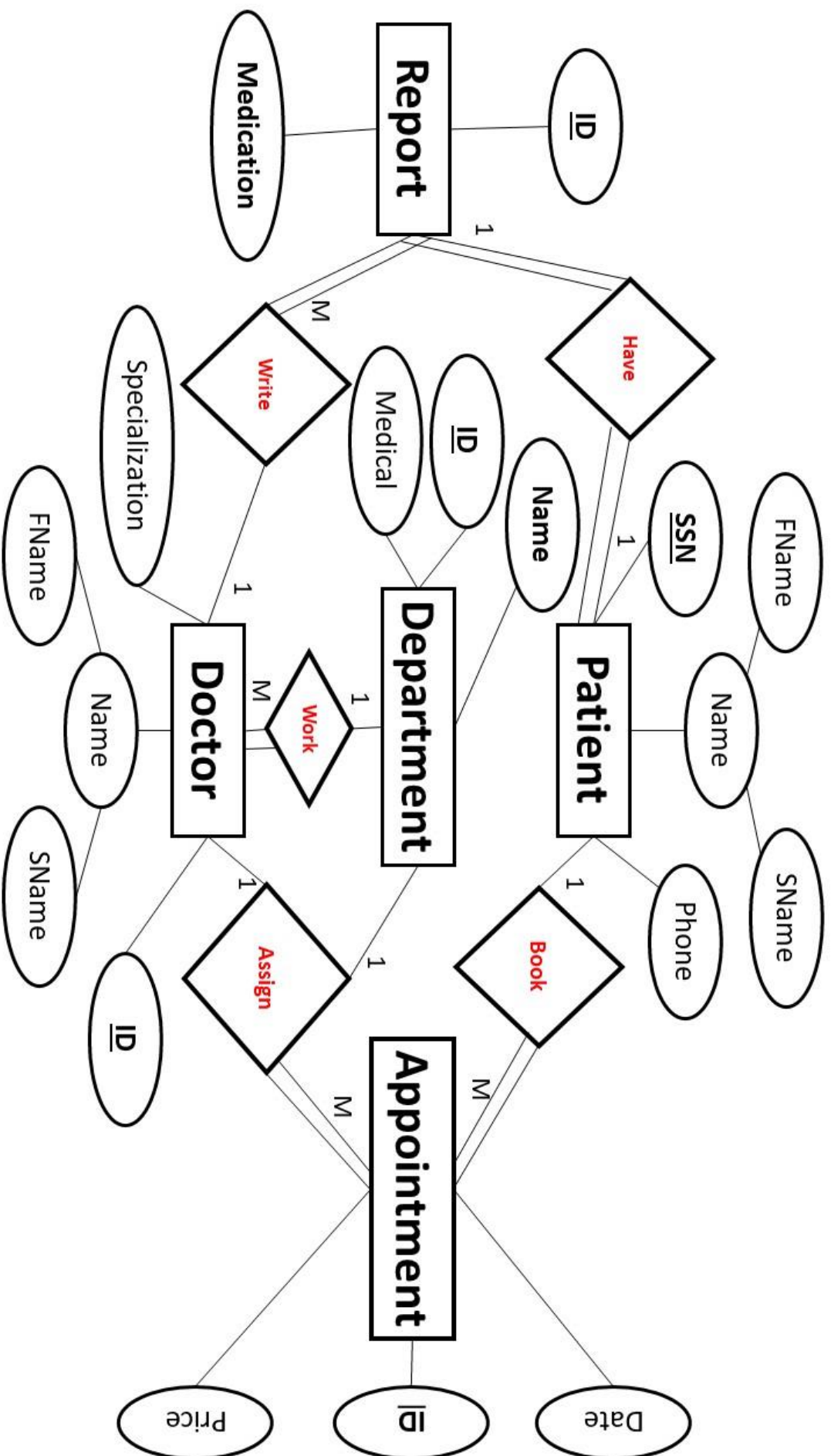
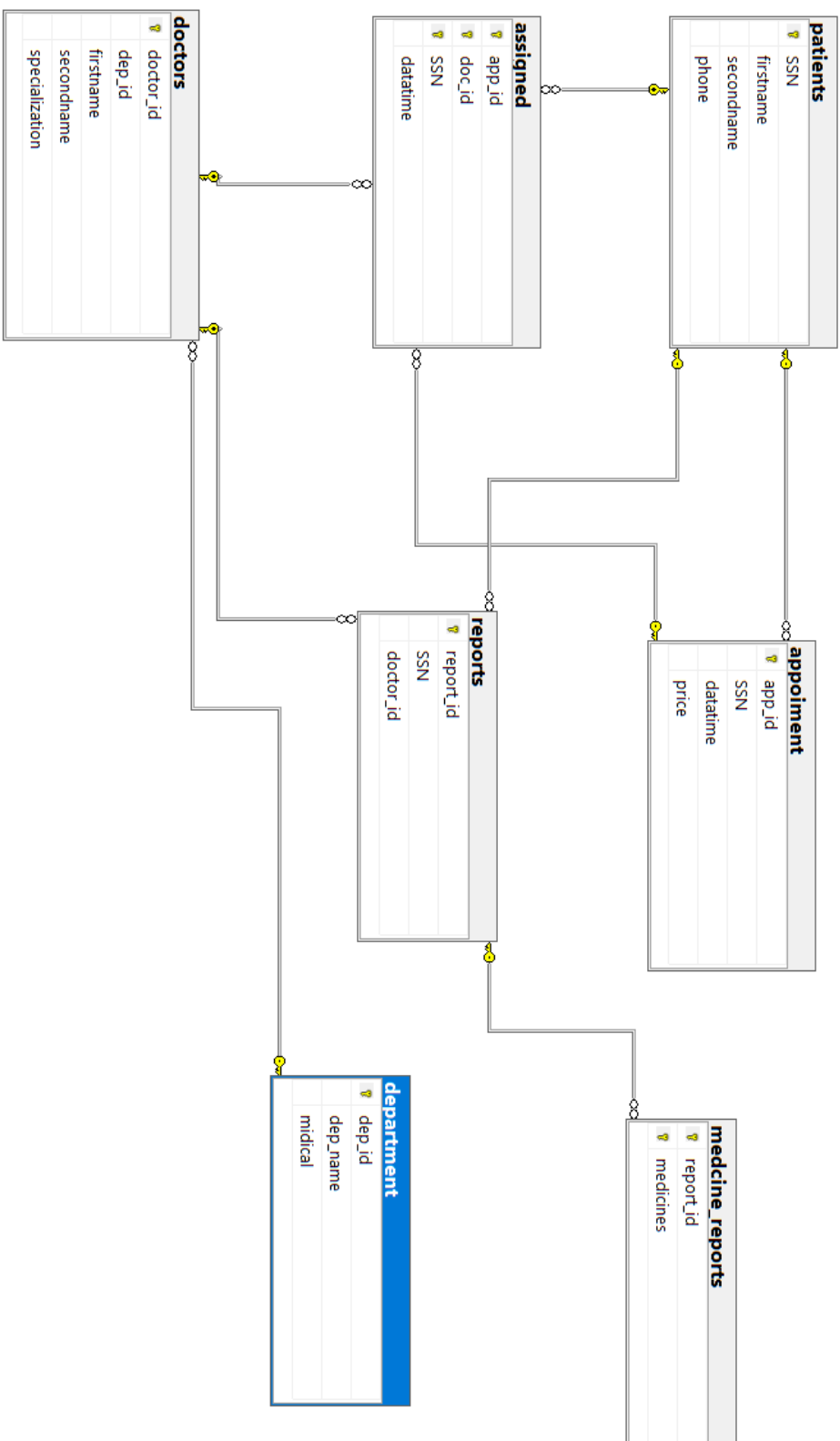


CLINIC MANAGEMENT SYSTEM

ERD



Schema



SQL

```
use master ;

create database Mangment_Clinc_Sysyem
on
(
    name = Datafile ,
    filename = 'WRITE YOUR PATH\Datafile.mdf' ,
    size = 10 ,
    maxsize = 500 ,
    filegrowth = 10
)
log on(
    name = system_log ,
    filename = 'D:\ WRITE YOUR PATH \systemlog.ldf' ,
    size = 10 ,
    maxsize = 500 ,
    filegrowth = 10
);
use Mangment_Clinc_Sysyem ;
go
create table patients(
    SSN varchar(14) not null,
    firstname varchar(20) not null ,
    secondname varchar(20) not null ,
    phone varchar(20) not null unique ,
    constraint Patient_SSN_pk primary key (SSN)
);
create table reports(
    report_id int not null identity (1,1) ,
    SSN varchar(14) not null ,
    doctor_id int not null ,
    constraint report_id_pk primary key (report_id)
);
create table medcine_reports(
    report_id int not null ,
    medicines varchar(20) not null ,
    constraint report_medcine_pk primary key (report_id ,
medicines)
);
create table doctors (
    doctor_id int not null identity (1,1) ,
    dep_id int not null ,
    firstname varchar(20) not null ,
```

```

    secondname varchar(20) not null ,
    specialization varchar(20) not null ,
    constraint doctor_id_pk primary key (doctor_id)
);

create table appoiment(
    app_id int not null identity (1,1) ,
    SSN varchar(14) not null ,
    datatime date not null ,
    price decimal not null ,
    constraint appoiment_id_pk primary key (app_id)
);

create table department (
    dep_id int not null identity (1,1) ,
    dep_name varchar(20) not null unique ,
    midical varchar(20) not null ,
    constraint department_id_pk primary key ( dep_id)
);

create table assigned(
    app_id int not null ,
    doc_id int not null ,
    SSN varchar(14) not null ,
    datatime date not null ,
    constraint assigned_pk primary key (app_id ,doc_id ,SSN)
);

alter table patients
add constraint check_len check(len(SSN)=14)
alter table reports
add constraint doc_fk foreign key (doctor_id) references
doctors(doctor_id)

alter table reports
add constraint patient_fk foreign key (SSN) references
patients(SSN)

alter table medcine_reports
add constraint medcine_reports_fk foreign key (report_id)
references reports(report_id)

alter table doctors
add constraint dep_fk foreign key (dep_id) references
department(dep_id)

alter table appoiment
add constraint patient_appoiment_fk foreign key (SSN) references
patients(SSN)

```

```
alter table assigned
add constraint patient_assigned_fk foreign key (SSN) references
patients(SSN)
alter table assigned
add constraint doc_assigned_fk foreign key (doc_id) references
doctors(doctor_id)
alter table assigned
    add constraint app_assigned_fk foreign key (app_id) references
        appoiment(app_id)
```

GUI

1. Login Form:

The image shows two overlapping screenshots of a 'Register' window. The window has a title bar with 'Register' and standard window controls. The main content area contains the following elements:

- Status :** A dropdown menu with 'Patient' selected.
- SSN || ID:** A text input field.
- Buttons:** 'Sign Up' and 'Login' buttons at the bottom.

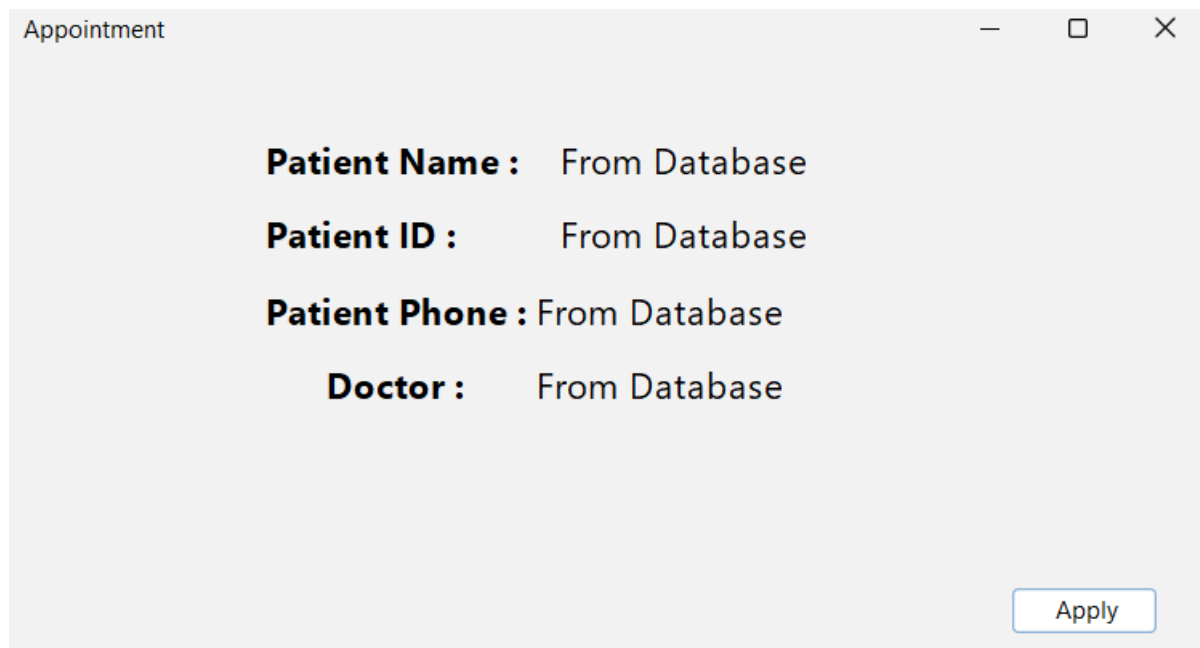
The foreground screenshot shows the dropdown menu open, displaying 'Patient' and 'Doctor' as options.

2. Patient Login :

The image shows a 'Booking' window with a title bar containing 'Booking' and standard window controls. The main content area contains the following elements:

- Patient Name :** From Database
- Patient ID :** From Database
- Patient Phone :** From Database
- Choose Department :** A dropdown menu.
- Choose Doctor :** A dropdown menu.
- Buttons:** 'Back' and 'Next' buttons at the bottom.

3. Appointment

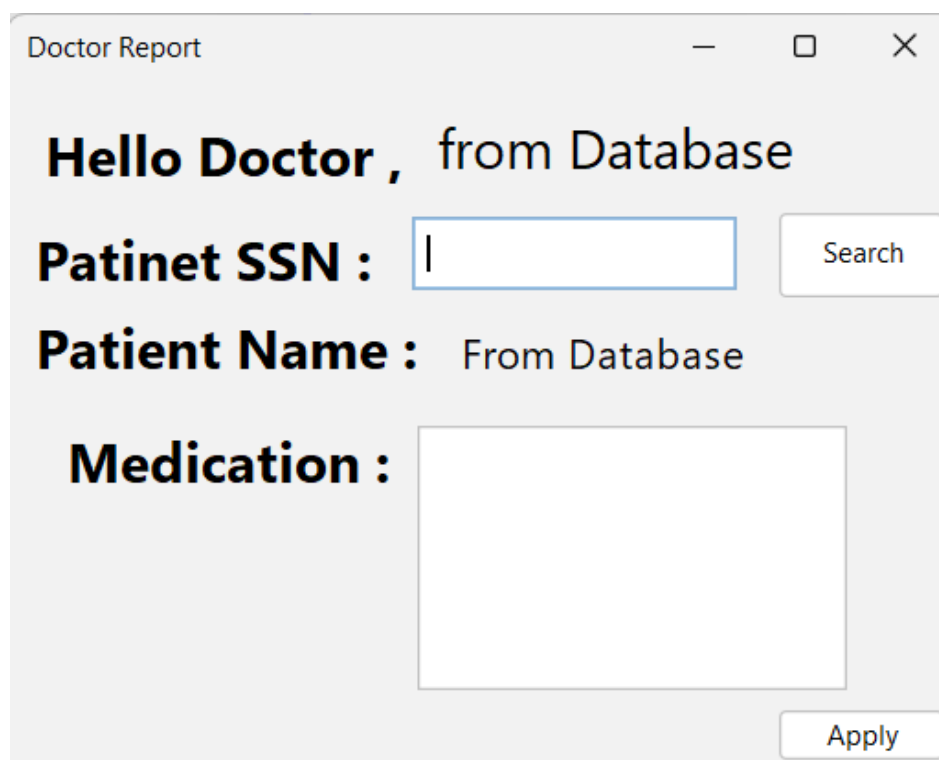


A screenshot of a software window titled "Appointment". The window has a light gray background and standard window controls (minimize, maximize, close) in the top right corner. The text inside the window is centered and reads:

Patient Name : From Database
Patient ID : From Database
Patient Phone : From Database
Doctor : From Database

In the bottom right corner, there is a button labeled "Apply".

4. Doctor Report :



A screenshot of a software window titled "Doctor Report". The window has a light gray background and standard window controls (minimize, maximize, close) in the top right corner. The text inside the window is as follows:

Hello Doctor , from Database

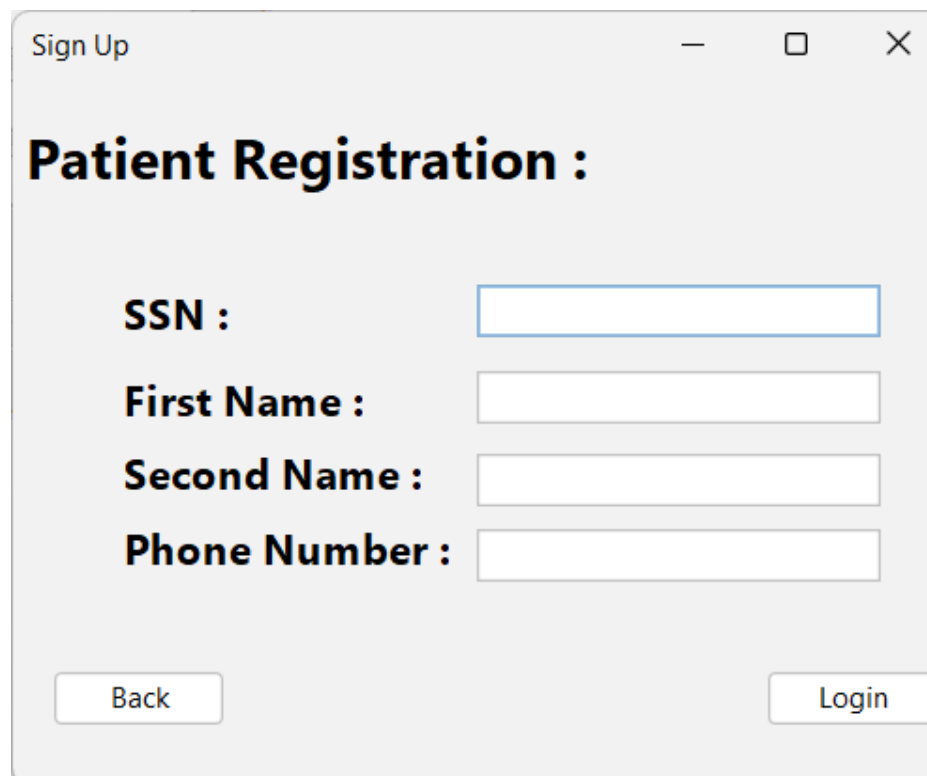
Patinet SSN :

Patient Name : From Database

Medication :

In the bottom right corner, there is a button labeled "Apply".

5. SignUp Form:



A screenshot of a web application window titled "Sign Up". The window has standard OS controls (minimize, maximize, close) in the top right corner. The main heading is "Patient Registration :". Below this, there are four input fields with labels: "SSN :", "First Name :", "Second Name :", and "Phone Number :". At the bottom, there are two buttons: "Back" on the left and "Login" on the right.

Sign Up

Patient Registration :

SSN :

First Name :

Second Name :

Phone Number :