

```

CREATE VIEW GetBookings_vw
AS
SELECT p.PatientID, d.DoctorID, b.BookingID, cr.RoomLink, ds.StartTime,
ds.EndTime
FROM Patient p
INNER JOIN Booking b ON p.PatientID = b.PatientID
INNER JOIN DoctorSchedule ds ON b.scheduleID = ds.scheduleID
INNER JOIN Doctor d ON ds.DoctorID = d.DoctorID
INNER JOIN ConsultationRoom cr ON b.ConsultationRoomID = cr.ConsultationRoomID
GO

```

```
SELECT * FROM GetBookings_vw
```

	PatientID	DoctorID	BookingID	RoomLink	StartTime	EndTime
1	10003	10000	30000	www.room.com/1	2020-08-01 17:30:00.000	2020-08-01 18:00:00.000
2	10004	10001	30001	www.room.com/2	2020-08-03 08:00:00.000	2020-08-03 09:00:00.000
3	10005	10002	30002	www.room.com/3	2020-08-05 13:10:00.000	2020-08-05 13:50:00.000
4	10009	10006	30003	www.room.com/4	2020-08-01 09:00:00.000	2020-08-01 10:00:00.000
5	10010	10007	30004	www.room.com/5	2020-08-02 09:00:00.000	2020-08-02 10:00:00.000
6	10011	10008	30005	www.room.com/6	2020-08-02 09:00:00.000	2020-08-02 10:00:00.000
7	10015	10012	30006	www.room.com/7	2020-07-20 09:30:00.000	2020-07-20 10:00:00.000
8	10016	10014	30007	www.room.com/8	2020-07-31 15:00:00.000	2020-07-31 15:25:00.000
9	10017	10013	30008	www.room.com/9	2020-07-25 10:00:00.000	2020-07-25 10:30:00.000
10	10019	10018	30009	www.room.com/10	2020-08-04 16:00:00.000	2020-08-04 17:00:00.000
11	10020	10022	30010	www.room.com/11	2020-08-02 13:00:00.000	2020-08-02 14:00:00.000
12	10021	10022	30011	www.room.com/12	2020-08-04 15:00:00.000	2020-08-04 16:00:00.000

```

CREATE VIEW GetDoctorSpeciality_vw
AS
WITH temp AS
    (SELECT d.DoctorID, (a.FirstName + ' ' + a.LastName) AS FullName,
s.SymptomName
    FROM Doctor d
    INNER JOIN Account a ON d.DoctorID = a.AccountID
    INNER JOIN DoctorSymptomSpecialty dss ON d.DoctorID = dss.DoctorID
    INNER JOIN Symptom s ON dss.SymptomID = s.SymptomID)
SELECT DISTINCT DoctorID, FullName,
STUFF((SELECT ', ' + t1.SymptomName
    FROM temp t1
    WHERE t1.DoctorID = t2.DoctorID
    FOR XML PATH('')), 1, 2, '') AS DoctorSpeciality
FROM temp t2
GO

```

```
SELECT * FROM GetDoctorSpeciality_vw
```

	DoctorID	FullName	DoctorSpeciality
1	10000	John Sun	Coronary Heart Disease
2	10001	Key Tom	Rhinitis
3	10002	Merry Jessie	gastritis
4	10006	Lance Williams	Wisdom Teeth Pericoronitis, Periodontitis
5	10007	Hugo Wilson	Bacillary Dysentery, Cholera
6	10008	Claudia Taylor	Self-compulsive Disorder
7	10012	Adam Smith	Blurred vision