

**HTG Nutrition Care User Manual**

**Group members**

Rodney Vencio, Linh Tuan Truong, Mamadou Diallo,

Rachel Bautista, Marufa Chowdhury

**PROJ 354**

**Client**

Amina Ashraf

**Instructor**

John O’Loughlin

April 2017

Table Of Contents

Preface 3

[I. Purpose of the document 3](#_Toc469428919)

[II. Documentaion standards 3](#_Toc469428920)

[System overview 4](#_Toc469428916)

[I. System purpose 4](#_Toc469428919)

[II. Clients/End-users 4](#_Toc469428920)

[III. Main function of the system 4](#_Toc469428926)

[Installation Procedure 5](#_Toc469428923)

[Tutorial 6](#_Toc469428935)

[I. Sign-up 6](#_Toc469428924)

[II. Book appointment (Patient) 10](#_Toc469428925)

[Index 16](#_Toc469428945)

[Appendices 17](#_Toc469428953)

[Appendix A: ENROLLMENT CHART 17](#_Toc469428954)

[APPENDIX B: CLIENT CHART 18](#_Toc469428955)

[APPENDIX C: WEIGHT MAP 19](#_Toc469428956)

FIGURES

[Figure 1: HTG Nutrition Care Home Page 6](file:///C:\Users\oicne\Desktop\Capstone\Printing\HTG%20Nutrition%20-%20Capstone%202016%20-%20Requirements%20Doc%203.docx#_Toc469053109)

[Figure 2: HTG Nutrition Care Sign Up 7](file:///C:\Users\oicne\Desktop\Capstone\Printing\HTG%20Nutrition%20-%20Capstone%202016%20-%20Requirements%20Doc%203.docx#_Toc469053110)

[Figure 3 Nutrition Care Sign Up - Successful 7](#_Toc469053111)

[Figure 4 Nutrition Care Sign Up - Failed 8](#_Toc469053112)

[Figure 5 New patient info 9](#_Toc469053113)

[Figure 6 Patient page 10](#_Toc469053114)

[Figure 7 Login 11](#_Toc469053115)

[Figure 8 Login error message 11](#_Toc469053116)

[Figure 9 Book appointment 12](#_Toc469053117)

[Figure 10: Book appointment - Successful 13](file:///C:\Users\oicne\Desktop\Capstone\Printing\HTG%20Nutrition%20-%20Capstone%202016%20-%20Requirements%20Doc%203.docx#_Toc469053110)

[Figure 11 Book appointment - Failed 13](#_Toc469053111)

[Figure 12 Cancel appointment 14](#_Toc469053112)

[Figure 13 Cancel appointment - Successful 15](#_Toc469053113)

[Figure 14 Cancel appointment - Failed 15](#_Toc469053114)

# Preface

## Purpose of the Document

The purpose of this user manual document is to demonstrate clients/users how to sign up for an account to have access to the webpage and navigate with patient privileges. It also demonstrates step by step how to book appointments through the system.

## Documentation Standards

For formatting this document, we have used Microsoft Word 2013-2016. All Heading 1 are shaded in dark blue while Heading 2 in light gray with the Heading 3 being prefixed by uppercase Roman numeral characters. After Heading 3, the prefix on the rest of the subtitles and subheadings use following format sequence: Capital letter, number, lowercase letter, lowercase roman numerals. Except the front page, the font size is a standard 12 points from Heading 1 down to the regular paragraphs. Likewise, the font type is a standard ‘Tw Cen MT’ font from top to bottom. System screenshots are referenced with figure numbers.

# System overview

## System purpose

The purpose of this system is to allow the client and nutritionist to interact without having to physically be there when not needed. A client can do so by signing up and creating a personal account that will allow them to then have access to many more services. Once the client has signed up, they can book appointments or cancel previously booked appointments at their convenience through the system. They also have the privilege to document their progress in the patient journal, update and edit it as they go. Patient has the freedom to create separate journals for separate events i.e. vacation, cheat days. These Journals can be reviewed by the nutritionist who will be using it to review the patient progress. Payment plans for meal packages are available for clients and payments can be made through the website. Clients can easily get expert nutrition advice, meal package plans and keep track of their progress from the comfort of their own home. Nutritionist will not have to have clients physically come in the clinic to fill out charts, it can be all done through their account for the nutritionist to have access to. Refer to Appendix A, Appendix B and Appendix C.

## clients/end-users

The clients that would be using the system are the ones already signed up for the program, perspective clients, office assistant and the nutritionist. Clients can access the system from any PC with internet connection by connecting to the website and logging in. Perspective clients can also access the website with a PC from anywhere. Nutritionist and office assistant will be able to do the same as the clients and the perspective clients.

# Installation procedures

Software needs for installation:

NetBeans IDE (recommended version 8.2) with compatible Java idk.

Payara Server – server file in USB with all configuration need

MySQL server up and running (MySQL application setup file in USB)

Link to download Java SE:

<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

Link to download NetBeans IDE: <http://www.oracle.com/technetwork/java/javase/downloads/jdk-netbeans-jsp-142931.html>

1. Set up Java SE development Kit
2. Set up NetBeans IDE
3. Set up MySQL installer, MySQL server and development tools
4. Add Payara Glassfish server to NetBeans
5. From NetBeans, on the Services tab, right click on ‘Servers’ and click ‘add server’
6. Locate the Payara Glassfish server download from the USB
7. The server domain is “person\_domain\_5”
8. Execute SQL script into database
9. Run the MySQL\_capstone.sql script file in MySql server under “root” user
10. Import the web application
11. Option 1: import from SVN (require SVN username and password)
12. From NetBeans 🡪 Team 🡪 Subversion 🡪 Checkout
13. Repository URL: <https://vapp2511.ict.sait.ca/svn/CapstoneTeam03>
14. Enter Username and Password
15. Import HTGWebApplication project into NetBeans
16. Option 2: import from the application in USB
17. Extract HTGWebApplication zip file from USB
18. NetBeans 🡪 File 🡪 Open Project
19. Locate the HTG application
20. Open project
21. Run the application
22. Make sure MySQL service is up and running
23. Run the project
24. Clean and build the project – Important
25. Login as patient to test connection

* Username: patient
* Password: !1Qwerty

# Tutorial

## sign up

**Step 1 – Open browser:**

* Open a browser of your choice and go to HTG Nutrition Care page.

**Step 2 – Sign up button:**

* The Home page will be the first page that will appear once the webpage is loaded. On the top left side of the page inside the top black navigation bar the will be a little person icon with ‘sign up’ written next to it as can be seen in *Figure 1*. If you click on it, a popup will appear with 3 required fields and a submit button as can be seen in *Figure 2.*



Figure 1- HTG Nutrition Care Home page

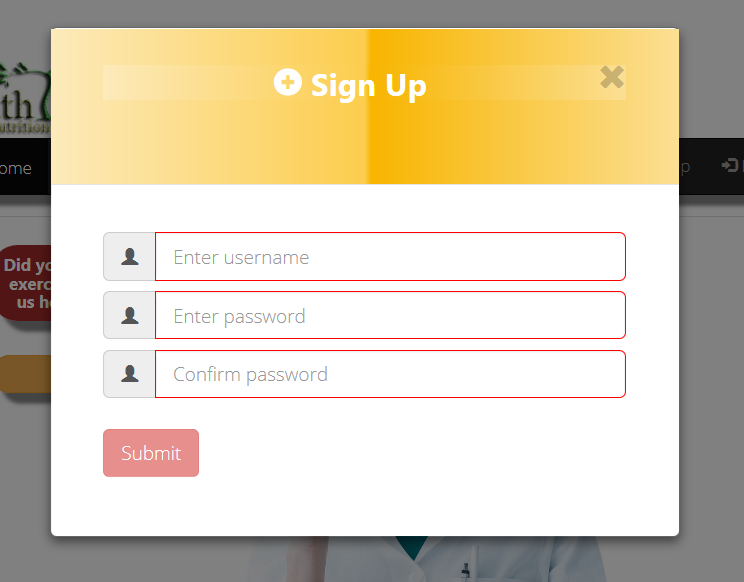


Figure 2- HTG Nutrition Care Sign Up

**Step 3 – Sign up fields:**

* The first field is the username field, choose a username and enter it in the first field. The second field is for a password. The password must meet complexity requirements: minimum of 8 characters, lowercase letter, uppercase letter, a number and a special character. And the third field will require you to confirm your password by re-entering it. If the sign up information was successful, the field borders will turn green. See *Figure 3*.

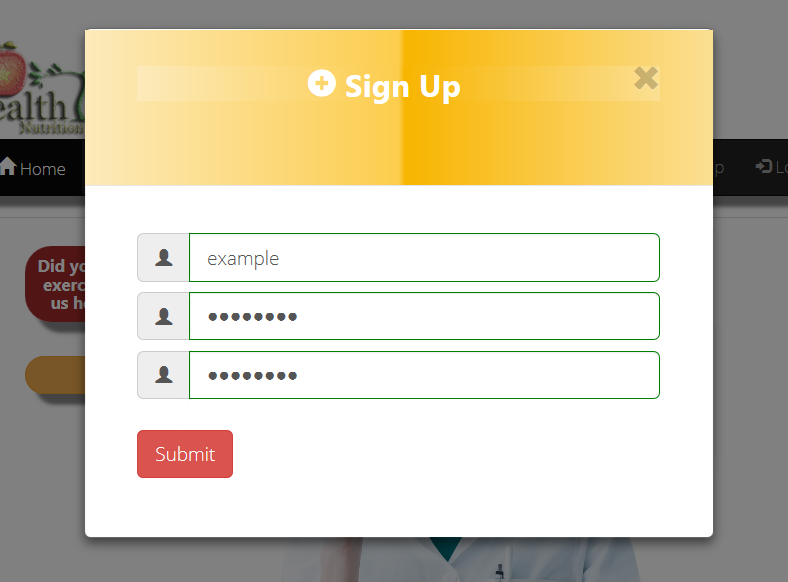


Figure 3 - HTG Nutrition Care Sign up -Successful

* If password doesn’t meet the complexity requirements or the second and third fields for password don’t match, submission won’t be allowed. The submit button will be disabled (light red) until all fields are filled in properly and the incorrect field borders will be red as can be seen in *Figure 4*.

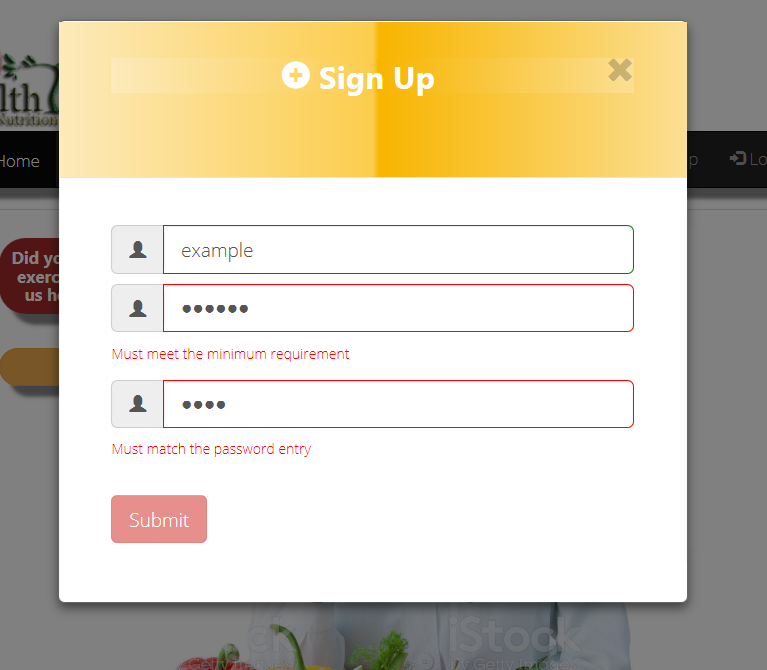


Figure 4 - HTG Nutrition Care Sign up –Failed

**Step 4 – Submit:**

* Once the fields are all filled, the ‘submit’ button will be enabled, it becomes dark red, and can be clicked to be signed up. See *Figure 3*.

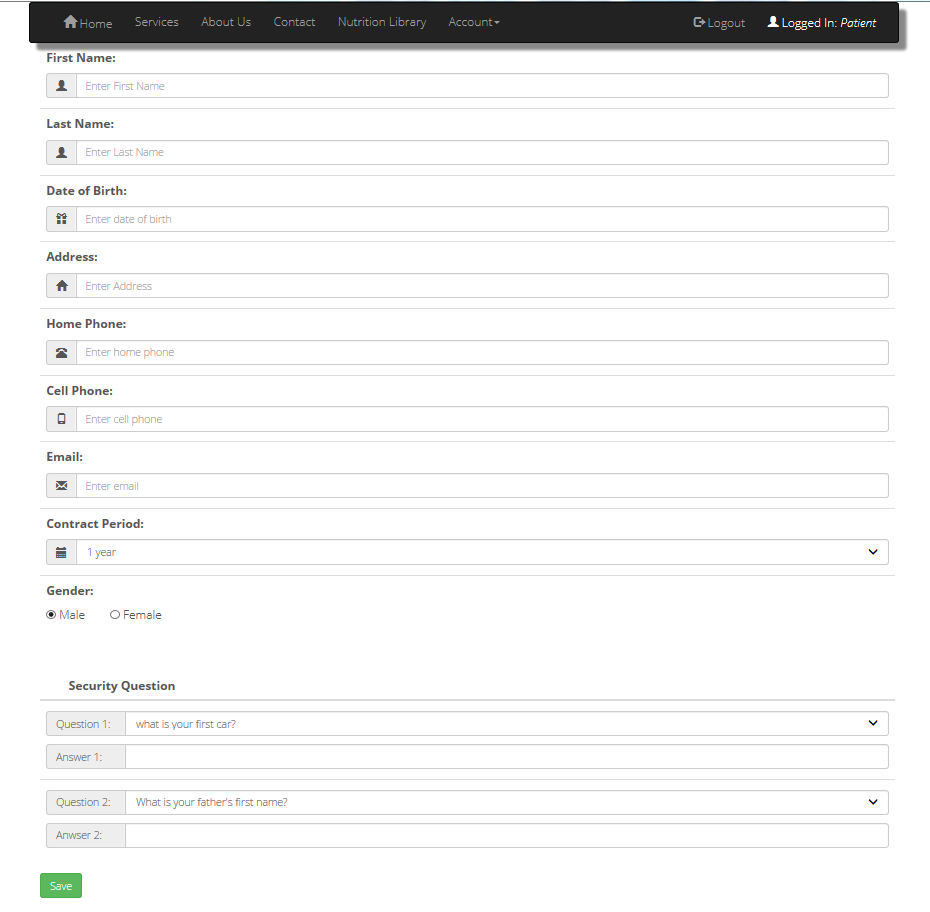


Figure 5 – New patient info

**Step 5 – New patient info:**

* When the ‘submit’ button is clicked, client will be directed to his new patient info page as seen in *Figure 5*.
* All fields are mandatory to successfully create a patient info page.

The first two fields are for the first and last name of the patient, the third field is for client’s date of birth.

* Click on the third field for the drop down calendar and select date of birth.
* Contract Period is just to let the admin know how long you are interested to use the website and its features. By clicking the down arrow that will create a drop down menu with all the different options for contract.
* For the Security Question section, the user will select two questions from the options and provide the answer in the appropriate answer boxes.

**Step 6 – Patient page:**

* When the green ‘save’ button is clicked, client will be directed to his a patient page. The header navigation bar will say logged in with the word patient next to it. See *Figure 6.*



Figure 6 - Patient page

## Book Appointment (Patient)

**Step 1 – Open browser**:

* Open a browser of your choice and go to HTG Nutrition Care page.

**Step 2 – Login patient account:**

* Log in to account by using valid credentials. If login credentials are valid, text field borders will be green. Click the green ‘Login’ button under the text fields to log in to your account. See *Figure 7.*

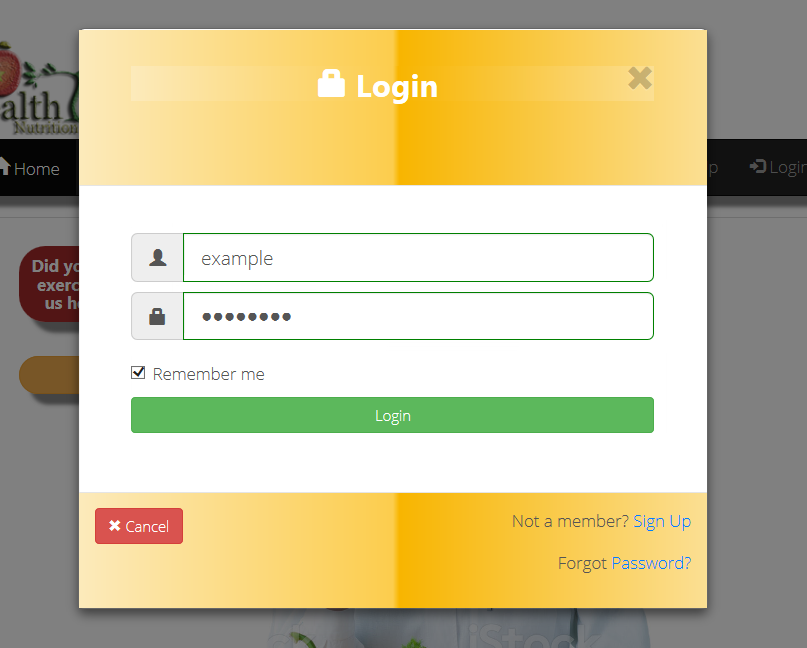


Figure 7 – Login

* Providing invalid login credentials will results in the login popup box to disappear and an error message to pop up on the screen. See *Figure 8.*

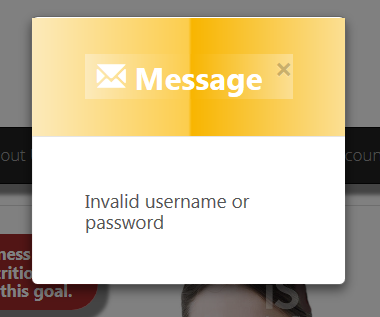


Figure 8 – Login error message

**Step 3 – Patient page:**

* If sign in is successful, the main webpage will be directed to patient page. See *Figure 5.*

**Step 4 – Appointment page:**

* To access ‘Book Appointment’ page, click ‘Account’ on the header navigation bar.
* Upon clicking it, a drop down menu will appear and it will have 12 options to choose from. The appointment booking option will be the last one.
* Once ‘Book Appointment’ is selected, it will redirect the client to the appointment booking page.
* A list of available dates to be book will be displayed on the screen with ‘book’ and ‘cancel’ buttons on the right of each time slots. Any time slot that is colored green is available for the patient to book. If a slot is greyed out, it means that a booking has been made by a client already.

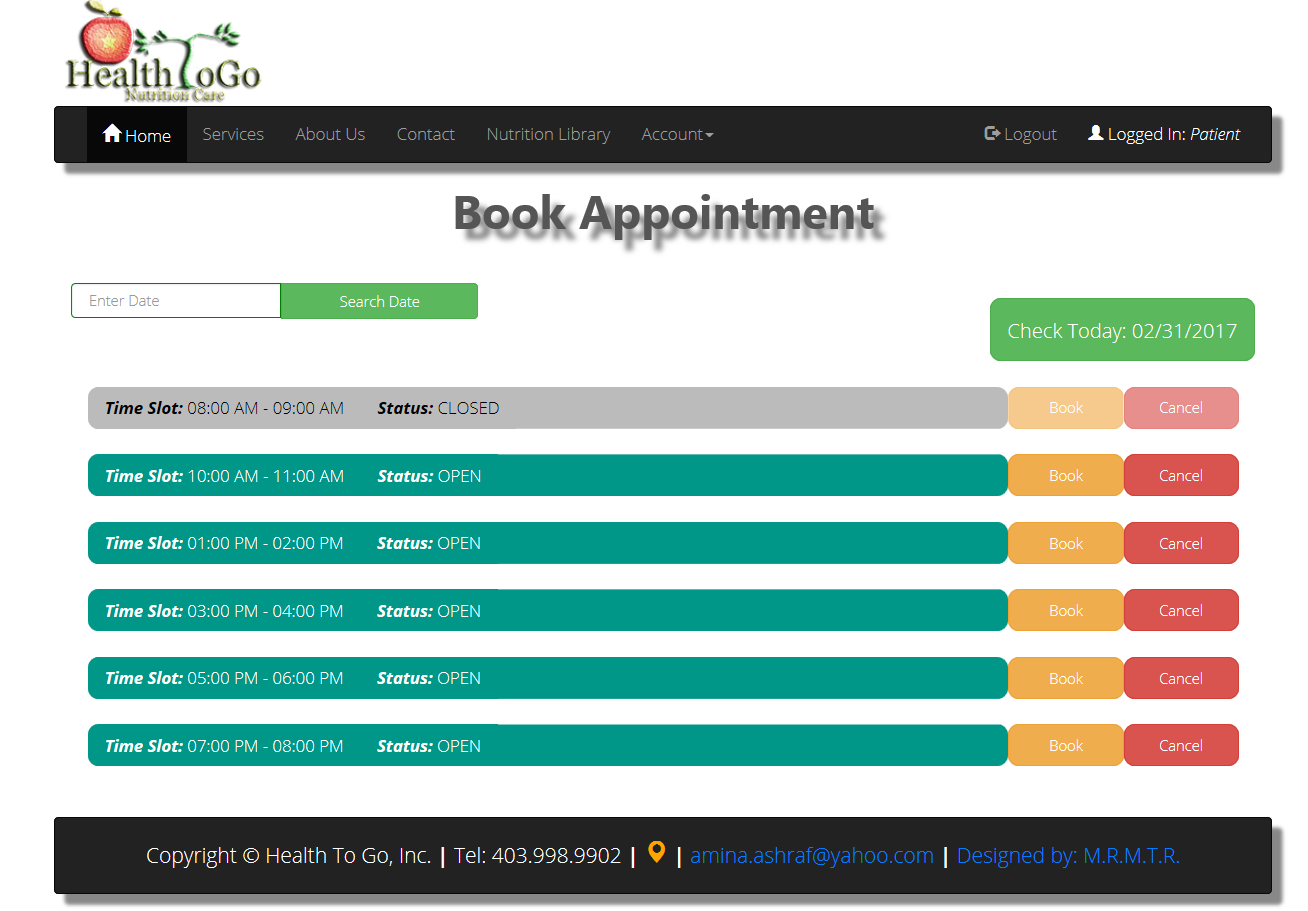


Figure 9 – Book appointment

**Step 5 – Booking details:**

* When the client clicks on the yellow ‘book’ button of the desired available booking time slots, a popup will appear on the screen asking the client to enter the appointment information. All the fields displayed must be filled for an appointment to be made.
* The first field is for the patient ID number.
* The third and fourth fields are the start time and end time of the appointment. Appointments can be extended by either 30 minutes or 1 hours under the extension section. If you do not need to extend your appointment, you may leave this set to ‘None’.
* Type of consultation is to be selected if you want consult the nutritionist regarding a particular package offered. If not, it can be left to ‘regular’.
* A message box is provided, if you have anything you wanted to discuss about or have any particular adjustments to make during the appointment. These requests can be written here and office assistant will notify the nutritionist before the appointment.
* Once all required fields are filled, the red ‘Submit Booking’ button at the button of the popup box will be enabled allowing you to submit your appointment request.

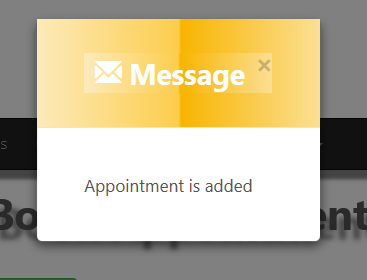


Figure 10 – Book appointment successful

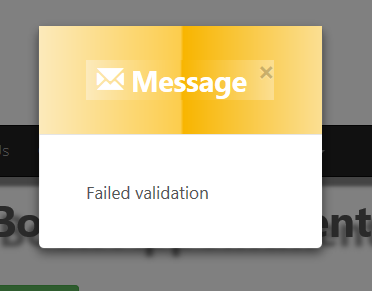


Figure 11 – Book appointment failed

**Step 6 – Cancel booking:**

* Appointments can be cancelled by clicking the red ‘Cancel’ button. When the ‘Cancel’ button is clicked, you will be prompted with a popup box that will require you to enter your username. See *Figure 9.*
* When cancel is successful, a popup message appears on the screen. See *Figure 10.*
* Upon clicking the green ‘Search Date’ button, the time slot goes back to green and status is back to ‘OPEN’. The ‘Book’ button becomes enabled and the ‘Cancel’ button gets disabled automatically.
* If the username of the time slot booking does not match the one you have provided, cancellation will not be accepted. An error message will be displayed on the screen and the status will remain ‘CLOSED’. The ‘Book’ button stays disabled and the ‘Cancel’ stays enabled. Only appointment booked by you can be cancelled by entering your username. See *Figure 11.*

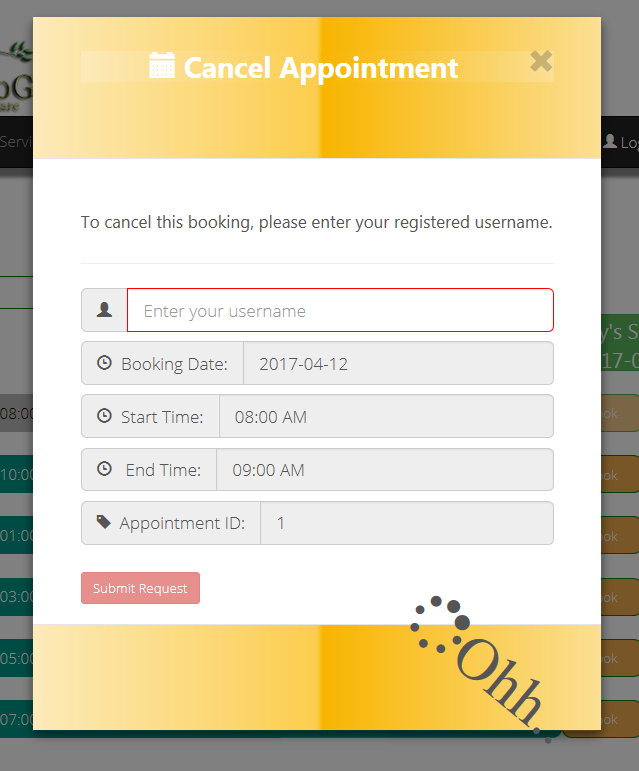


Figure 12 – Cancel appointment

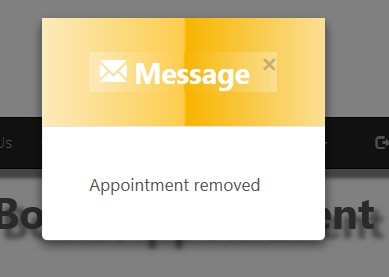


Figure 13 – Cancel appointment - Successful

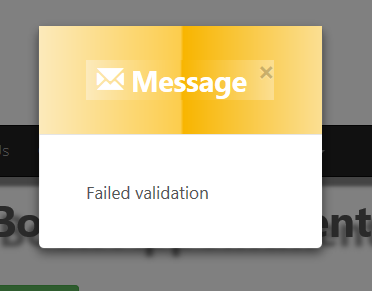


Figure 14 – Cancel appointment - Failed

**Step 7 – Search appointment dates:**

* To search specific date availability, click on the empty field ‘Search Date’, an auto generated calendar will drop down for client to select date desired.
* After selecting a date, click the green ‘Search Date’ button.
* If dates are available, the table will display the date.
* If dates is unavailable, a message will appear on the screen alerting the user date’s unavailability.

# INDEX

Appointment page 11

**Book Appointment (patient) 10**

Booking Details 12

Cancel booking 13

**Client/End-Users 4**

**Document Standards 3**

Login patient account 10

New patient info 9

Open browser 6

Patient page 10

**Purpose of the document 3**

Search appointment dates 15

**Sign up** **6**

Sign up button 6

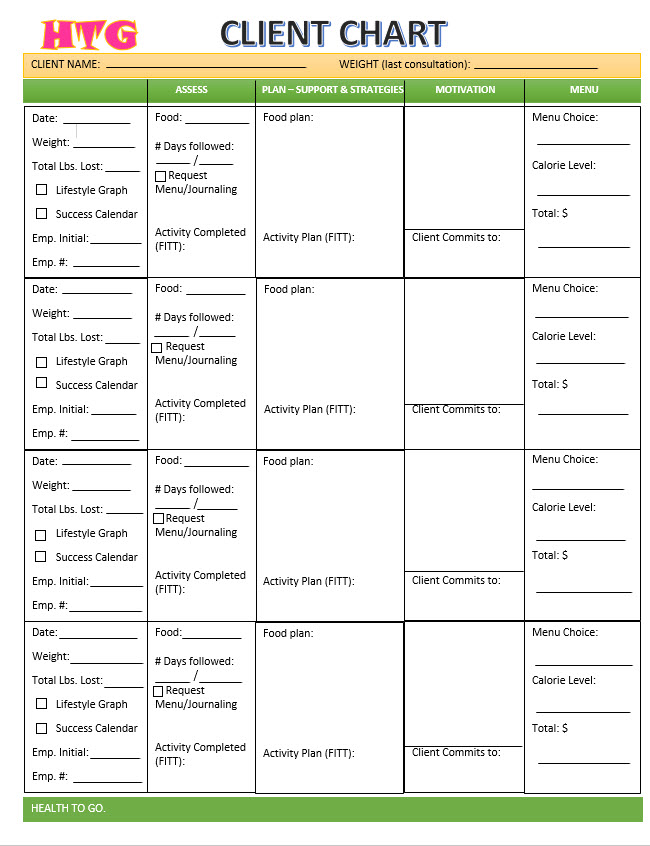
Sign up fields 7

Submit 8

**System purpose** 4

## Appendix A: ENROLLMENT CHART

APPENDIX B: CLIENT CHART



## APPENDIX C: WEIGHT MAP

