

Variables used with Database

Module Name:	Module1		
Variable Name	Data Type	Scope [G=Global, L=local]	Description
BirthDate	Date	Global	Used to store birth dates into the database in the correct date format.
dbconn	New SqlConnection	Global	dbconn will be used to 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 SqlDataAdapter	Global	da acts as a data adaptor 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 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 program.
AllFieldsValid	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 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.
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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.

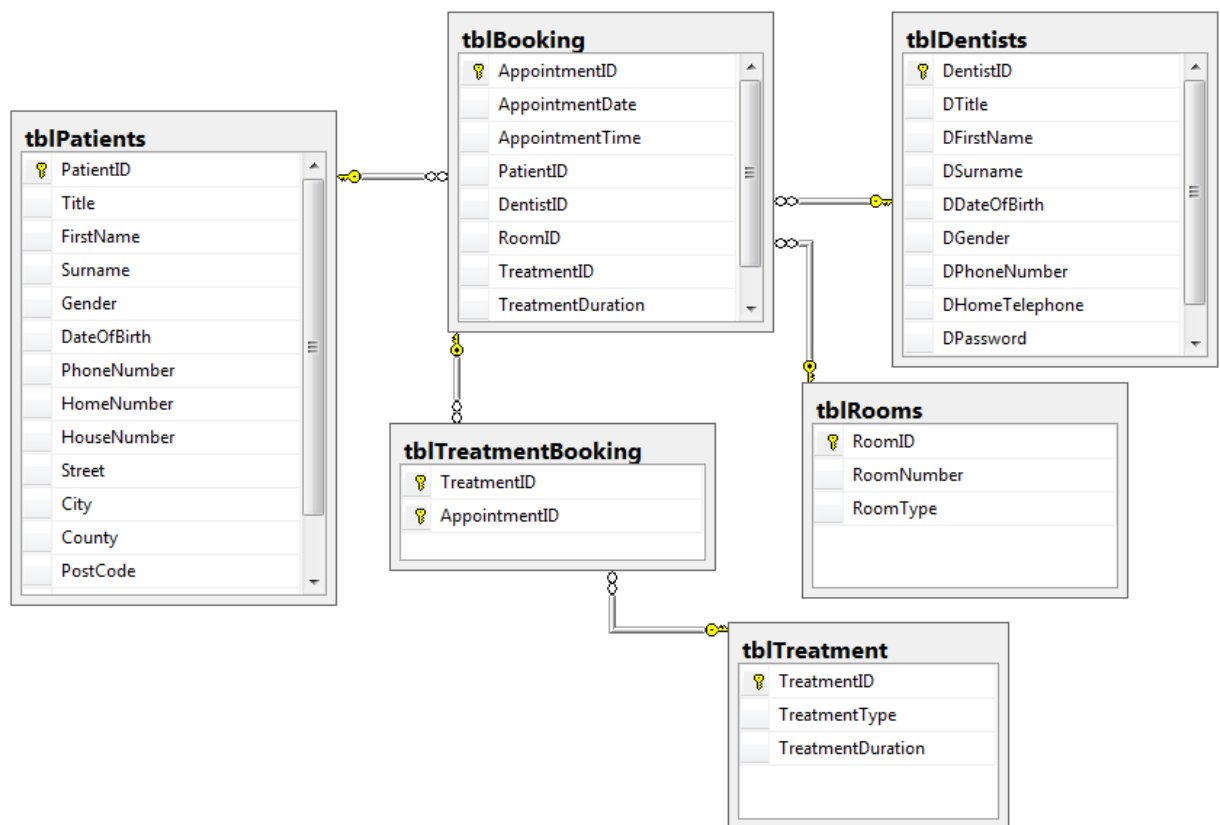
SelectedTreatment	Integer	Local	This will make sure that the treatment will be dimmed as an integer which will load the treatment type from the ID.
SelectedAppointment	Integer	Local	The selected appointment will be dimmed as an integer which will identify the row on the database for deletion when the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

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
AppointmentID	int	<input type="checkbox"/>
AppointmentDate	date	<input checked="" type="checkbox"/>
AppointmentTime	nvarchar(5)	<input checked="" type="checkbox"/>
PatientID	int	<input type="checkbox"/>
DentistID	int	<input type="checkbox"/>
RoomID	int	<input type="checkbox"/>
TreatmentID	int	<input checked="" type="checkbox"/>
TreatmentDuration	nvarchar(3)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>


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[illegible]**tblDentists**

	Column Name	Data Type	Allow Nulls
	DentistID	int	<input type="checkbox"/>
	DTitle	nvarchar(5)	<input checked="" type="checkbox"/>
	DFirstName	nvarchar(20)	<input type="checkbox"/>
	DSurname	nvarchar(20)	<input type="checkbox"/>
	DDateOfBirth	date	<input checked="" type="checkbox"/>
	DGender	nvarchar(1)	<input type="checkbox"/>
	DPhoneNumber	nvarchar(11)	<input type="checkbox"/>
	DHomeTelephone	nvarchar(11)	<input checked="" type="checkbox"/>
	DPassword	nvarchar(20)	<input type="checkbox"/>
	DColour	nvarchar(5)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>


[illegible]


tblPatients

	Column Name	Data Type	Allow Nulls
	PatientID	int	<input type="checkbox"/>
	Title	nvarchar(5)	<input type="checkbox"/>
	FirstName	nvarchar(20)	<input type="checkbox"/>
	Surname	nvarchar(20)	<input type="checkbox"/>
	Gender	nvarchar(1)	<input checked="" type="checkbox"/>
	DateOfBirth	date	<input checked="" type="checkbox"/>
	PhoneNumber	nvarchar(11)	<input checked="" type="checkbox"/>
	HomeNumber	nvarchar(11)	<input checked="" type="checkbox"/>
	HouseNumber	nvarchar(5)	<input checked="" type="checkbox"/>
	Street	nvarchar(30)	<input type="checkbox"/>
	City	nvarchar(50)	<input checked="" type="checkbox"/>
	County	nvarchar(15)	<input type="checkbox"/>
	PostCode	nvarchar(9)	<input type="checkbox"/>
	Allergies	nvarchar(30)	<input type="checkbox"/>
	AllergyDetails	nvarchar(30)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>


[illegible][illegible]


tblRooms

	Column Name	Data Type	Allow Nulls
	RoomID	int	<input type="checkbox"/>
	RoomNumber	int	<input type="checkbox"/>
	RoomType	nvarchar(15)	<input type="checkbox"/>
			<input type="checkbox"/>

	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
	TreatmentID	int	<input type="checkbox"/>
	TreatmentType	nvarchar(15)	<input type="checkbox"/>
	TreatmentDuration	nvarchar(5)	<input type="checkbox"/>
			<input type="checkbox"/>

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