**C868 – Software Capstone Project Summary**

**Task 2 – Section C**

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| --- | --- |
| **Capstone Proposal Project Name:** | http://www.idevnews.com/views/images/uploads/general/wgu_logo.png  SimpleBook |
| **Student Name:** | Victoria Brown |

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Task 2 Part C – C868 Software Development Capstone

# Application Design and Testing

# Design Document

## Class Design

The appointment scheduling software, SimpleBook, will contain twenty-one classes. Of the twenty classes, eleven of them are models used as base classes or to gather information from the database. The other nine classes are used to manipulate information from the database to store changes made or UI elements. The reference diagram and related data points are listed below. The twenty classes in the program are Appointment, Patient, Address, City, Country, User, Types, Person, SQL Data, LoginFormExceptions, ConnectToDB, Add Appointment, Modify Appointment, Patients, Main, Login, View Appointments, Consultant Schedule, Appointments by Patient, and Appointment Types. *It is important to note that customer is the same as patient in each form.*

The class, Person, is used as a parent class of User and Patient, as they each have five shared properties. Both the User and Patient classes have an active indicator, information on who created them, when they were created, when the last update occurred, and who completed the update. This polymorphic nature helps with generating reports on shared properties. While the classes share some details, they also differ in some ways. The User class contains login information to access the application, while the Patient class contains contact information, such as address details. The functionality for adding or modifying users is not included in the application for now, because this will most likely be handled by the on-site database administrator. A UML diagram outlining how the classes work together is below. Each section will be explained in greater detail after that.

## 

Graphical user interface, diagram

Description automatically generated

The above diagram shows the complete path from the login screen to the main screen. Once the user has access to the main screen, they can see a complete view of all the appointments, a search option, and buttons to access the remaining pages of the application. These pages are Add Appointment, Modify Appointment, View Appointments, Consultant Schedule, Patients, Appointment Types, and Appointments by Patient**.** Each of these makes calls to the database which inputs the data into the forms so the UI portions of the application can easily use it.

The start of the application is the Login screen. The below diagram shows that users can change the application language and has a user variable to ensure the appropriate people have access to the application. The Login Form Exceptions class was made to handle exceptions whenever incorrect information is entered on the login screen.

Diagram

Description automatically generated

After the user signs in, they have access to the Main class. This class forms a bridge to the other UI classes found in the diagram. From the main form, the user can access the Add Appointment, Modify Appointment, View Appointments, Consultant Schedule, Appointments by Type, Appointments by Patient, and Patients forms. The radio buttons on the Main form allow users to search for appointments based on type, date range, and customer ID. The next image outlines the main form and its bridge to other forms.

Timeline

Description automatically generated with low confidence

Every add, edit, and delete function performed on both appointments and patients must be sent through the SQL Data class to update the database with the new data. The SQL Data class is used by all main forms as well as the model classes above it. These models organize data into objects, while also ensuring updating database information is simple.

A close-up of a document

Description automatically generated with medium confidence

Lastly, the model classes User and Patient are unique because they inherit from the Person abstract class. These classes share many methods of code that are handled the same way. Both user and patient can be used in place of a Person object polymorphically for the shared methods and properties. A patient and a user can both be a person, but a user is not a patient**.**

Word

Description automatically generated with medium confidence

## UI Design

The focus of the UI design is simplicity. Each form shown is easy to read and simple to navigate. Buttons are labeled appropriately to ensure every user can navigate the application with minimal training. High-fidelity renders of the UI are shown below.

The first screen seen by the user is the login screen. Text boxes are labeled to show the user what information is needed. Once the textboxes are filled, the user can then click the “Login” button to enter the application. Message boxes are shown whenever a user enters invalid information.

Graphical user interface, application

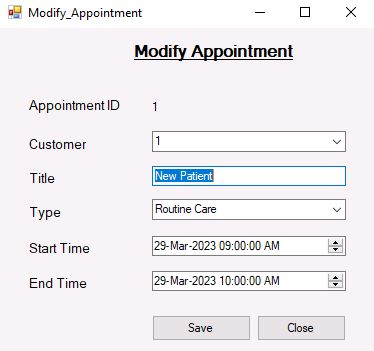
Description automatically generated

After logging in, the user is directed to the Main screen of the application. This screen shows a view of all scheduled appointments, a search function, and controls to navigate to the other forms. The buttons for adding, modifying, and deleting appointments are also found on this page. When using the search function, the visibility of the textboxes changes depending on which radio button is checked. Clicking on the “Log Off” button brings the user back to the login screen. Every button and textbox is labeled appropriately to ensure maximum usability. Graphical user interface

Description automatically generated

The “Add” and “Modify” buttons under the appointments display direct the user to add/modify appointment page. Both look similar, however, the modify appointment form displays information based on the chosen appointment. The add appointment form displays blank textboxes so that the user can enter the desired information. Both forms contain “Save” and “Close” buttons that bring the user back to the main page once clicked. Each textbox, combo box, and date picker is labeled to ensure ease of use. Graphical user interface

Description automatically generated



Clicking the “View Appointments” button directs the user to a multiple display form. The user can filter the appointments on this page based on the current week or month by utilizing the labeled radio buttons. They also have the option to view all the scheduled appointments, like the display on the Main page. A “Close” button is also available that returns to the Main page when clicked.

Graphical user interface, text, application

Description automatically generated

Clicking the “Appointment Types Report” button directs the user to a form that shows how many appointments of each type are scheduled for the previous month, current month, and next month in text form. A “Close” button is also available that returns the user to the Main page.

Graphical user interface, text, application, email

Description automatically generated

The “Consultant Schedule” button directs the user to a form showing a display of appointments that can be filtered by consultants/doctors. The user can utilize the available combo box to select the consultant whose appointments they wish to see. The “Close” button redirects the user to the Main page.

Table

Description automatically generated

If the user clicks the “Patients” button, they are directed to the patient records screen. This form contains a DataGrid View that lists all patients currently in the system. The user then has the option to add, modify, and delete patients. After clicking the “Add” or “Modify” buttons, the text boxes become available for adding desired information. Once the information is added, the user can click the “Save” button to save the record to the database.

Graphical user interface, table

Description automatically generated

Graphical user interface

Description automatically generated

Clicking the “Appointments by Patient” button directs the user to a form containing a DataGrid View of each patient and their related appointments. This form will also show patients who have multiple appointments scheduled. The “Close” button directs the user back to the Main page.

Graphical user interface, table

Description automatically generated

# Unit Test Plan

## Introduction

### Purpose

Most testing done on this application was completed manually using the user interface. All tests completed were done to check for error handling, data validation, and base functionality. Each form was individually tested before being added to the main application. After each form was tested and added to the application, a final test was completed to ensure all forms worked together without any observable errors. Any errors found were reported to the development team to be fixed promptly. A full application test was completed after each error was fixed. No errors were found in the final test run. The testing details for each form can be found below.

### Overview

Testing was completed by the team on each of the application forms. A final test was completed once each form was added to the main application. All errors were then documented in the bug report and then assigned to specialized teams of developers to resolve. All tests were completed inside the user interface.

**Login Screen**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Code** | **Test Description** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Login with the “test” account | Username: test  Password: test | Successful Login | Successful Login | Pass |
| 2 | Log in with no username | Username:  Password: test | Failed Login  MessageBox Display: “Username or Password is incorrect.” | Failed Login  MessageBox Display: “Username or Password is incorrect.” | Pass |
| 3 | Login with a typo in the password | Username: test  Password: tedt | Failed Login  MessageBox Display: “Username or Password is incorrect.” | Failed Login  MessageBox Display: “Username or Password is incorrect.” | Pass |

**Main Screen**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Code** | **Test Description** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Add Button pressed | None | **“**Add Appointment” form shown | **“**Add Appointment” form shown | Pass |
| 2 | Modify Button pressed with appointment selected | Appointment 1 selected | “Modify Appointment” form shown | “Modify Appointment” form shown | Pass |
| 3 | Delete Button with appointment selected | Appointment 1 selected | Selected appointment deleted from DataGrid View after selecting “yes” on message popup | Selected appointment deleted from DataGrid View after selecting “yes” on message popup | Pass |
| 4 | Modify Button pressed with no appointment selected | None | Message Box informing that an appointment must be selected | Message Box informing that an appointment must be selected | Pass |
| 5 | Delete Button pressed with no appointment selected | None | Message Box informing that an appointment must be selected | Message Box informing that an appointment must be selected | Pass |
| 6 | Selecting “No” on delete a pop-up message | Appointment 2 selected | Returns to Main page without deleting an appointment | Returns to Main page without deleting an appointment | Pass |
| 7 | Click radio button “Customer ID” | None | Displays text box allowing user to search by customer ID | Displays text box allowing user to search by customer ID | Pass |
| 8 | Search appointments by customer ID | Searched customer ID of 1 | Show all appointments for the customer with 1 as their ID | Show all appointments for the customer with 1 as their ID | Pass |
| 9 | Search appointments with an invalid customer ID | Searched customer ID of 12 | Pop-up displaying “No appointments available for selected customer ID” | Pop-up displaying “No appointments available for selected customer ID” | Pass |
| 10 | Click radio button “Appointment Type” | None | Displays combo box allowing user to search by selected type | Displays combo box allowing user to search by selected type | Pass |
| 11 | Search for appointments with a selected type | Select Follow-Up | Show all follow-up appointments | Show all follow-up appointments | Pass |
| 12 | Search by unlisted appointment type | Leave the combo box blank | Displays pop-up stating there are no appointments available for the selected type | Displays pop-up stating there are no appointments available for the selected type | Pass |
| 13 | Click radio button “Date Range” | None | Display date pickers allowing the user to search for appointments in a date range | Display date pickers allowing the user to search for appointments in a date range | Pass |
| 14 | Search for a valid date range | Start of March-end of March | Displays all appointments for March | Displays all appointments for March | Pass |
| 15 | Search for a range of dates without appointments | Searched December 1-December 31 | Displays pop-up stating there are no appointments in the selected date range | Displays pop-up stating there are no appointments in the selected date range | Pass |
| 16 | Search for an invalid date range | Searched March 1 – February 1 | Displays pop-up stating the start date is later than the end date | Displays pop-up stating the start date is later than the end date | Pass |
| 17 | Click “View Appointments” button | None | Calendar View form displayed | Calendar View form displayed | Pass |
| 18 | Click “Appointment Types Report” button | None | Appointment Types form displayed | Appointment Types form displayed | Pass |
| 19 | Click “Consultant Schedule Report” Button | None | Consultant Schedule form displayed | Consultant Schedule form displayed | Pass |
| 20 | Click “Patients” button | None | “Patients” form displayed | “Patients” form displayed | Pass |
| 21 | Click “Appointments by Patient” button | None | Appointments by Patient form displayed | Appointments by Patient form displayed | Pass |
| 22 | Click “Log Off” button | None | Main screen closed. User redirected to Login screen | Main screen closed. User redirected to Login screen | Pass |

**Add Appointment Screen**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Code** | **Test Description** | | **Test Data** | | **Expected Result** | | **Actual Result** | | | **Pass/Fail** |
| 1 | | Save appointment with valid information | | Customer ID: 1  Title: Cast Removal  Type: Follow-Up  Start: 9AM 3/31/23  End: 10 AM 3/31/23 | | Appointment created with provided information | | Appointment created with provided information | Pass | |
| 2 | | Save appointment without choosing a customer | | Customer ID:  Title: Cast Removal  Type: Follow-Up  Start: 9AM 3/31/23  End: 10AM 3/31/23 | | Pop-up stating that a customer must be selected | | Pop-up stating that a customer must be selected | Pass | |
| 3 | | Save appointment without entering a title | | Customer ID: 1  Title:  Type: Follow-Up  Start: 9AM 3/31/23  End: 10AM 3/31/23 | | Pop-up stating that a title must be entered | | Pop-up stating that a title must be entered | Pass | |
| 4 | | Save appointment without selecting a type | | Customer ID: 1  Title: Cast Removal  Type:  Start: 9AM 3/31/23  End: 10 AM 3/31/23 | | Pop-up stating that a type must be selected | | Pop-up stating that a type must be selected | Pass | |
| 5 | | Save appointment overlapping with another appointment | | Create same appointment as test 1. | | Pop-up stating appointment times cannot overlap | | Pop-up stating appointment times cannot overlap | Pass | |
| 6 | | Click “Close” button | | None | | Returned to Main screen | | Returned to Main Screen | Pass | |

**Modify Appointment Screen**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Code** | **Test Description** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Change data to different valid data | Change appointment type for appointment 1 from “Routine Care” to “Follow-Up” | Appointment updated with new type | Appointment updated with new type | Pass |
| 2 | Change date to overlap with existing appointment | Change start and end time of appointment 1 to 3/30/23 9AM-10 AM | Pop-up stating appointment types cannot overlap | Pop-up stating appointment types cannot overlap | Pass |
| 3 | Click “Close” button | None | Form closed. Main screen shown | Form closed. Main screen shown | Pass |

**Calendar View Screen**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Code** | **Test Description** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | “Weekly Appointments” radio button clicked | None | Displays appointments for the current week | Displays appointments for the current week | Pass |
| 2 | “Monthly Appointments” radio button clicked | None | Displays appointments for the current month | Displays appointments for the current month | Pass |
| 3 | “All Appointments” radio button clicked | None | Displays all scheduled appointments | Displays all scheduled appointments | Pass |
| 4 | “Close” button clicked | None | Form closed. Main screen displayed | Form closed. Main screen displayed | Pass |

**Appointment Types Report Screen**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Code** | **Test Description** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | “Close” button clicked | None | Form closed. Main screen displayed | Form closed. Main screen displayed | Pass |

**Consultant Schedule Screen**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Code** | **Test Description** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | No consultant selected in combo box | None | Displays all scheduled appointments | Displays all scheduled appointments | Pass |
| 2 | Select “test” consultant in combo box | None | Displays appointments scheduled for test | Displays appointments scheduled for test | Pass |
| 3 | “Close” button clicked | None | Form closed. Main screen displayed | Form closed. Main screen displayed | Pass |

**Patients Screen**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Code** | **Test Description** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Add button Clicked | None | Allows user to enter data into the available fields | Allows user to enter data into the available fields | Pass |
| 2 | Save valid entry | Name: Jane Doe  Address Line 1: 555 River St  Address Line 2: Apt 333  City: New York  Country: USA  Phone: 555-2626  Zip Code: 55555 | Patient added successfully | Patient added successfully | Pass |
| 3 | Save entry without a name | Name:  Address Line 1: 555 River St  Address Line 2: Apt 333  City: New York  Country: USA  Phone: 555-2626  Zip Code: 55555 | Pop-up stating a name must be entered | Pop-up stating a name must be entered | Pass |
| 3 | Save entry without an address | Name: Jane Doe  Address Line 1:  Address Line 2:  City: New York  Country: USA  Phone: 555-2626  Zip Code: 55555 | Pop-up stating an address must be entered | Pop-up stating an address must be entered | Pass |
| 4 | Save entry without a city | Name: Jane Doe  Address Line 1: 555 River St  Address Line 2: Apt 333  City:  Country: USA  Phone: 555-2626  Zip Code: 55555 | Pop-up stating a city must be selected | Pop-up stating a city must be selected | Pass |
| 5 | Save entry without a zip code | Name: Jane Doe  Address Line 1: 555 River St  Address Line 2: Apt 333  City: New York  Country: USA  Phone: 555-2626  Zip Code: | Pop-up stating a zip code must be entered | Pop-up stating a zip code must be entered | Pass |
| 6 | Save entry without a phone number | Name: Jane Doe  Address Line 1: 555 River St  Address Line 2: Apt 333  City: New York  Country: USA  Phone:  Zip Code: 55555 | Pop-up stating a phone number must be entered | Pop-up stating a phone number must be entered | Pass |
| 7 | Modify button clicked without patient selected | None | Pop-up stating a customer must be selected before being modified | Pop-up stating a customer must be selected before modifying | Pass |
| 8 | Attempt to save entry with missing information | Remove address from entry | Pop-up stating address must be entered before saving | Pop-up stating address must be entered before saving | Pass |
| 9 | Save modified record with updated information | Change name of customer 1 from John Doe to Phil Doe | Record updated with new name | Record updated with new name | Pass |
| 10 | Delete button clicked with no record selected | None | Pop-up stating a record must be selected before deleting | Pop-up stating a record must be selected before deleting | Pass |
| 11 | Delete button pressed with a record selected | Customer ID 2 selected | Pop-up asking user to confirm the deletion | Pop-up asking the user to confirm the deletion | Pass |
| 12 | Select “No” on delete pop-up | Customer ID 2 selected | Return to customers form. No customers deleted | Return to customers form. No customers deleted | Pass |
| 13 | Select “Yes” on delete pop-up | Customer ID 2 selected | Customer deleted | Customer deleted | Pass |
| 14 | Cancel button clicked | None | Return to form showing add, modify, delete | Return to form showing add, modify, delete | Pass |
| 15 | Close button pressed | None | Form closed. Returned to Main screen | Form closed. Returned to Main screen | Pass |

**Appointments by Patient Screen**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Code** | **Test Description** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | “Close” button clicked | None | Form closed. Returned to Main screen | Form closed. Returned to Main screen | Pass |

## Test Plan

### Items

* .Net Framework 4.7.2
* Visual Studio 2019
* Windows 10
* Access to the test account

### Features

All methods from all controllers were tested. All tests were completed using the User Interface (UI) of the application. Full testing of the interface was done to ensure usability. Data integrity was observed from the tests, as the validation of data was done by the controllers. Any error messages shown in the controller interface were handled as part of the test plan.

### Deliverables

List The pass and fail marks of each test completed in the above tables will be given after testing is completed. The tables also show what tests and data were used, the expected results, and the actual results of each test. The final tables of the test will be given to the client for reference.

### Tasks

1. Complete the test case
2. Log test failures
3. Assign failures to specialized development teams for remediation
4. Re-do test cases after bug fixes
5. Repeat the above steps until all tests pass

### Needs

Describe A Windows 10 environment will be needed to complete all tests. Visual Studio 2019 will also be required with a .Net framework of 4.7.2 installed. A network connection is needed as well to access the MySQL database.

### Pass/Fail Criteria

As shown in the tables above, the test plan accounts for pass and fail criteria with the actual results versus the expected results columns. If both columns match, a pass will be recorded, while a fail is given when the results do not match. Failures will be logged in the bug report and then assigned to the development team for remediation.

## Specifications

Source code will be attached to the final submission in the WGU portal.

# User Guide

## Introduction

This guide is for users of the SimpleBook Application. SimpleBook is a C# application designed with ease of use in mind. Follow the instructions below for setup and usage steps for SimpleBook.

## Installation and Using the Application

1. The first step is to ensure the machine meets the minimum requirements for the SimpleBook application. The machine must have any version of Windows 10. The .Net runtime may require installation; however, most machines have this installed already for other windows applications. MySQL Workbench is needed for any administrative duties, such as adding users to the application.
2. The application will appear in a .zip format. Users should right-click the .zip file and select “extract all.”

Graphical user interface

Description automatically generated

1. After clicking “extract all,” a dialog box shows. Pick the location where you would like to extract the file.

Graphical user interface, text, application, email

Description automatically generated

1. Open the folder in which you extracted the SimpleBook application and double-click the application file named “SimpleBook.”

Graphical user interface, text, application

Description automatically generated

## *Login and Signup*

1. Once arriving at the login screen, fill in the text fields for both the username and the password.
   1. Note that for the test, the username is “test” and the password is “test.” Values should be entered without quotation marks.
2. Click the “Start” button to navigate to the Main screen.
3. The “Close” button exits the application.

*Graphical user interface, application

Description automatically generated*

## *Main Screen*

### *Navigation*

1. Once logged in, you have a view of the Main screen.

*Graphical user interface, application

Description automatically generated*

1. You can click the “Add” button under the Appointments view to add a new appointment.
   1. See the Add/Modify Appointment section for more information.
2. You can click the “Modify” button under the Appointments view to modify an existing appointment.
   1. See the Add/Modify Appointment section for more information.
3. You can click the “Delete” button under the Appointments view to delete a current appointment. After clicking, a confirmation dialog will display. Click “Yes” to proceed with the deletion and click “No” if you do not wish to delete the selected appointment.
   1. Note that an appointment must be selected before deleting can occur.
4. You can click the “View Appointments” button in the “Controls” section to see a collection of appointments and filter them based on the current week or month.
   1. See the Calendar View section for more information.
5. You can click the “Appointment Types Report” button in the “Controls” section to see a collection of appointments grouped by type for the current month, last month, and next month.
   1. See the Appointment Types section for more information.
6. You can click the “Consultant Schedule” button in the “Controls” section to see appointments per consultant.
   1. See the Consultant Schedule section for more information.
7. You can click the “Patients” button in the “Controls” section to see a view of all patients.
   1. See the Patients section for more information.
8. You can click the “Appointments by Patient” button in the “Controls” section to see a view of appointments per patient.
   1. See the Appointments by Patient section for more information.
9. You can click the “Log Off” button to be returned to the Login screen.
10. This screen also contains a search function. Under “Search Criteria” you have three options, customer ID, appointment type, and date range. Clicking each radio button shows different textboxes each with different data that can be entered. After entering valid data, clicking the “Search” button will change the view to list appointments that meet the criteria.
    1. Note that the end date cannot be before the start date in the search function.

## *Add/Modify Appointment Screen*

1. From the Main screen, click the “Add” button under the Appointments view to access the Add Appointment form.
2. Enter a customer ID, appointment title, appointment type, start date, and end date then press the “Save” button to add a new appointment. The appointment ID will automatically be entered upon saving.
3. Click the “Close” button if you do not wish to save the entered information. You will be redirected to the Main screen.

*Graphical user interface, application

Description automatically generated*

1. From the Main screen, click the “Modify” button to edit an existing appointment.
   1. Note that an appointment must be selected from the appointments view before clicking the modify button.
2. Click the “Close” button if you do not wish to save the edited information. You will be redirected to the Main screen.

Graphical user interface, application

Description automatically generated

## *Calendar View Screen*

1. From the Main screen, click the “View Appointments” button to see the Calendar View screen. Upon opening, the view is blank.

Graphical user interface, text, application, email

Description automatically generated

1. Click the “Weekly Appointments” radio button to view a collection of the appointments scheduled for the current week.

Graphical user interface, text, application

Description automatically generated

1. Click the “Monthly Appointments” radio button to view a collection of the appointments scheduled for the current month.

Graphical user interface

Description automatically generated

1. Click the “All Appointments” button to view a collection of all the scheduled appointments.

Graphical user interface, application, table

Description automatically generated

1. Click the “Close” button to be redirected to the Main screen.

## *Appointment Types Report Screen*

1. From the Main screen, click the “Appointment Types Report” button to see the Appointment Types screen. This screen shows the number of appointment types in text form scheduled for last month, this month, and next month.

Graphical user interface, text, application, email

Description automatically generated

1. Click the “Close” button to be redirected to the Main screen.

## *Consultant Schedule Report Screen*

1. From the Main screen, click the “Consultant Schedule Report” button to see the Consultant Schedule screen. Upon opening, this screen shows a collection of all scheduled appointments.

Graphical user interface, table

Description automatically generated

1. Utilize the combo box above the appointments view to choose a consultant whose schedule you would like to view.

Table

Description automatically generated

1. Click the “Close” button to be redirected to the Main screen.

## *Patients Screen*

1. From the Main screen, click the “Patients” button to see the Patients screen. Upon entering, the textboxes below the Patients view will be grey.

Graphical user interface, table

Description automatically generated

1. Click the “Add” button to highlight the text boxes.
2. Click the “Save” button after all fields have been completed to add a new patient. The Address Line 2 field is optional, and the ID field will be automatically entered upon saving.

Graphical user interface

Description automatically generated

1. Click the “Cancel” button to stop adding a patient.
2. Click the “Modify” button after selecting a current patient to modify the record.
3. Click the “Save” button after entering valid data to update the record.
4. Click the “Cancel” button to stop editing a patient.

Graphical user interface, application

Description automatically generated

1. To delete a selected patient, click the “Delete” button. After clicking, a confirmation dialog will display. Click “Yes” to proceed with the deletion and click “No” if you do not wish to delete the selected patient.

Graphical user interface, application

Description automatically generated

1. Click the “Close” button to return to the Main screen.

## *Appointments by Patient Screen*

1. From the Main screen, click the “Appointments by Patient” button to see the Appointments by Patient screen.
2. Upon entering, you can see a display of every patient with a scheduled appointment.

Graphical user interface, table

Description automatically generated

1. Click the “Close” button to return to the Main screen.