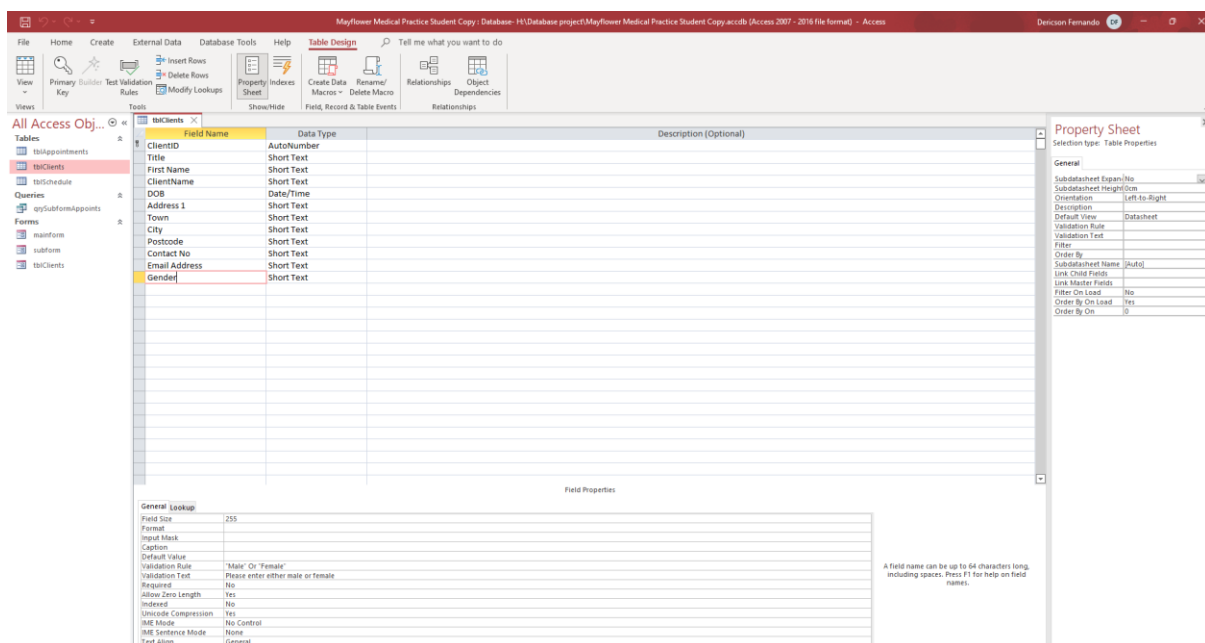# Database tasks

You will be given a database structure.

1. Add necessary validation to the tables. Screenshot below:

2. Import the **patient data** into the relevant table in the database – your teacher will show you how.

3. Import the **doctor data** into the relevant table in the database.

	DoctorsID	DoctorsName	Start	Break	End	Click to Add
⊞	1	Dr. J Naylor	09:00:00	12:00:00	16:00:00	
⊞	2	Dr. M Effanga	09:30:00	13:00:00	16:30:00	
⊞	3	Dr. L Cullen	10:00:00	13:00:00	16:30:00	
⊞	4	Nurse C Williams	09:00:00	12:30:00	13:30:00	
⊞	5	Jnr Dr J. Burrows	11:00:00	13:00:00	14:30:00	
＊	(New)					

4. Create a Form for adding new patients. Make sure you incorporate your logo. Screenshot below:

5. Add 3 new patients to your database by clicking the star at the bottom:

Show evidence of any validation techniques working.

6. Click on mainform. In Design View, edit the design so it is suitable for the receptionist to be able to make appointments over the phone. Include your logo.

7. Book 3 appointments with each doctor using the form. Restrictions of college would not allow. It should have allowed me to create new appointments and select time.

8. Double click tblAppointments to see all the appointments that have been made. Insert a screenshot below:

AppID	DoctorsID	AppointTim	AppointDat	ClientID	Click to Add
34	5	12:30:00	04/29/2021	59	
35	3	10:00:00	04/29/2021	22	
37	1	09:00:00	04/30/2021	9	
38	1	11:00:00	04/30/2021	19	
39	1	12:30:00	04/30/2021	21	
40	2	10:00:00	04/30/2021	16	
41	2	10:30:00	04/30/2021	58	
42	2	11:30:00	04/30/2021	59	
45	1	13:00:00	04/30/2021	18	
46	3	11:00:00	06/30/2022	19	
47	3	12:30:00	12/12/2022		
48	3	14:30:00	06/30/2022	22	
49	2	11:00:00	07/10/2022	14	
50	2	11:00:00	07/10/2022		
51	2	10:30:00	07/10/2022		
(New)					

9. Create a query to show the appointments Dr Naylor has for next week.

DoctorsID	AppointTim	AppointDat	ClientID	Title	First Name	ClientName	DOB	Gender
1	09:00:00	04/30/2021	9	Mr	Andrus	Barconi	01/02/1950	Male
1	11:00:00	04/30/2021	19	Miss	Beyonce	Cooper	27/09/2001	Female
1	12:30:00	04/30/2021	21	Mrs	Faith	Duncan	06/07/1976	Female
1	13:00:00	04/30/2021	18	Mrs	Aaliyah	Connolly	01/01/1994	Female

tblClients

```
*
🔑 ClientID
   Title
   First Name
   ClientName
   DOB
   Address 1
   Town
   City
   Postcode
```

tblAppointments

```
*
🔑 AppID
   DoctorsID
   AppointTime
   AppointDate
   ClientID
```

Field:	DoctorsID	AppointTime	AppointDate	ClientID	Title	First Name	ClientName	DOB
Table:	tblAppointments	tblAppointments	tblAppointments	tblAppointments	tblClients	tblClients	tblClients	tblClients
Sort:								
Show:	☑	☑	☑	☑	☑	☑	☑	☑
Criteria:	1		#30/04/2021#					
or:								

10.   Create a report to be printed or emailed to Dr Naylor showing their patients for that day. Incorporate your logo. Leave out any unnecessary information. Place a screenshot below:

Dr Naylor's Patients - 30/04/21

Appointment time	ClientID	Title	First Name	Surname	DOB	Gender
09:00:00	9	Mr	Andrus	Barconi	01/02/1950	Male
11:00:00	19	Miss	Beyonce	Cooper	27/09/2001	Female
12:30:00	21	Mrs	Faith	Duncan	06/07/1976	Female
13:00:00	18	Mrs	Aaliyah	Connolly	01/01/1994	Female

27 June 2022   Page 1 of 1

11.   Create a query for patients 50 and over to invite them for their vaccine. Screenshot your results below:

tblClients

- *
- ClientID
- Title
- First Name
- ClientName
- DOB
- Address 1
- Town
- City
- Postcode
- Contact No
- Email Address
- Gender
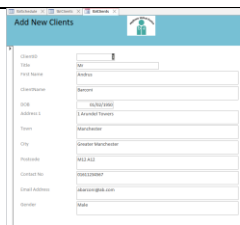
	[First Name]	[ClientName]	[ClientID]	[Title]	[DOB]	[Address 1]	[Town]	[City]	[Postcode]	[Contact No]	[Email Addres]
Field:	[First Name]	[ClientName]	[ClientID]	[Title]	[DOB]	[Address 1]	[Town]	[City]	[Postcode]	[Contact No]	[Email Addres]
Table:	tblClients	tblClients	tblClients	tblClients	tblClients	tblClients	tblClients	tblClients	tblClients	tblClients	tblClients
Sort:											
Show:	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Criteria:					<#01/01/1972#						
or:											
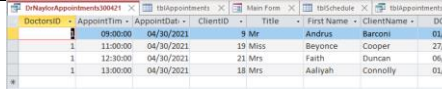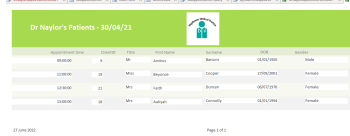
Field:	[DOB]	[
Table:	tblClients	t
Sort:		
Show:	☑	
Criteria:	>#28/04/1971#	
or:		

12.

Test Plan

Test No:	Description of test	Expected result	Actual result	Comments
1	Enter a new patient using the new patient form	All fields accept the data entered	All fields accepted the data entered	
2	Book an appointment for Dr Naylor tomorrow at 10:00	The booking form accepts the booking and is stored in the subform	N/A	

		and the appointments table		
3	Try to book another appointment for Dr Naylor tomorrow at 10:00 – it should not be available.	10:00 to be removed from the drop down list	N/A	
4	Delete a patient	The patient records are deleted from the database	The patient records are deleted from the database	
5	Run the query for appointments grouped by doctor	The query results show all appointments for each doctor	The query results showed all appointments for each doctor	
6	Create a report suitable for the doctor to see which patients	A report showing the patients in time order	The query results showed all appointments for each doctor	

	they have on a specific day			