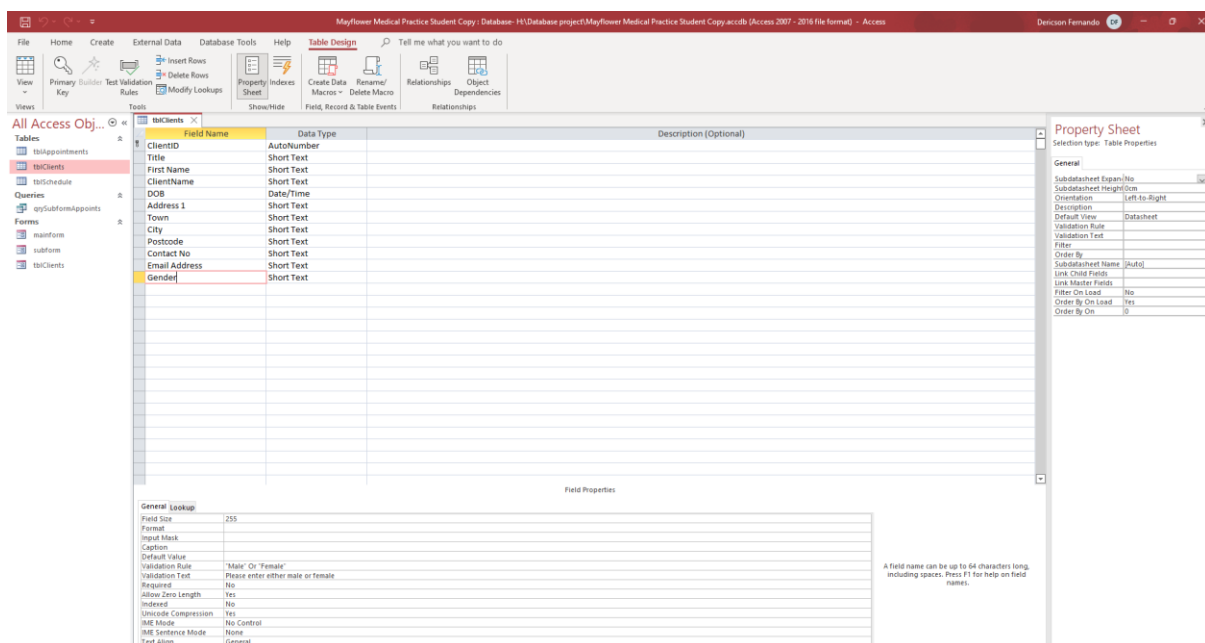


Database tasks

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.

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)					

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:

Add New Clients

ClientID:

Title:

First Name:

ClientName:

DOB:

Address 1:

Town:

City:

Postcode:

Contact No:

Email Address:

Gender:

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



Show evidence of any validation techniques working.

Address 1

Town

City

Postcode

Contact No

Email Address

Gender

Deric

Microsoft Access

! Please enter either male or female

OK Help

- 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.

tblAppointments

tblClients

tblSchedule

Queries

qrySubformApp...

Forms

Adding New Pati...

mainform

subform

DoctorsName: Dr. J Naylor

DoctorsID: 1

Appointment Date: 30/04/2021

Start Time: 09:00

Break: 12:00:00

End Time: 16:00:00

Available Time

09:00:00

09:30:00

10:00:00

10:30:00

11:00:00

11:30:00

12:30:00

13:00:00

13:30:00

14:00:00

14:30:00

15:00:00

15:30:00

Appointment List

AppID	DoctorsID	AppointTime	Patient Surname
* (New)			

May Flower Medical Practice

52 Mrs.	Ammorin	Fernando	04/05/2008 A1/F11, Bloem Denton	Manchester	M34 5WQ	078327483483	Ammo2019@g	Female
53 Mrs.	Barani	Fernando	27/09/1980 A2/F13, Bloem Kotahena	Manchester	M22 5NQ	07893759383	Tbarani@gmai	Female
54 Mrs	Electina	Fernando	01/12/2008 B11/F10, Bloer Kotahena	Manchester	M94 H3Q	07893783833	eTina@gmail.c	Female

- 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	AppointDate	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	AppointDate	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

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

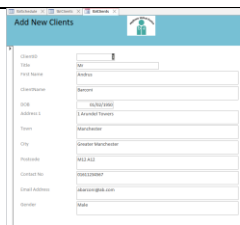
Field:	[First Name]	[ClientName]	[ClientID]	[Title]	[DOB]	[Address 1]	[Town]	[City]	[Postcode]	[Contact No]	[Email Address]
Table:	tblClients	tblClients	tblClients	tblClients	tblClients	tblClients	tblClients	tblClients	tblClients	tblClients	tblClients
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:					>#01/01/1972#						
or:											

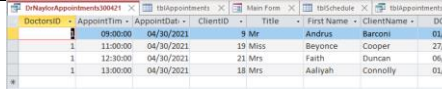
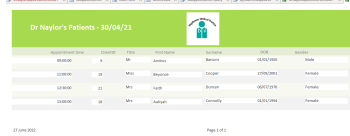
Field: [DOB]
Table: tblClients
Sort:
Show: ☒
Criteria: >#28/04/1971#
or:

DrNaylorAppointments300421		tbiSchedule	tbiAppointments Query		qrySubformAppoints		DrNaylorAppointments300421		tbiClients Query		drNaylor300421	
First Name	ClientName	ClientID	Title	DOB	Address 1	Town	City	Postcode	Contact No	Email Address	Gender	
Andrus	Barconi	9	Mr	01/02/1950	1 Arundel Tow	Manchester	Greater Manch	M12 A12	01611234567	abarconi@ab.c	Male	
Isabel	Bell	10	Mrs	27/04/1954	25 Yew Tree W	Manchester	Greater Manch	M12 A36	01618899001		Female	
Elise	Bennett	11	Mrs	07/05/1956	65 Preston Par	Manchester	Greater Manch	M12 A44	01616677889		Female	
Joshua	Bradshaw	13	Mr	05/04/1958	38 Veriston Rd	Manchester	Greater Manch	M12 A50	01617664321		Male	
Harrison	Dobson	20	Mr	03/02/1962	11 Karinsbrook	Manchester	Greater Manch	M12 A22	01610987654		Male	
Kyle	Fowler	24	Mr	02/03/1933	10 Joshua St	Manchester	Greater Manch	M12 A21	01610123456		Male	
Danielle	Franklin	25	Mrs	18/07/1969	3 Narston Rd	Manchester	Greater Manch	M12 A43	01612334455		Female	
Jennifer	Hale	27	Mrs	15/03/1956	8 Handstone S	Manchester	Greater Manch	M12 A19	01618901234		Female	
Sofia	Howard	31	Mrs	12/09/1955	12 Lynmouth L	Manchester	Greater Manch	M12 A23	01619176543		Female	
Lydia	Leach	35	Mrs	04/11/1945	14 Narston Rd	Manchester	Greater Manch	M12 A25	01617654321		Female	
Laura	Morley	41	Mrs	09/08/1947	26 Zante Prior	Manchester	Greater Manch	M12 A37	01611223344		Female	
Cerys	Noble	44	Mrs	08/10/1941	5 Walks Lane	Manchester	Greater Manch	M12 A51	01616543210		Female	
Elliot	Nolan	45	Mr	02/04/1961	6 Quince Cresc	Manchester	Greater Manch	M12 A45	01619001122		Male	
Chloe	Sims	50	Mrs	12/08/1956	4 Dean Terrace	Manchester	Greater Manch	M12 A15	01614567890		Female	
Bailey	Sims	51	Mr	06/08/1948	6 Friars Lane	Manchester	Greater Manch	M12 A17	01616789012		Male	
Billy	Weston	56	Mr	21/03/1956	17 Xanadu Rd	Manchester	Greater Manch	M12 A52	01615436109		Male	
Riley	Williamson	57	Mr	01/02/1933	9 Inka Way	Manchester	Greater Manch	M12 A20	01619012345		Male	
*		(New)										

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			
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