CST 226 CLC Project Doctors Office

# ConnectionString Class

This class contains the connection string for the DB that runs the entire application. Here you will update the string based on where you have the database saved in order to run the application.

public static string Conn

Get and Set for the connection string

# Login Form

The login form is a simple form that has the title of the program, a username, and password textbox and a login button. This is where the user will enter their credentials in order to login to the application

# Main\_Menu Form

This form is the main form that all users regardless of their permission level will have access to. The forms available to the user will be based on their privilege level. The user can open the forms within the MDI. This allows the user to open up multiple forms at one time and minimize them all in one place.

public Main\_Menu(String username, Boolean cForm, Boolean oForm, Boolean aForm, Boolean mForm)

Assigns Boolean values enabling or disabling access to certain forms based on what permission group the user belongs to.

private void ExitToolsStripMenuItem\_Click(object sender, EventArgs e)

Closes out of the MDI

private void clericalFormToolStripMenuItem\_Click(object sender, EventArgs e)

Opens the Clerical Form

private void printToolStripMenuItem\_Click(object sender, EventArgs e)

Opens the print menu to select a printer and print the contents of the application screen.

private void staffingFormToolStripMenuItem\_Click(object sender, EventArgs e)

Opens the staffing form.

private void addClientAppointmentToolStripMenuItem\_Click(object sender, EventArgs e)

Opens the add appointment form.

private void medicalAssistantFormToolStripMenuItem\_Click(object sender, EventArgs e)

Opens the Medical Assistant form.

# Office\_Manager\_Form

This form is what an office manager will use to keep track of employee work schedules.

Code Skeleton:

Office\_Manager\_Form\_Load

pulls user\_ID and username from DB to put into the cboEmployee combobox.

btnSave\_Click event

pulls checkbox state and selected text in the cboSchedule combobox and applies it to the Schedule and Work\_Weekends fields in the Logins table

cbWeekends\_CheckedChanged

Updates the Weekends variable that is used to set the Work\_Weekends field in the database to Yes or No

btnViewSchedule\_Click

This method pulls the username, schedule, and work\_weekends fields from the Logins DB and displays them in the lstAllSchedules listviewer.

# UserControl1

This form is what tracks patient information such as their address, DOB, age, insurance, gender, diseases, allergies, medications, and so on. This form also allows the user to add a new patient to the database.

cboSelectTestResult\_SelectedIndexChanged

Gets the patients test results based on what test the user selects. It will also display the percentage of patients with the same test result as the patient.

private void getTestResultsPercentage(String tType)

This method works with the cboSelectTestResult\_SelectedIndexChanged method. It prevents redundancy by calling out to this method with the test type being performed to grab the appropriate data for the user.

# AddAppointment Form

This form is used to create appointments for patients.