Variables used with Database

Module Name:	: Module1				
Variable Name	Data Type	Scope	Description		
		[G=Global,			
Divide Darka	Dete	L=local]			
BirthDate	Date	Global	Used to store birth dates into the database in the		
			correct date format.		
dbconn	New	Global	dbconn will be used to		
	SqlConnection		connect to the database		
			by utilizing the		
			connect_string.		
ds	New Dataset	Global	ds acts as the datasets		
			which will make it easier to		
			search through records and data.		
da	New	Global	da acts as a data adaptor		
da	SqlDataAdapter	Olobai	which communicates		
			between the database		
			and the program to bring		
			information into the		
			program.		
Sql	String	Global	'This is used to count the		
			records and data within the dataset.'		
CountRows	Integer	Global	Makes sure that all records		
Coornikows		Olobai	are 0 so that records can		
			be loaded and retrieved		
			later.		
LogMember	Integer	Global	This will make sure the staff		
			that logs in remains an		
			integer for the rest of the		
AllFieldsValid	Roologn	Global	program.		
Alirielasvalia	Boolean	Global	Use for validating text fields in any function. Returns		
			either true or false which		
			triggers function Boolean.		
connect_string	String	Global	Hold complete connection		
			string for SQL connection		
			and also declares the		
filonath	String	Clobal	source of the database.		
filepath	String	Global	Uses connect_string to initialize a database		
			connection and find the		
			location.		
DentistID	Integer	Global	This is used to maintain the		
			logged in user throughout		

	the program and identify
	them.

Form Name:	frmLogin		
Variable Name	Data Type	Scope [G=Global, L=local]	Description
response	MsgBoxResult	Local	Produces a response box asking Yes, No questions. This will be used to close the system on the exit button.

Form Name:	frmAdmin		
Variable Name	Data Type	Scope [G=Global, L=local]	Description
SelectedDentist	Integer	Local	This variable will be used to identify the selected dentist and dim the combo box as an integer.
SelecteddentistsName	String	Local	This will make sure that the dentist name will match the ID
response	MsgBoxResult		This variable will produce and message box result when the user wants to save an existing record.

Form Name:	frmMenu				
Variable Name	Data Type	Scope [G=Global, L=local]	Description		
SelectedAppointmentID	Integer	Local	This variable will be used to identify the selected appointment and dim the combo box as an integer.		
SelectedPatientID	Integer	Local	This variable will be used to identify the selected patient and dim the combo box as an integer.		
SelectedDentist	Integer	Local	This variable will be used to identify the selected dentist and dim the combo box as an integer.		

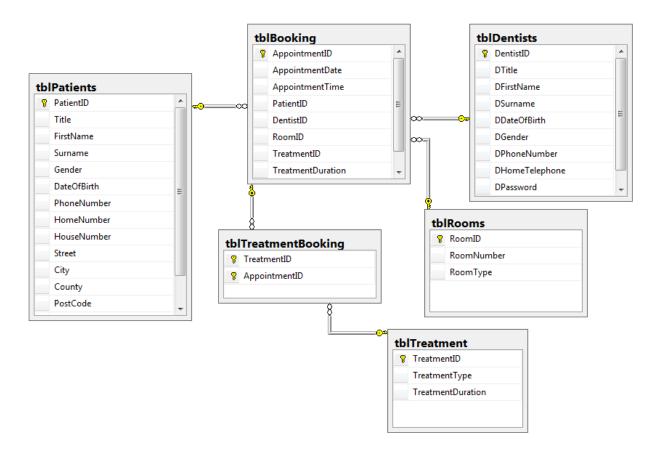
SelectedTreatment	Integer	Local	This will make sure that the treatment will be dimmed as an integer which will load the treatment type from the ID.
SelectedApointment	Integer	Local	The selected appointment will be dimmed as an integer which will identify the row on the database for deletion when the delete button is pressed.

Form Name:	frmPatientList		
Variable Name	Data Type	Scope [G=Global, L=local]	Description
SelectedPatientName	String	Local	This variable will make sure the ID will match the patients name from the database when it is loaded onto the combo boxes containing the ID's and First names.
SelectedPatient	Integer	Local	This variable will be used to identify the selected patient and dim the combo box as an integer.
response	MsgBoxResult	Local	This variable will produce and message box result when the user wants to save an existing record.

Form Name:	frmAppointmentList				
Variable Name	Data Type	Scope [G=Global, L=local]	Description		
SelectedPatient	Integer	Local	This variable will be used to identify the selected patient and dim the combo box as an integer.		
SelectedDentist	Integer	Local	This variable will be used to identify the selected dentist and dim the combo box as an integer.		
SelectedAppointment	Integer	Local	The selected appointment will be dimmed as an integer which will identify		

			the row on the database for deletion when the
			delete button is pressed.
response	MsgBoxResult	Local	This variable will produce and message box result when the user wants to save an existing record.

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tblBooking

(Column Name	Data Type	Allow Nulls
▶	ntmentID	int	
Appoir	tmentDate	date	▽
Appoir	ntmentTime	nvarchar(5)	✓
Patient	ID	int	
Dentist	ID	int	
RoomI	D	int	
Treatm	entID	int	✓
Treatm	entDuration	nvarchar(3)	✓

Tony Van - 30078829

	AppointmentID	Appointment	AppointmentT	PatientID	DentistID	RoomID	TreatmentID	TreatmentDur
•	1	24/06/2016	12:30	7	3	5	2	60
	2	03/09/2016	13:00	2	35	3	2	60
	3	21/07/2016	14:20	3	31	5	4	60
	5	13/05/2016	14:00	3	3	3	2	60
	6	23/09/2016	12:00	7	3	3	2	60
	7	25/11/2016	15:30	10	3	4	3	60
	10	21/03/2016	12:00	9	31	3	2	60
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

tblDentists

	Column Name	Data Type	Allow Nulls
₽Ÿ	DentistID	int	
	DTitle	nvarchar(5)	▽
	DFirstName	nvarchar(20)	
	DSurname	nvarchar(20)	
	DDateOfBirth	date	✓
	DGender	nvarchar(1)	
	DPhoneNumber	nvarchar(11)	
	DHomeTelephone	nvarchar(11)	✓
	DPassword	nvarchar(20)	
	DColour	nvarchar(5)	✓

	DentistID	DTitle	DFirstName	DSurname	DDateOfBirth	DGender	DPhoneNumber	DHomeTeleph	DPassword	DColour
Þ	3	Miss	Rosie	Van	12/09/1997	F	07564758694	07423672672	lol	Green
	31	Dr	Lee	Yau	02/05/1978	F	05746375748	05757578588	lol	Blue
	32	Dr	Simon	Dominic	05/02/1994	M	07564758695	92572935793	lol	Green
	33	Mrs	Kerry	Shore	07/02/1978	F	06758697446	07867478587	lol	Blue
	35	Mr	Tony	Van	12/09/1997	M	07564753586	07465768976	cake	Green
	36	Dr	John	Cena	16/03/1989	M	07463546575	02394758675	123	Green
	37	Mr	Fi	Hellomynameis	01/01/1998	M	07645374857	02384968754	123	Green
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

tblPatients

	Column Name	Data Type	Allow Nulls
•8	PatientID	int	
	Title	nvarchar(5)	
	FirstName	nvarchar(20)	
	Surname	nvarchar(20)	
	Gender	nvarchar(1)	V
	DateOfBirth	date	✓
	PhoneNumber	nvarchar(11)	✓
	HomeNumber	nvarchar(11)	✓
	HouseNumber	nvarchar(5)	✓
	Street	nvarchar(30)	
	City	nvarchar(50)	✓
	County	nvarchar(15)	
	PostCode	nvarchar(9)	
	Allergies	nvarchar(30)	
	AllergyDetails	nvarchar(30)	V

	Title	FirstName	Surname	Gender	DateOfBirth	PhoneNumber	HomeNumber
•	Mr	Thomas	Cook	М	04/12/1976	07412847188	02346748542
	Mrs	Alice	Perrinal	F	02/05/1994	01924780127	02394583956
	Miss	Helen	Ross	F	01/03/1987	12351235155	02854738533
	Mr	Bob	Ros	M	23/06/1997	12351235135	02349548582
	Miss	Penny	Rose	F	20/08/1990	12351235152	02958694836
	Mr	Monroe	Munch	M	24/04/1978	07564758475	07463526546
	Mr	Kurtis	Bob	M	23/04/1997	07645374857	07576847362
	Mr	Fi	Hellomynameis	M	01/01/1998	07645374857	08768576845
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

HomeNumber	HouseNumber	Street	City	County	PostCode	Allergies	AllergyDetails
02346748542	23	Barnes Rd	Portsmouth	Hampshire	PO4 K4B	Υ	Apples
02394583956	12	Guildford Rd	Portsmouth	Hampshire	PO2 H3D	N	None
02854738533	4	Queens Rd	Portsmouth	Hampshire	PO3 4BS	N	None
02349548582	5	Barnes Rd	Portsmouth	Hampshire	PO5 5B2	N	N
02958694836	255	Cambell	Portsmouth	Hampshire	PO7 H3N	N	N
07463526546	123	Oxford	Portsmouth	Hampshire	PO3 7HB	N	N
07576847362	12	Oxford	Portsmouth	Hampshire	PO2 3HB	N	None
08768576845	12	Barnes Road	Portsmouth	Hampshire	PO4 3BH	N	None
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

tblRooms

	Column Name	Data Type	Allow Nulls
▶8	RoomID	int	
	RoomNumber	int	
	RoomType	nvarchar(15)	

	RoomID	RoomNumber	RoomType
>	2	1	Fillings
	3	2	Polishing
	4	3	PatientCare
	5	4	Crowns
*	NULL	NULL	NULL

TblTreatments

	Column Name	Data Type	Allow Nulls
▶8	TreatmentID	int	
	TreatmentType	nvarchar(15)	
	TreatmentDuration	nvarchar(5)	

	TreatmentID	TreatmentType	TreatmentDur
•	1	Fillings	30
	2	Polishing	60
	3	PatientCare	30
	4	Crowns	60
*	NULL	NULL	NULL