

Introduction:

The Simpsons system was created to allow the user to carry out a wide range of tasks to allow the business to complete tasks quicker and more efficiently. The system allows users to insert information into the database regarding different subjects such as customers, staff members, bookings, and many more. Not only can the user insert information into the database, but they can also alter the information and delete records. This is to allow the business to store the information/ make changes within the database which enforces easy access and a secure location, in contrast to previous storing methods (storing information in a filing cabinet).

By using a system to fulfil these tasks, the user can be confident that the correct information will be inserted/ altered correctly and securely by telling the user areas in which invalid data has been entered to ensure the data entered is valid and reliable. As a result of this, it will enforce data integrity as well as increase efficiency as they can insert information immediately which can be accessed as soon as the data is inputted, making the system more efficient for Simpsons to store and make changes to data.

The user will also be able to carry out other tasks such as logging into the system with a desired username and password which will ensure the system is protected, and no unauthorized user can access the system. The user will also be able to access the help form in need of any assistance, and as a result, a PDF will open giving the user directions to solve their issues. The user will also have the choice to select the table of their choice and the action they want to take by using the Menu strip found in the main menu (this can also be achieved in the table select form).

Recommended hardware & Software:

To run the system, we recommend you meet the minimal requirements to have optimal performance, and to ensure the system does not crash whilst it is in use.

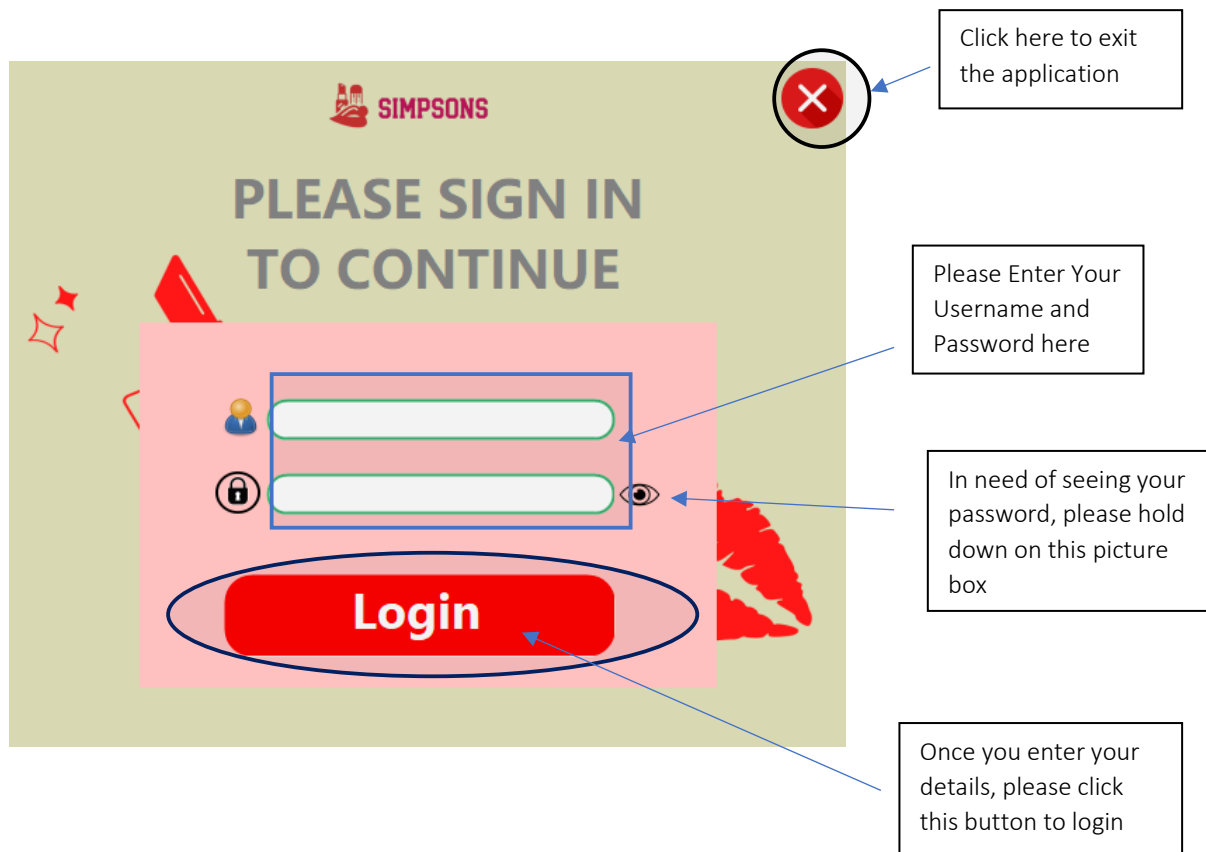
Minimum Hardware Requirements	
Computer/Processor	Intel® Core 2 Duo (1.6 GHz) or equivalent AMD Athlon 64 X2
Memory (RAM)	3 GB, more memory improves performance
Hard disk	20 GB of free hard disk space
Optical Drive	Internal/external DVD x8 drive
Display	XGA (1024 x 768 pixels) or higher resolution monitor with 16 bit color settings
Input device	Keyboard and mouse or compatible pointing device
Internet connection	Network using 10 Mbps or higher speed network adapter and/or WLAN and/or 33.6 Kbps or higher speed modem (not supported for Win 7/8 clients).
Miscellaneous	USB interface required. A battery-pack that may provide 500 mA via USB.

**To see if you meet the
requirements go to:
Settings -> System ->
About**

Instructions:

Login Form

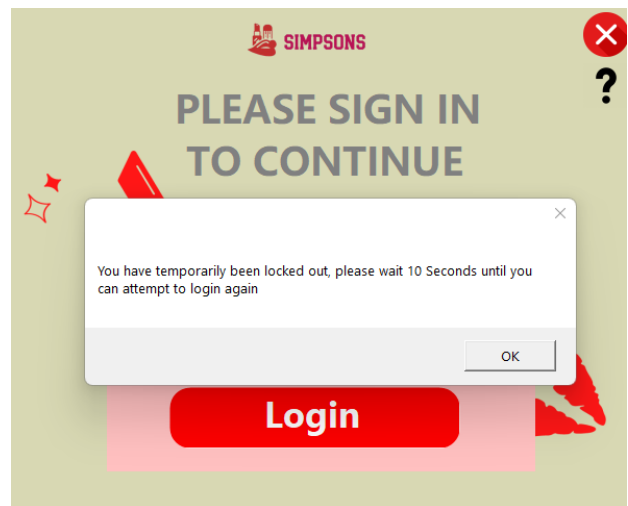
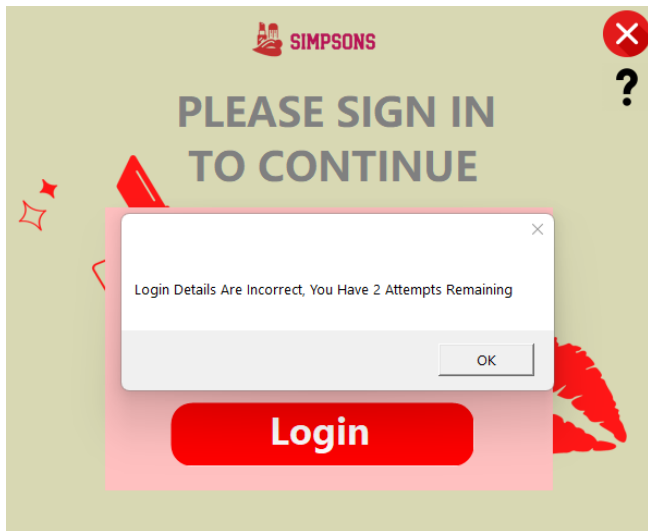
When you run the system, this will be the first form you are greeted with. You will be able to see a wide range of components such as buttons, pictures, and textboxes to aid you in knowing what data to enter and where. To log into the system, please enter the appropriate Username and Password into the textboxes, a picture of a user will be on the left of the username field, and a padlock will be found on the left of the password field, once completed please click the Login button found below. If you are wanting to see the password you have entered, please hold down on the picture of the eye, found on the right of the textbox, to allow you to see the password you have entered. If the user enters the incorrect data multiple times, they will be locked out and will have to wait before attempting again to ensure no intruders are permitted into the system.



On every form, the user will be provided with a picture box of an “X” which is situated at one of the top corners. The user is then presented with a message box to confirm their choice, and if they request to continue and close the application, the system will stop running. By providing the user with a message box, it gives them the option to decide if they want to exit or not.

To prevent the user from repeatedly attempting to log into an account, I have implemented an account locking feature, when the user gets their details incorrect numerous times (3), they will be presented with an error messaging telling them they have been temporarily locked, once the timer is

up, they will be given 3 more attempts. This was created to prevent users from gaining unauthorized access.



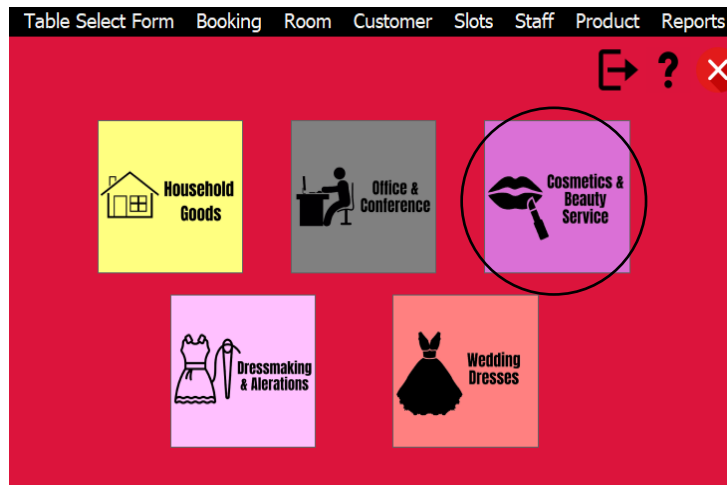
Splash Form:

This is the splash form. The user will be redirected here if they can log in successfully, or if they have selected the strand of their choice. The purpose of this form is to redirect the user to the selected form of their choice. They will be able to track how long is remaining until they are redirected by looking at the progress bar. The Simpsons logo will also be shown in the middle of the form to keep it professional but engaging.

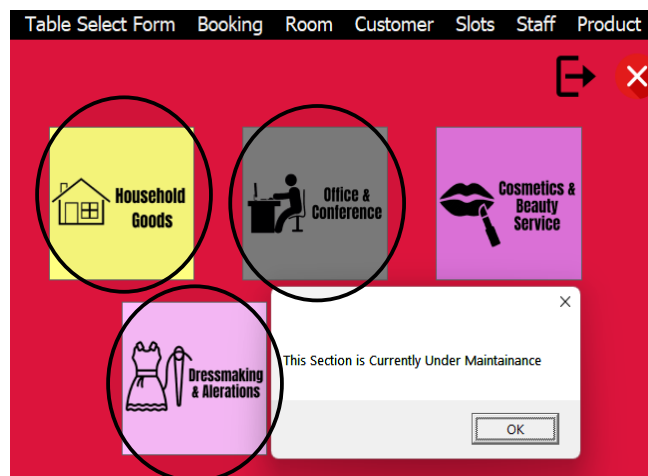


Main Menu:

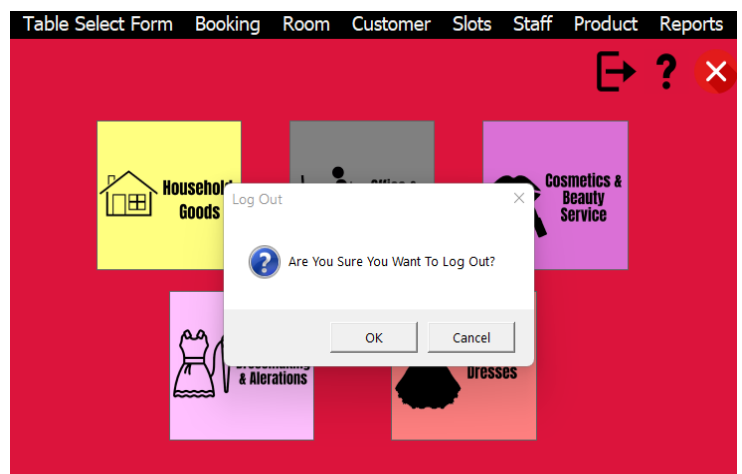
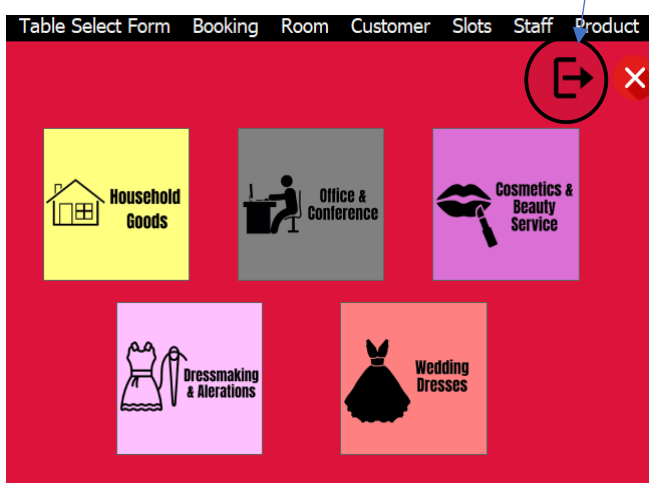
This form is where the user can select what strand they want to use by clicking on a picture box. The user will gain access to the Table select form once they have clicked on the “Cosmetics & Beauty Service” which is allocated towards the top right corner of the form, the Splash form will briefly display before taking the user to the Table select form.



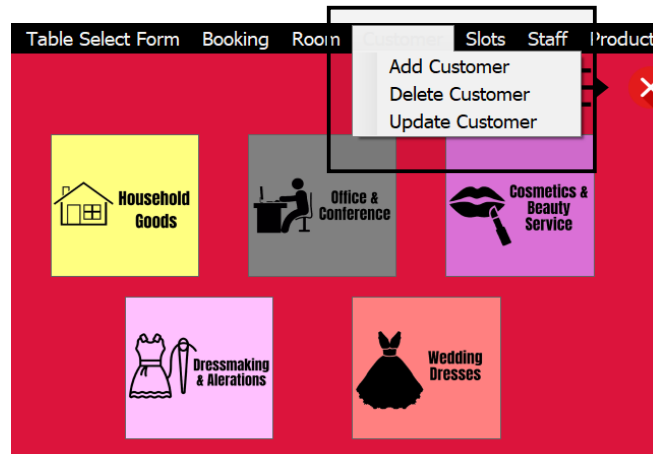
If the user selects any other strand, they will be presented with a message box as the other strands are currently not available for use yet.



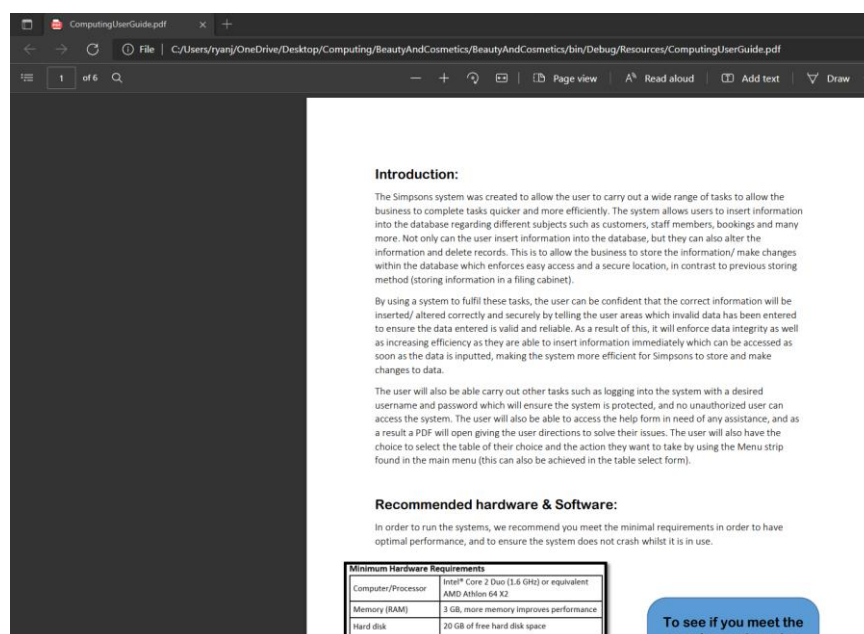
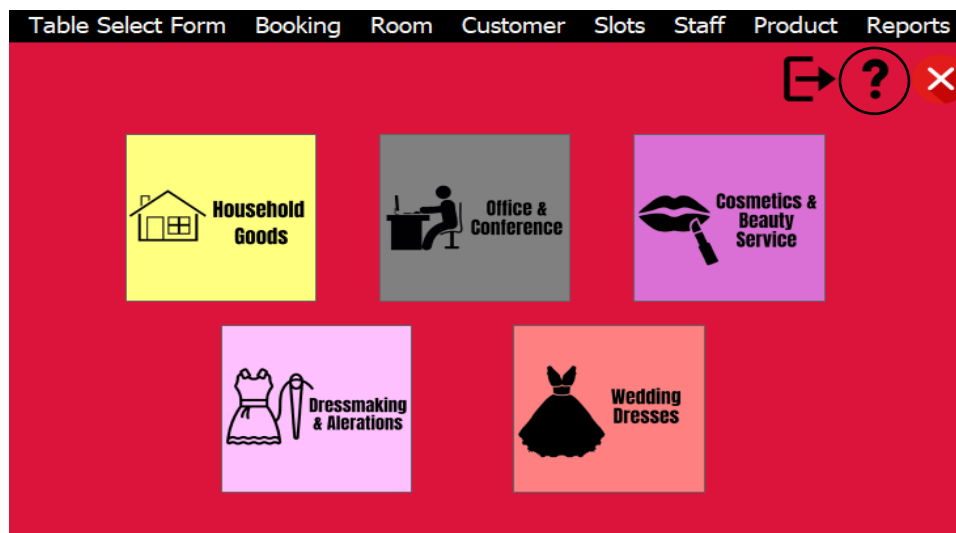
Similar to the Login form, the user can still click on the picture of the letter “X” to allow them to decide to close the system or not, although as the Login form was the first form, they now have the option to return to the Login form by clicking on the image of a door, and similar to the “X” picture box, they will be presented with a message box before deciding if they want to log out or not.



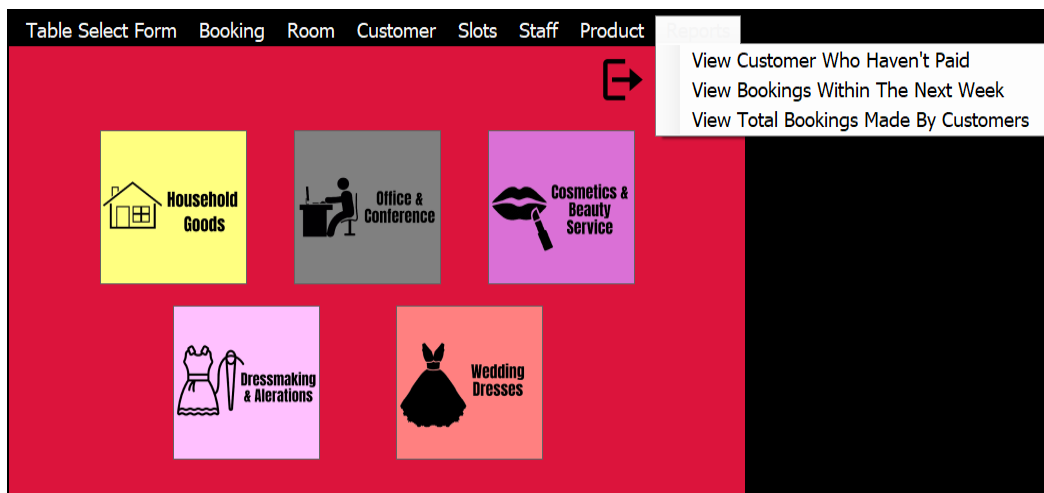
At the top of the Main Menu there is a menu strip to increase efficiency if the user has used the system previously, or already knows what table and action they want to carry out. By clicking on the table at the top of the form, they will be given a list of actions which they can carry out (“Add”, “Update”, “Delete”), and once the action of their choice is selected, they will be redirected to the Simpsons Information form where they will be able to perform the task of their choice immediately.



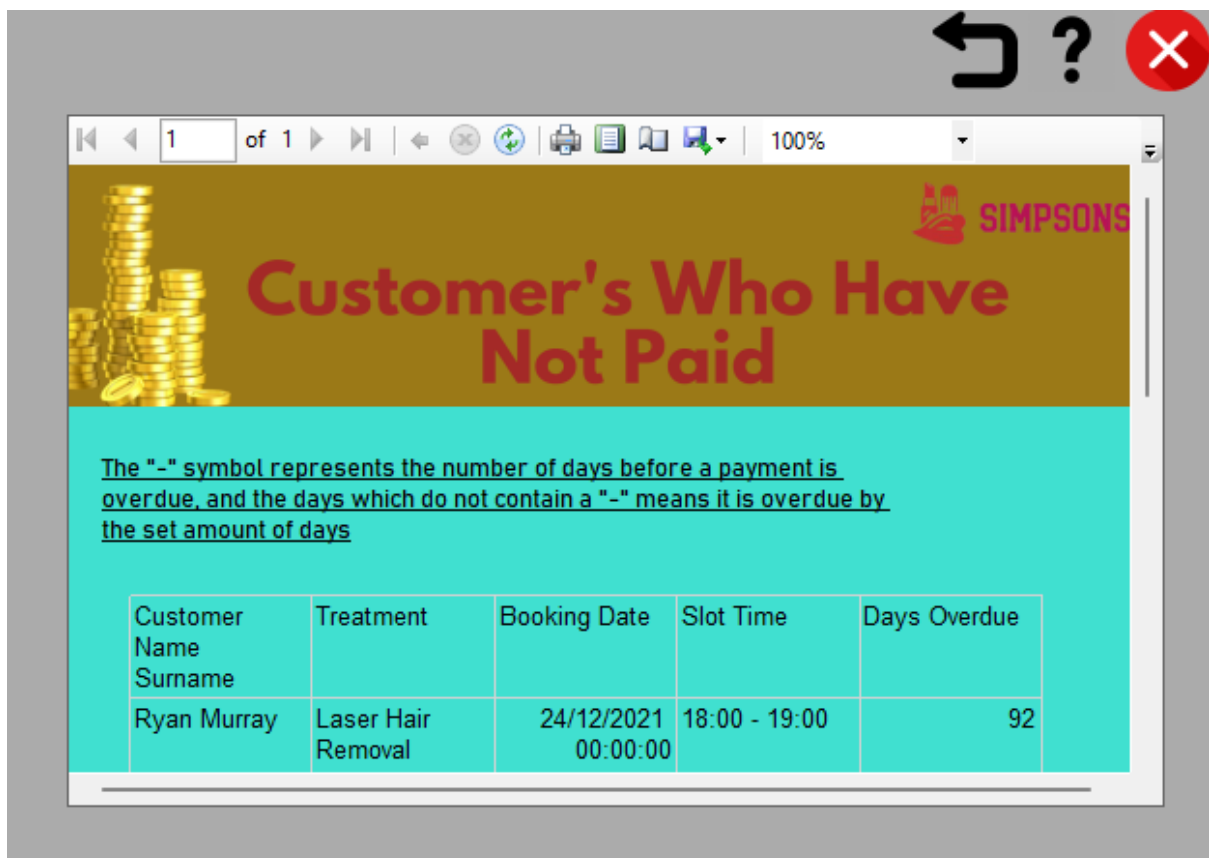
If the user needs any assistance, they can click the “?” picture box which will load the user guide which contains information on how to use each form. This is also accessible by clicking the “H” key on the keyboard on any form.



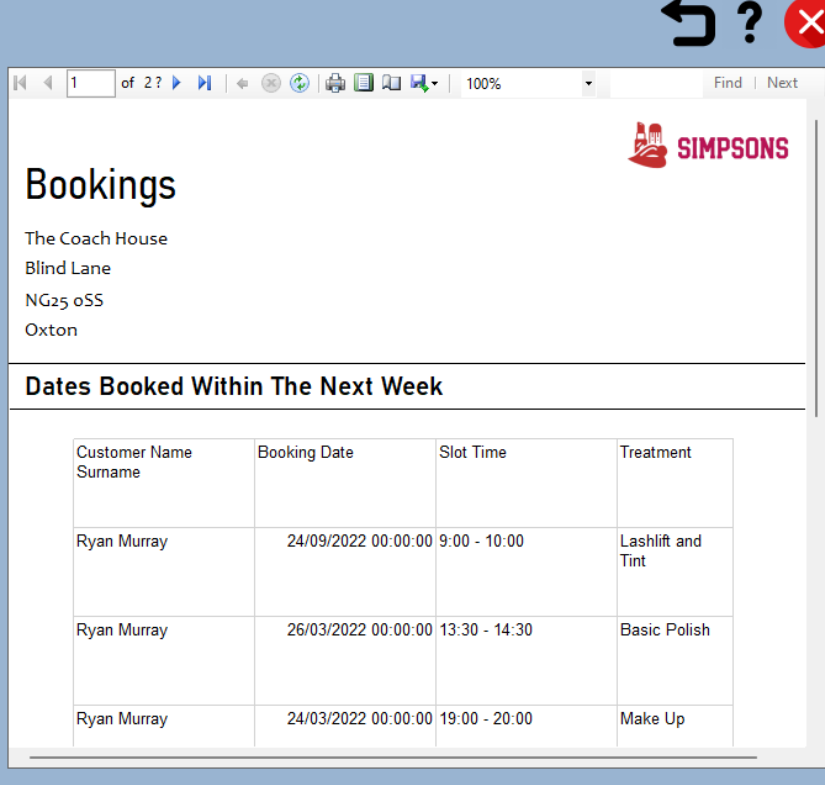
Another feature that can be accessed within the Main Menu form is the ability to view reports. When clicking on the Reports header found at the top of the page, a list of available reports will appear and whenever you click on the report of your choice, the current form will close, and the report form will open for the user to view information regarding Bookings.



When clicking on the bar that displays “View Customer’s Who Haven’t Paid”, the form which displays the report will open (frmReportNotPaid), allowing the user to view information regarding outgoing payments. Similar to the rest of the forms, each report form will allow the user to exit the application, access the user guide or to



Another report which the user can view is the report which contains information about customers who have made a booking within the next week. Users can gain access to this form via the context bar, which displays the text “View Bookings Within The Next Week”.



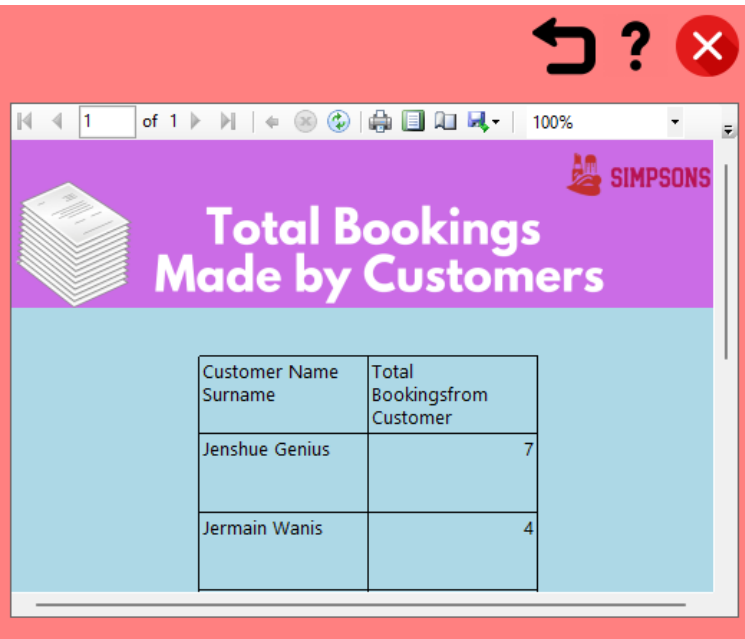
Bookings

The Coach House
Blind Lane
NG25 0SS
Oxtou

Dates Booked Within The Next Week

Customer Name Surname	Booking Date	Slot Time	Treatment
Ryan Murray	24/09/2022 00:00:00	9:00 - 10:00	Lashlift and Tint
Ryan Murray	26/03/2022 00:00:00	13:30 - 14:30	Basic Polish
Ryan Murray	24/03/2022 00:00:00	19:00 - 20:00	Make Up

The report the user can gain access to is the form frmTotalCustomerBooking. On this form, the report will display information about the total number of bookings each customer has paid. On this form, the user can also see the total number of bookings overall. To gain access to this form, you must click on the bar displaying “View Total Bookings Made By Customers”.

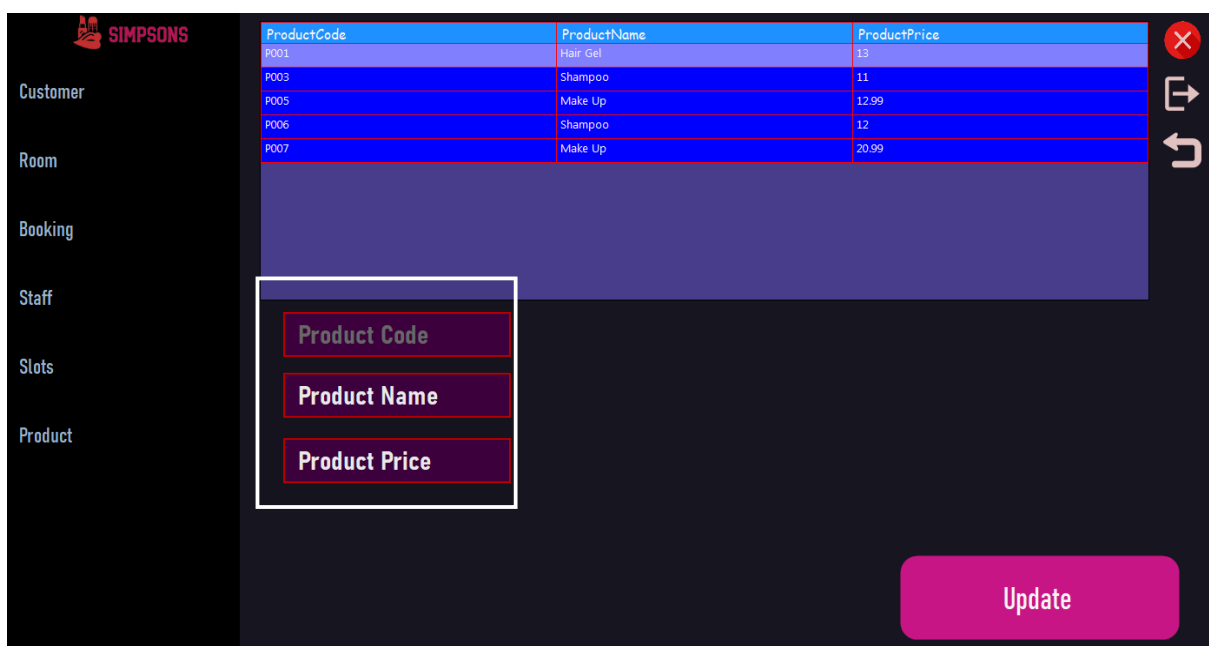
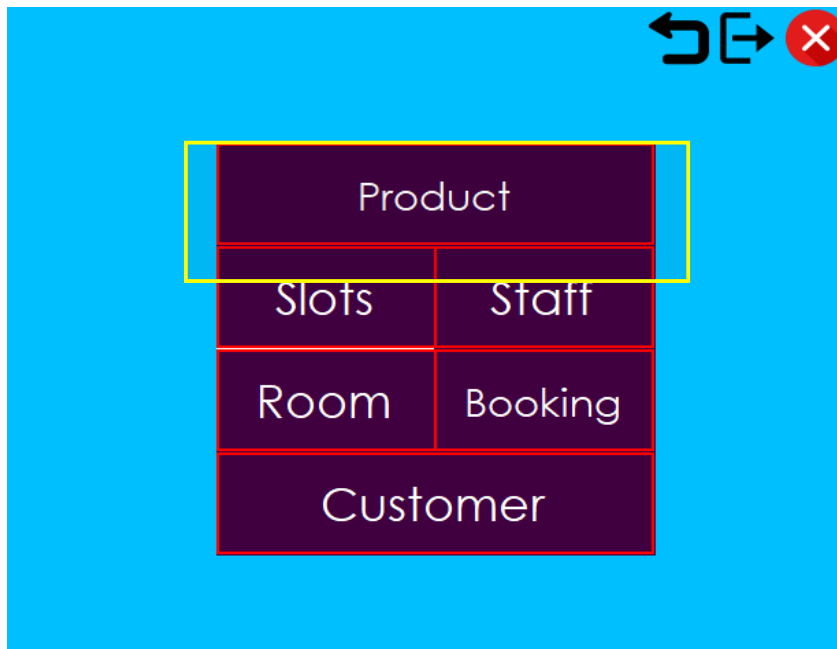


Total Bookings Made by Customers

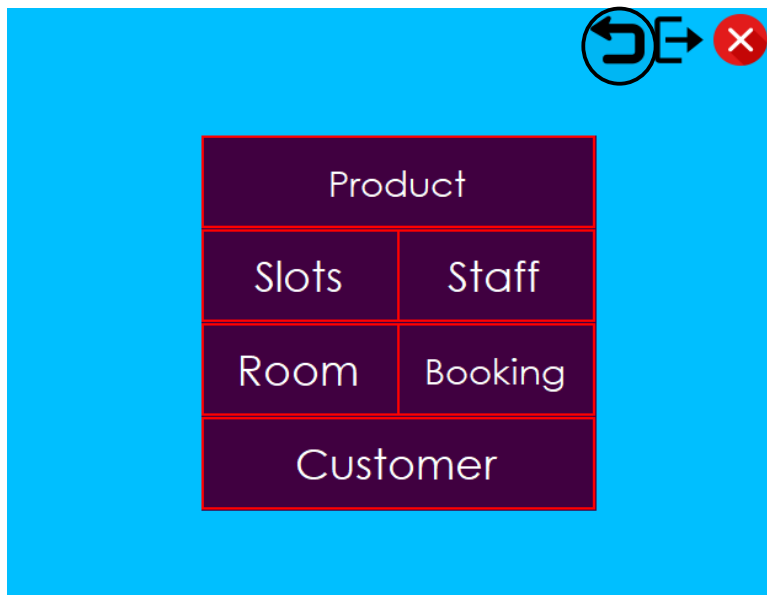
Customer Name Surname	Total Bookingsfrom Customer
Jenshue Genius	7
Jermain Wanis	4

Table Select Form:

This is where the user selects what table they want to use whenever the Simpsons Information forms load, or if the user wants to add a booking, the booking form will open. Once the user is redirected to a form, they will have the option to pick between multiple tables which can be accessed. Once the user clicks the table of their choice, the Simpsons Information form will load, and display the Table of the user's choice within the Simpsons Information form.

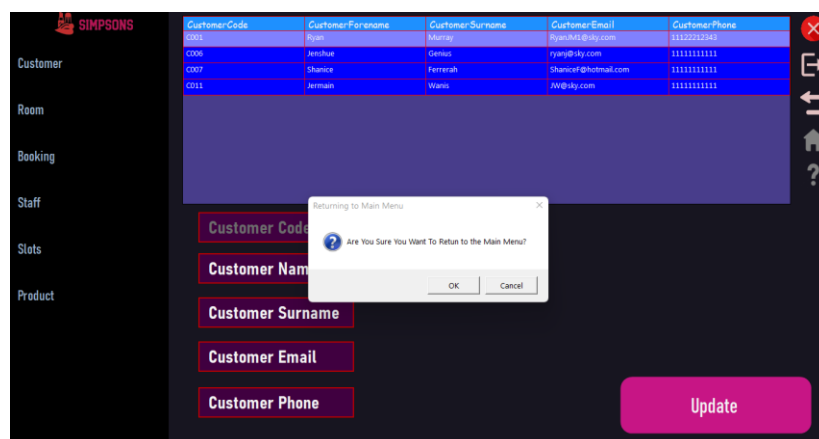
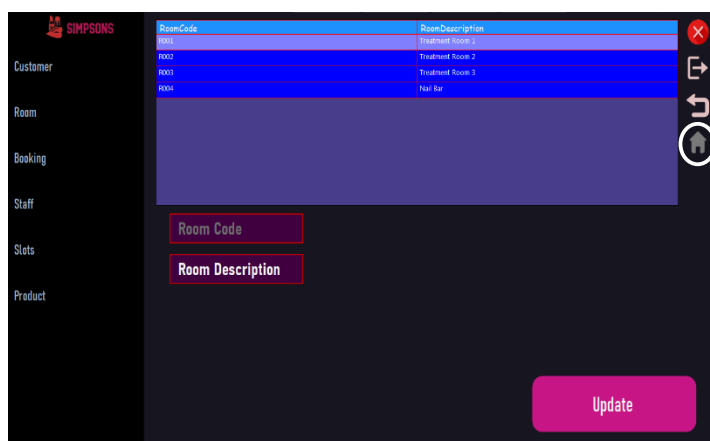


On the Table select form, the user will be able to access the previous functions such as Logging out and exiting the application by clicking on the same pictures seen in the previous forms, but they also have the option to return to the previous form which is the Main Menu. The user will be able to do this by clicking on the picture of an arrow pointing backwards and once the user does this, they will be presented with a message box asking if they are sure they want to return to the previous form. This was implemented to increase efficiency and to allow the user to switch between forms quickly.



Simpsons Information Form:

The Information form is where the user can access the data for each table within the database. Once the user opens the form, they will have the ability to add, update and delete rows of information within the tables found inside the database, using the selected fields. The information form uses the same components that are found in the other forms such as Logging out, exiting the application, accessing the user guide, and returning to the previous form (uses the same pictures) although I added an additional picture box which allows the user to return to the main menu. This can be carried out when the user clicks on the picture box of a house. Once the user clicks on the picture, a message box will appear enforcing their choice of whether to return to the Main Menu or to remain on the information form.



Once the user has selected the table of their choice from either the menu bar found within the main menu form, or from the table select form, the table of their choice will be displayed when the form loads, and when the user is using the menu strip they can select what action they want to carry out regarding the form of their choice, and when the form opens, the appropriate controls, buttons, and features are put in place to ensure the action of the users choice is enforced.

The left screenshot shows the 'Room' table selected in the menu bar. The table displayed has the following data:

RoomCode	RoomDescription
R001	Treatment Room 1
R002	Treatment Room 2
R003	Treatment Room 3
R004	Nail Bar

The right screenshot shows the 'Customer' table selected in the menu bar. The table displayed has the following data:

CustomerCode	CustomerForename	CustomerSurname	CustomerEmail	CustomerPhone
C001	John	Smith	john.smith@sy.com	01111111111
C006	Jessie	Genie	jessie@sy.com	01111111111
C007	Shane	Ferris	shane.ferris@hotmail.com	01111111111
C011	James	Wain	pw@sy.com	01111111111

Depending on the table the user decides to view, different textboxes and controls load to assist the user in inputting, deleting, or editing information within the database

Found on the far left of the form, the user can select the table they want to use. Once the button is clicked, a drop-down will appear showing the user the different options for the selected table (Add, Update and Delete, these are the same options for every table). This feature can be carried out for any selected table, and if the user clicks on a different table, the previous table's dropdown will close, and the new selected table's dropdown will open. This is to increase efficiency and to make the system look and feel professional.

This is where the user selects their table

The table displayed has the following data:

RoomCode	RoomDescription
R001	Treatment Room 1
R002	Treatment Room 2
R003	Treatment Room 3
R004	Nail Bar

The dropdown menu options are: Add, Delete, Update.

If the user decided to add a field into any table, the number of textboxes loaded in will vary depending on how many fields of information need to be added into the database. The text found on the button will also change to Add, to allow the user to see what option they have selected. To aid the user in knowing what each textbox is used for, I changed the text for each textbox to relate to the field of information the user will be inputting into the table. In addition, the information from the selected table will load in, and then drop-down will close, making the system feel even more professional.

This shows the drop down has been closed, once the user has decided what to do with the data

CustomerCode	CustomerForename	CustomerSurname	CustomerEmail	CustomerPhone
C001	Ryan	Murray	RyanJM1@sky.com	11122212343
C006	Jenshue	Genius	ryanj@sky.com	11111111111
C007	Shanice	Ferrera	ShaniceF@hotmail.com	11111111111

Customer Name
Customer Surname
Customer Email
Customer Phone

Add

This is where the user enters information for each field (Text is displayed to assist the user in knowing what each field is for)

This is where the user can submit the data

Once the user selects to add a row of information into the table, they must use the controls to insert the information. Each table will use the same controls (Textboxes) except the booking form, to ensure the interface is simple yet effective

CustomerCode	CustomerForename	CustomerSurname	CustomerEmail	CustomerPhone
C001	Ryan	Murray	RyanJM1@sky.com	11122212343
C006	Jenshue	Genius	ryanj@sky.com	11111111111
C007	Shanice	Ferrera	ShaniceF@hotmail.com	11111111111

Ryan
Murray
RyanJM1@sky.com
09928271611

Add

Once the information is entered into the required field, the user must click on the “Add” button to check that the data entered has met the criteria, if the data has not, a message box will show, telling the user what field(s) to correct. This is to ensure that invalid data cannot be entered into the database. If the user does not enter any information into the textboxes, they will also receive an error message, as null data is unable to be inputted into the database.

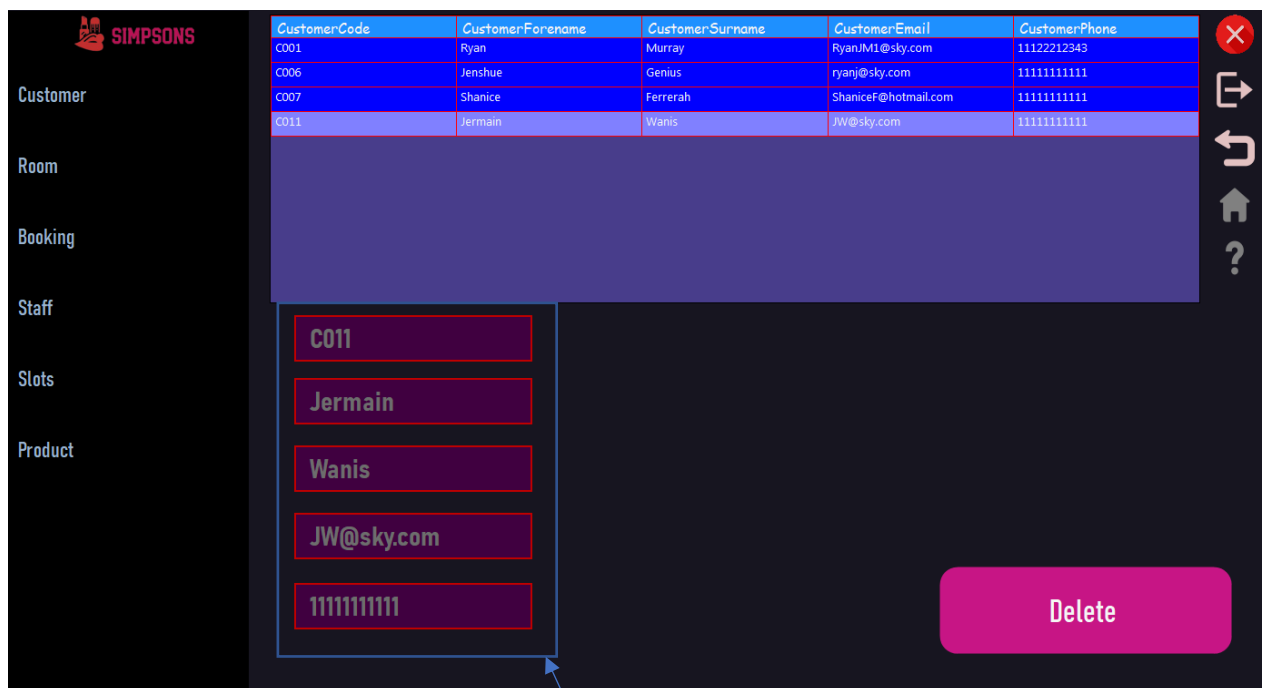
The screenshot shows the SIMPSONS application interface. On the left is a sidebar with navigation links: Customer, Room, Booking, Staff, Slots, and Product. The main area displays a table with columns: RoomCode, RoomDescription, and a large empty space for data entry. A modal dialog box is open in the center with the text "Please Enter a Valid Room Description" and an "OK" button. At the bottom right, there is a large pink "Add" button.

When the user is updating a row of information, the controls (text boxes, etc) are locked as the user is required to select a row of information to update before attempting to update. If the user decides to attempt to update before selecting a row of information they will be presented with an error message, reminding them to select a row of information.

The screenshot shows the SIMPSONS application interface. The main area displays a table with columns: BookingCod, RoomDescr, BookingDat, CustomerCo, CustomerFt, CustomerS, StaffSurnc, SlotsCode, SlotTime, Treatment, and Paid. A modal dialog box is open in the center with the text "Please Select a Booking From the Table" and an "OK" button. Below the table, there is a "Booking Code" section with a calendar widget showing March 2022, a "Time Slots" dropdown, a "Rooms" dropdown, a "Treatments" dropdown, a "Staff Member" dropdown, and a "Paid: Yes No" checkbox. At the bottom right, there is a large pink "Update" button.

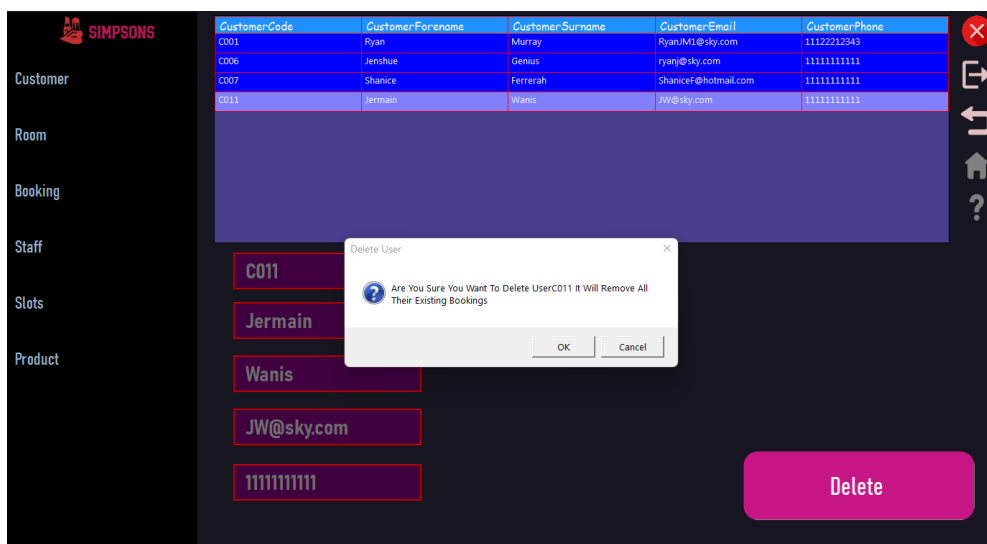
The same validation rules are enforced within the Update section of the form, as they are unable to leave a field null, and if the user attempts to insert invalid data into the textbox, they will be presented with an error message.

When the user is deleting a row of information, they are required to select a row (similar to the update section) before attempting to delete it, although the user is unable to edit the information within each control as it is locked to prevent the users from changing the data.



The textboxes are disabled to prevent the user from altering the data

Once the user decides the row of information they want to delete, they must click the "Delete" button to remove it within the database, although the user is presented with a message box confirming their choice.



If the user decides to delete the row of information, the information will be deleted from the database and the data grid view will update, showing the user the information they have requested to be deleted has been successfully deleted

When a user is wanting to update a booking field that has not yet paid for their booking yet, they will find a label displayed beside the paying picture boxes like this:



The interface shows a sidebar with navigation links: Customer, Room, Booking, Staff, Slots, and Product. The main area displays a table of bookings. The booking BC0042 is highlighted, and a form is shown below it for updating the booking details.

CustomerCt	CustomerFc	CustomerSx	BookingCod	BookingDat	StaffSurne	SlotsCode	SlotTime	RoomDeser	Treatment	Paid
C001	Ryan	Murray	BC0033	24/12/2021	Hertines	S0017	18:00 - 19:00	Treatment R...	Laser Hair R...	No
C001	Ryan	Murray	BC0036	25/12/2021	Manderson	S001	9:00 - 10:00	Nail Bar	Dip Powder	Yes
C001	Ryan	Murray	BC0037	19/01/2022	Murray	S0012	15:30 - 16:30	Treatment R...	Make Up	Yes
C001	Ryan	Murray	BC0042	24/09/2022	Manderson	S001	9:00 - 10:00	Treatment R...	Lashlift and ...	No
C001	Ryan	Murray	BC0044	05/03/2022	Murray	S001	9:00 - 10:00	Treatment R...	Laser Hair R...	Yes
C001	Ryan	Murray	BC0046	26/03/2022	Eto	S008	13:30 - 14:30	Nail Bar	Basic Polish	Yes
C011	Jermain	Wanis	BC0060	25/03/2022	Murray	S0018	18:30 - 19:30	Treatment R...	Make Up	Yes
C006	Jenshue	Genius	BC0061	26/03/2022	Murray	S0010	14:30 - 15:30	Treatment R...	Laser Hair R...	Yes
C011	Jermain	Wanis	BC0063	19/03/2022	Hertines	S004	10:30 - 11:30	Treatment R...	Tan	Yes
C007	Shanice	Ferrera	BC0064	18/03/2022	Murray	S007	13:00 - 14:00	Treatment R...	Laser Hair R...	Yes
C006	Jenshue	Genius	BC0065	18/03/2022	Hertines	S005	11:00 - 12:00	Treatment R...	Tan	No

BC0042

Calendar: September 2022

Today: 26/03/2022

Slot Time: 9:00AM - 10:00AM

Treatment Room: 3

Lashlift and Tint

Staff: 3 Manderson

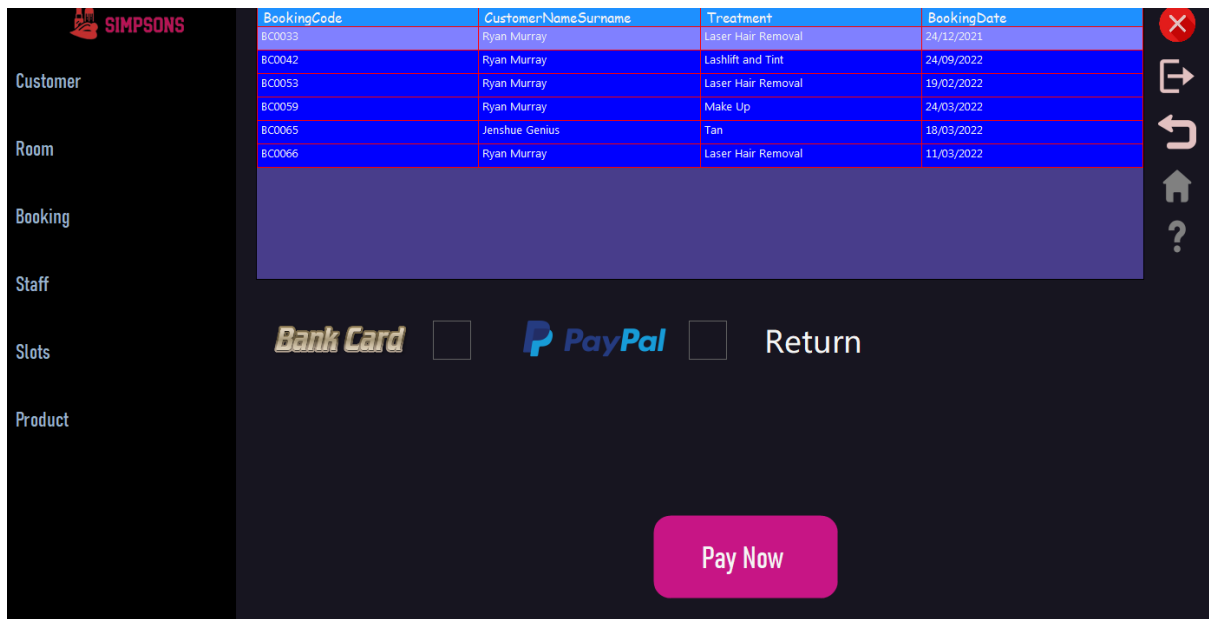
Cost: £10

Paid: Yes ☐ No ☒ **Pay Here**

Update

If the user wants to pay for their booking now, they must click the “Pay Here” label which will redirect them to a panel where they must fill out banking information to pay for the booking.

After clicking the “Pay Here” label, the user will be redirected to this panel:



The interface shows a sidebar with navigation links: Customer, Room, Booking, Staff, Slots, and Product. The main area displays a table of bookings. The booking BC0042 is highlighted, and a form is shown below it for paying for the booking.

BookingCode	CustomerNameSurname	Treatment	BookingDate
BC0033	Ryan Murray	Laser Hair Removal	24/12/2021
BC0042	Ryan Murray	Lashlift and Tint	24/09/2022
BC0053	Ryan Murray	Laser Hair Removal	19/02/2022
BC0059	Ryan Murray	Make Up	24/03/2022
BC0065	Jenshue Genius	Tan	18/03/2022
BC0066	Ryan Murray	Laser Hair Removal	11/03/2022

Bank Card ☐ **PayPal** ☐ **Return**

Pay Now

Once the user is redirected to this stage, they must first their payment method. They will have the option to pay by Bank card or Paypal. The key difference between the two methods is the information the user needs to fill out.

If the user wishes to pay for their booking via Bank Card, the following fields will show:

The screenshot shows the SIMPSONS payment interface. On the left is a dark sidebar with navigation links: Customer, Room, Booking, Staff, Slots, and Product. The main area features a table with booking details, a payment method selector, and input fields for card information.

BookingCode	CustomerNameSurname	Treatment	BookingDate
BC0033	Ryan Murray	Laser Hair Removal	24/12/2021
BC0042	Ryan Murray	Lashlift and Tint	24/09/2022
BC0053	Ryan Murray	Laser Hair Removal	19/02/2022
BC0059	Ryan Murray	Make Up	24/03/2022
BC0065	Jenshue Genius	Tan	18/03/2022
BC0066	Ryan Murray	Laser Hair Removal	11/03/2022

Payment Method: **Bank Card** ☒ **PayPal** ☐ **Return**

Input Fields: Booking Code, Card Number, Expiry Date, Security Number

Pay Now

On the other hand, if the user wishes to pay via PayPal, the following fields will be shown:

The screenshot shows the SIMPSONS payment interface for PayPal. The layout is similar to the Bank Card version, but the payment method selector and input fields are different.

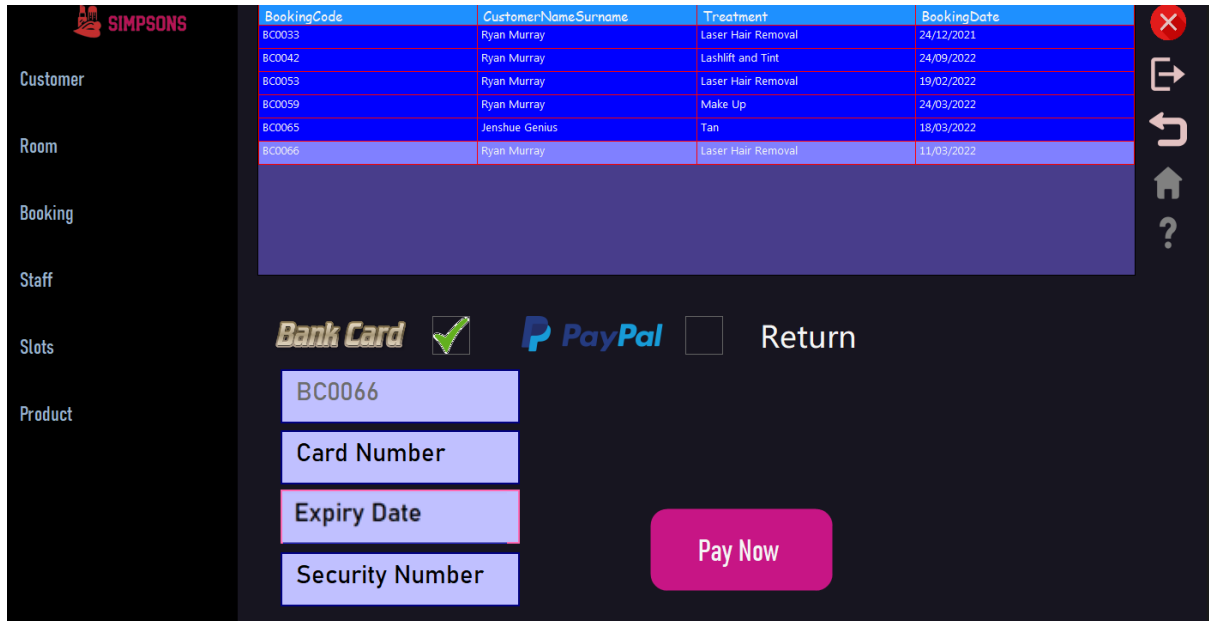
BookingCode	CustomerNameSurname	Treatment	BookingDate
BC0033	Ryan Murray	Laser Hair Removal	24/12/2021
BC0042	Ryan Murray	Lashlift and Tint	24/09/2022
BC0053	Ryan Murray	Laser Hair Removal	19/02/2022
BC0059	Ryan Murray	Make Up	24/03/2022
BC0065	Jenshue Genius	Tan	18/03/2022
BC0066	Ryan Murray	Laser Hair Removal	11/03/2022

Payment Method: **Bank Card** ☐ **PayPal** ☒ **Return**

Input Fields: Booking Code, Email Address, Password

Pay Now

After selecting a payment method, the user is then required to select the row of information they want to update. In doing so, the Booking reference of that customer will then be displayed in a textbox, so the user is aware of the customer they have selected.

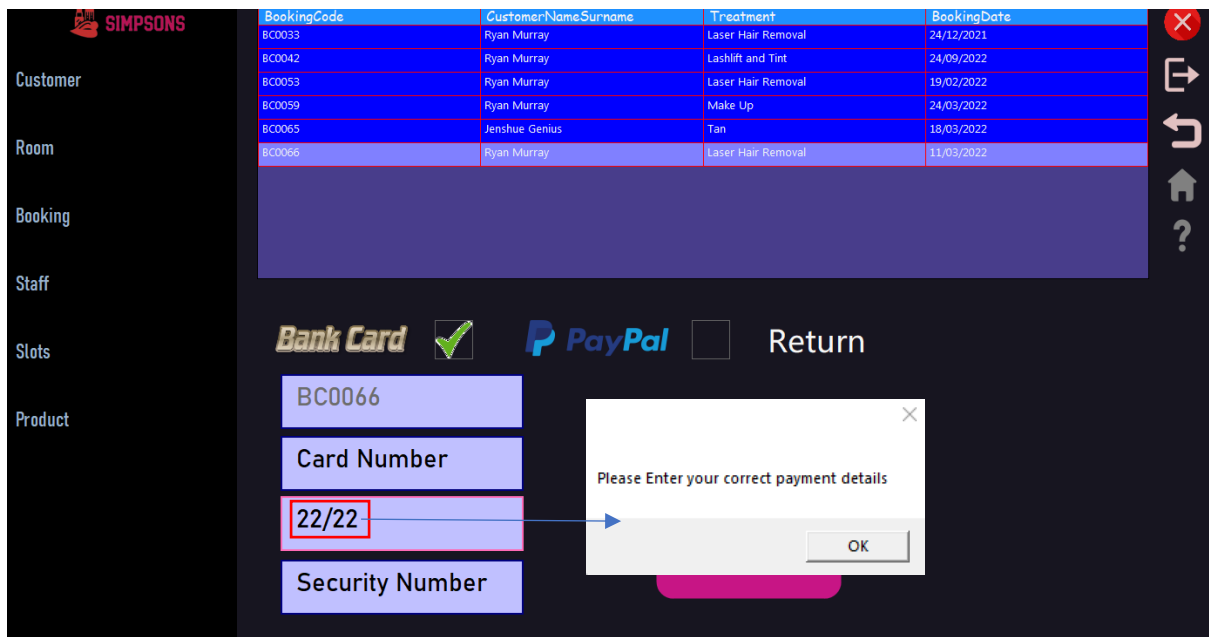


The interface shows a sidebar with navigation options: Customer, Room, Booking, Staff, Slots, and Product. The main area displays a table of booking information:

BookingCode	CustomerNameSurname	Treatment	BookingDate
BC0033	Ryan Murray	Laser Hair Removal	24/12/2021
BC0042	Ryan Murray	Lashlift and Tint	24/09/2022
BC0053	Ryan Murray	Laser Hair Removal	19/02/2022
BC0059	Ryan Murray	Make Up	24/03/2022
BC0065	Jenshue Genius	Tan	18/03/2022
BC0066	Ryan Murray	Laser Hair Removal	11/03/2022

Below the table, the 'Bank Card' option is selected (indicated by a green checkmark). The 'Pay Now' button is visible. The 'Expiry Date' field is highlighted with a red border.

After selecting the payment method, and the row of information the user wishes to update, they must then fill out each field. Each field is validated to ensure the user enters the correct information into the fields. When the user is filling out their bank information (if they select Bank Details), when they fill out the “Expiry Date” field, they are required to enter their information without the “/”.



The interface shows the same booking table as before. The 'Bank Card' option is selected. The 'Expiry Date' field contains the text '22/22', which is highlighted with a red border. An error message box is displayed, stating: 'Please Enter your correct payment details'. The 'OK' button is visible on the error message box.

If the user enters the Expiry Date field like the following example above, they will receive an error message. To avoid running into this query, you must fill out the Expiry Date field like this:

Customer
Room
Booking
Staff
Slots
Product

BookingCode	CustomerNameSurname	Treatment	BookingDate
BC0033	Ryan Murray	Laser Hair Removal	24/12/2021
BC0042	Ryan Murray	Lashlift and Tint	24/09/2022
BC0053	Ryan Murray	Laser Hair Removal	19/02/2022
BC0059	Ryan Murray	Make Up	24/03/2022
BC0065	Jenshue Genius	Tan	18/03/2022
BC0066	Ryan Murray	Laser Hair Removal	11/03/2022

Bank Card

PayPal ☐

Return

BC0066

Card Number

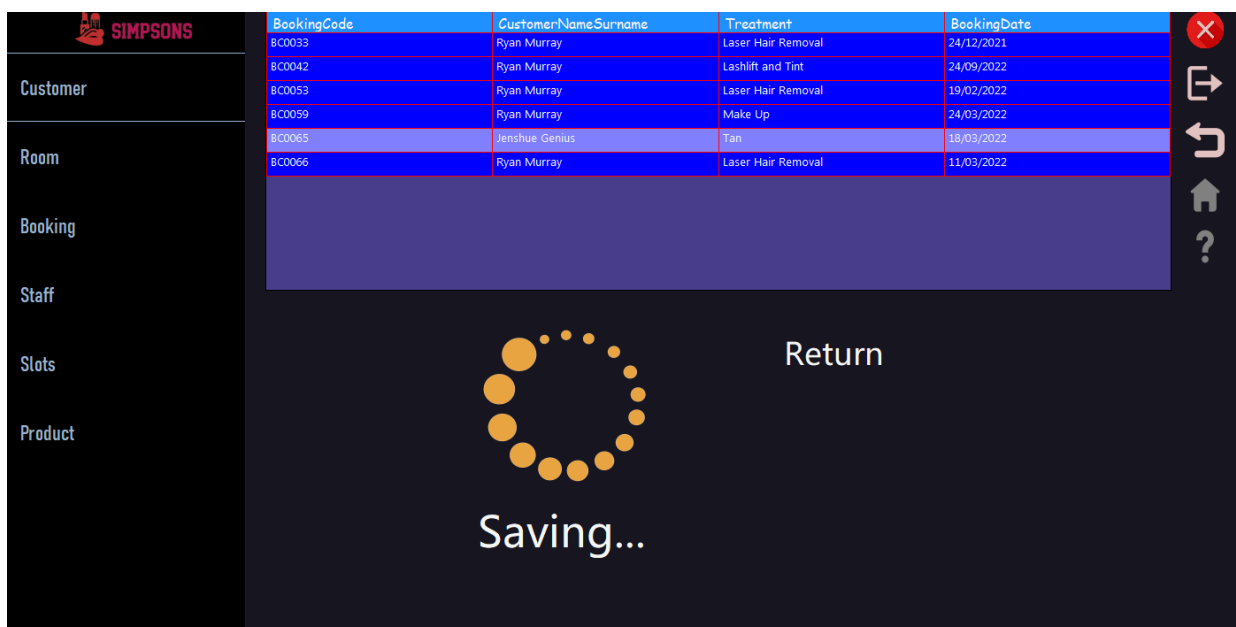
2222

Security Number

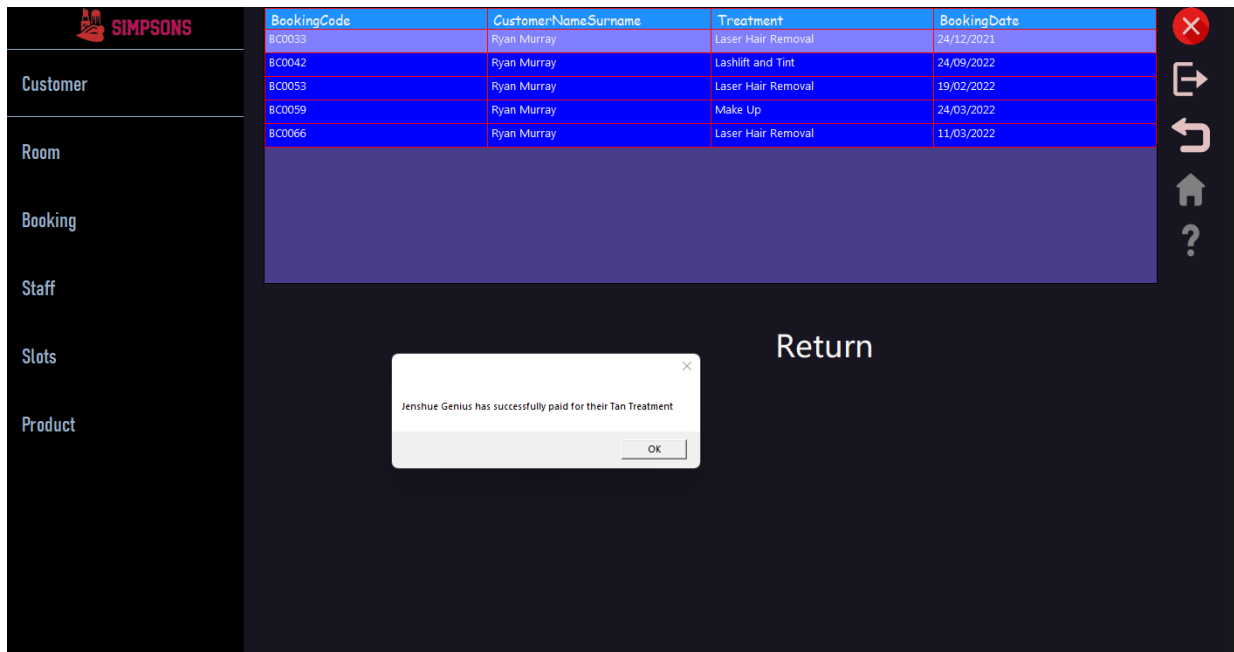
Pay Now

In doing so, the user will then be required to enter the rest of their banking information to pay for the booking.

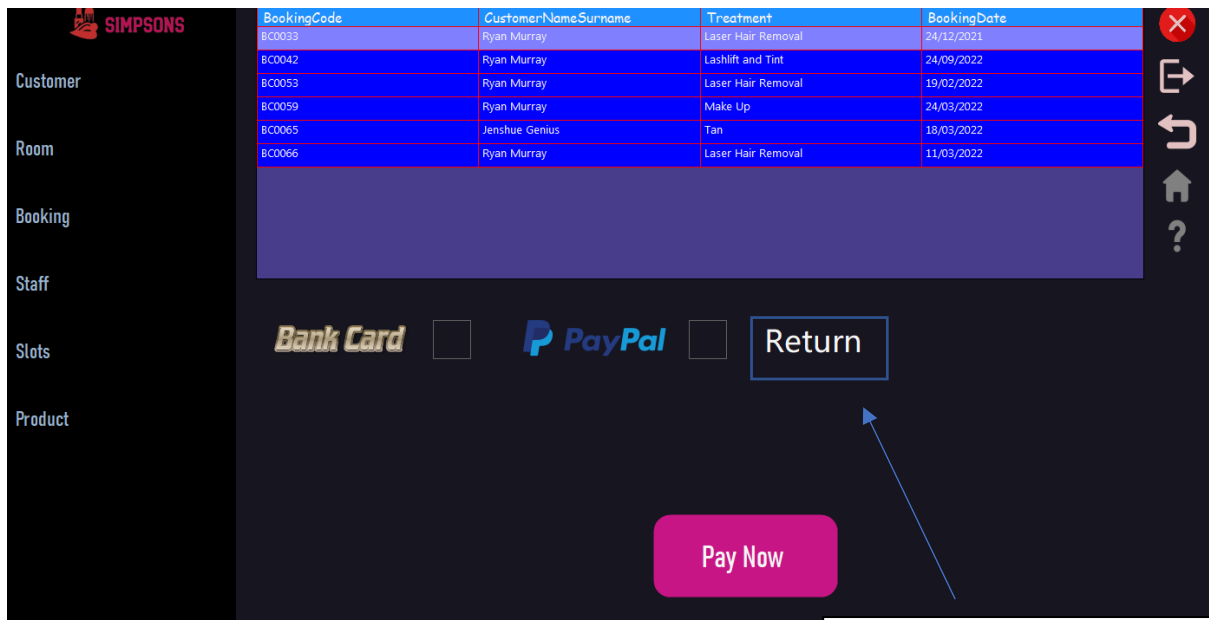
After successfully filling out the banking information (whether you choose Paypal or Bank Details), you will proceed to loading gif:



After the gif has finished loading, the user will be alerted that their booking has been successfully paid for via a message box. In the message box, the user will be able to see the user they have paid for and their treatment of choice. The following can be seen in the example below:



If the user accidentally clicks on the “Pay Now” field or wishes to return to the Update Booking section of the form, they must click on the “Return” label.



The user must click on the “Return” label, to be redirected to the Update section of the form

After clicking on the label, the panel will then close and the user will then be brought back to the update section of the form, where they can continue to edit any other piece of information regarding a customer’s booking.

Booking Form

When inserting data into each table, the same controls are used (textboxes), and the same validation applies, although when the user is inserting information into the Booking table, they are required to use different controls.

The user can gain access to the Booking form by clicking on the Booking Add button found within the Simpsons Information form.

The user must click the "Add" button to gain access to the Booking form

Customer

Room

Booking

Add

Delete

Update

Staff

Slots

Product

March 2022

Today: 14/03/2022

Cost: .

Paid: Yes ☐ No ☐

Add

Or the user can access the Booking form by clicking on "Add Booking" found within the content bar inside the Main Menu form.

Table Select Form

Room

Customer

Slots

Staff

Product

Reports

Add Booking

Delete Booking

Update Booking

Household Goods

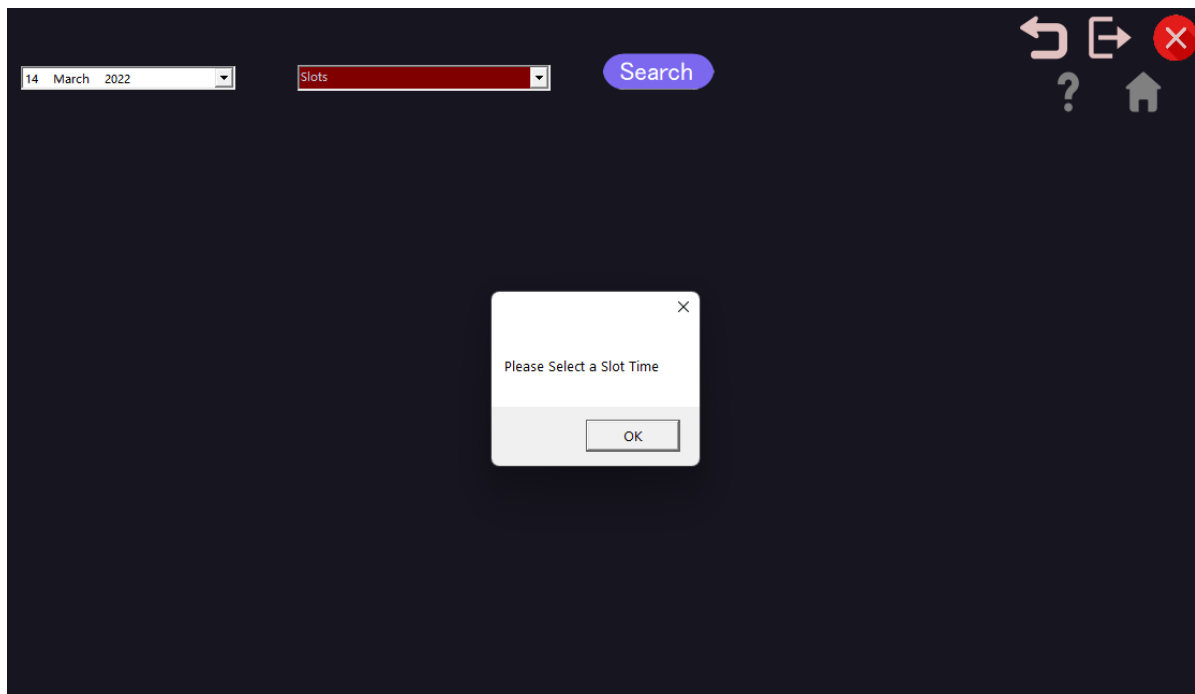
Office & Conference

Cosmetics & Beauty Service

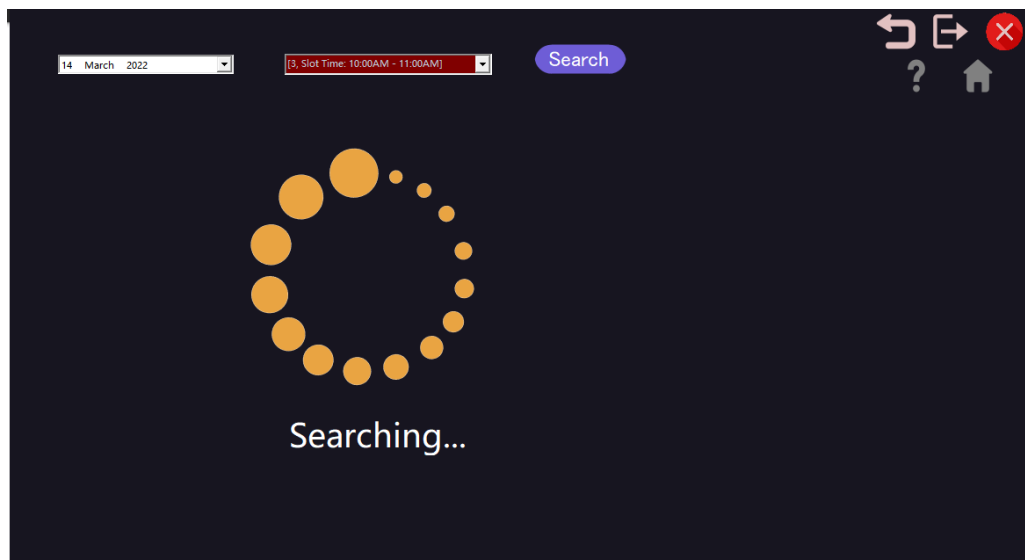
Dressmaking & Alterations

Wedding Dresses

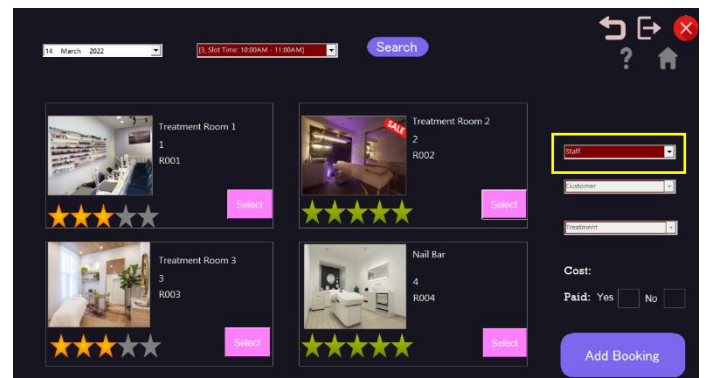
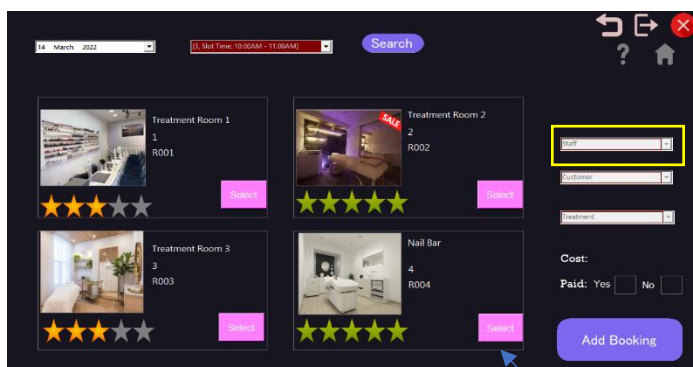
For the user to add a Booking, they must select a date then a slot time. The date is automatically set to the current date and any previous date cannot be set as bookings can only be made in the future. If a user fails to select a Slot Time they will be presented with a message box to remind them to select a time before attempting to search for slots.



Once the user selects a time slot and clicks the “Search” bar they will be presented with a loading gif to make the system engaging whilst also maintaining a professional feel.



Once the gif has stopped playing, a list of Rooms will be available for the user to choose from and upon selecting, the user will then be able to select a Staff member, as it is locked because some staff members may not be available.



The user must click on a button, to choose the room they desire to book

Once the user has selected their room of choice, they must use the combo box to select a Staff member. Once the user has selected the Staff member, the Customer combo box will be available for use.

The user must select a Staff member using the Combo Box

This screenshot shows the initial booking interface. At the top, there is a date selector set to '14 March 2022' and a slot time selector set to '[3 Slot Time: 10:00AM - 11:00AM]'. A 'Search' button is located to the right. Below this, four room options are displayed in a grid: Treatment Room 1 (R001), Treatment Room 2 (R002), Treatment Room 3 (R003), and Nail Bar (R004). Each room has a 'Select' button and a star rating. To the right of the room grid, there is a 'Staff' dropdown menu with a list of staff members: 1.Murray, 2.Eto, 3.Manderson, and 4.Hertines. Below the staff list is a 'Treatment' dropdown menu. At the bottom right, there is a 'Cost:' section with 'Paid: Yes' and 'No' checkboxes, and an 'Add Booking' button.

This screenshot shows the booking interface after a staff member has been selected. The 'Staff' dropdown menu is now set to '2.Eto'. The 'Customer' dropdown menu is now visible and highlighted with a yellow box. The rest of the interface, including the room grid and the 'Add Booking' button, remains the same.

Like the Staff combo box, once the user has then selected their customer of choice, the Treatment Combo box will be available for use. Depending on what Room the user decides to book in, different treatments are then available, and this is accessed throughout the combo box

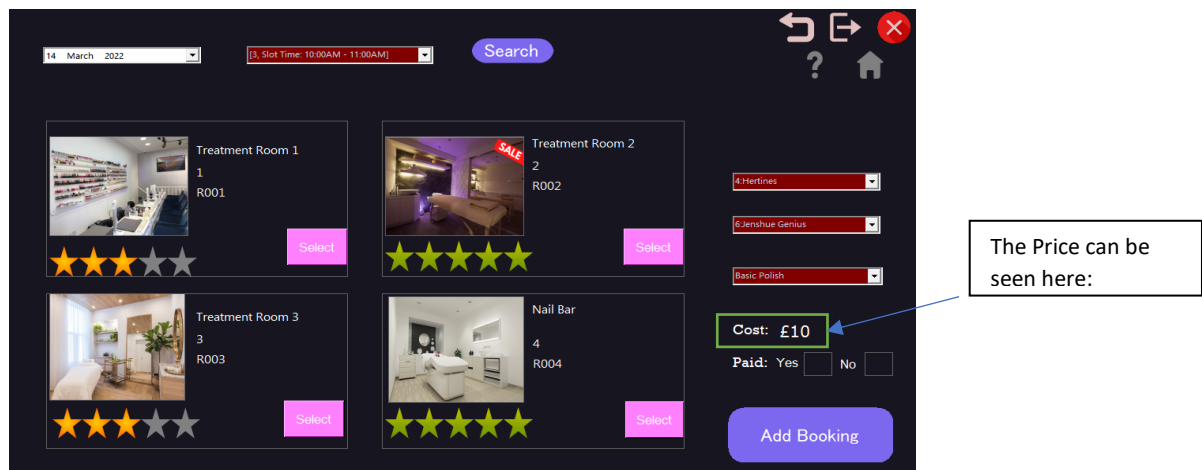
This screenshot shows the booking interface with a treatment selected for Treatment Room 2. The 'Treatment' dropdown menu is highlighted with a yellow box and contains a list of treatments: Lacquish and Tint, Make Up, Laser Hair Removal, Tan, and Eyebrows. The 'Paid: Yes' and 'No' checkboxes are visible below the treatment list. The 'Add Booking' button is at the bottom right.

The following Treatments are available for the Treatment Rooms

This screenshot shows the booking interface with a treatment selected for the Nail Bar. The 'Treatment' dropdown menu is highlighted with a yellow box and contains a list of treatments: Acrylics, Manicure, Basic Polish, Nail Gel, and Dip Powder. The 'Paid: Yes' and 'No' checkboxes are visible below the treatment list. The 'Add Booking' button is at the bottom right.

The following Treatments are available for the Nail Bar only

After the user has selected the Treatment of their choice they are presented with a Price for their Booking. The prices vary depending on what treatment the user selects and this is seen within a label.

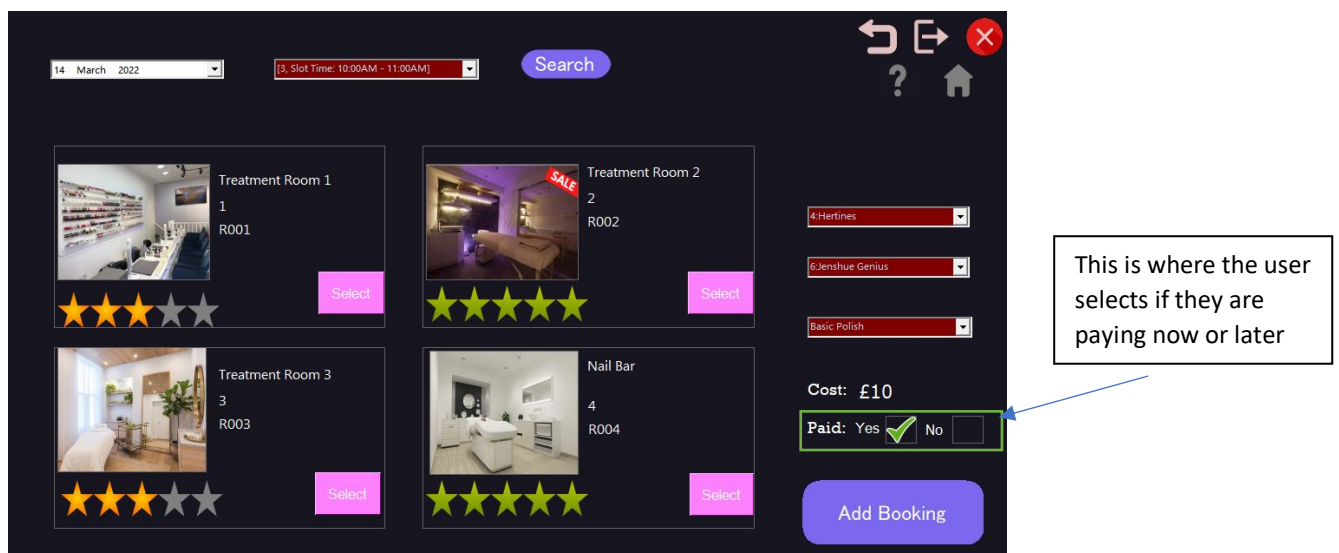


The screenshot shows a booking interface with a date selector (14 March 2022), a slot time selector ([5, Slot Time: 10:00AM - 11:00AM]), and a Search button. There are four treatment room options, each with a photo, name, ID, star rating, and a Select button:

- Treatment Room 1 (1 R001) with 4 stars
- Treatment Room 2 (2 R002) with 5 stars and a SALE tag
- Treatment Room 3 (3 R003) with 4 stars
- Nail Bar (4 R004) with 5 stars

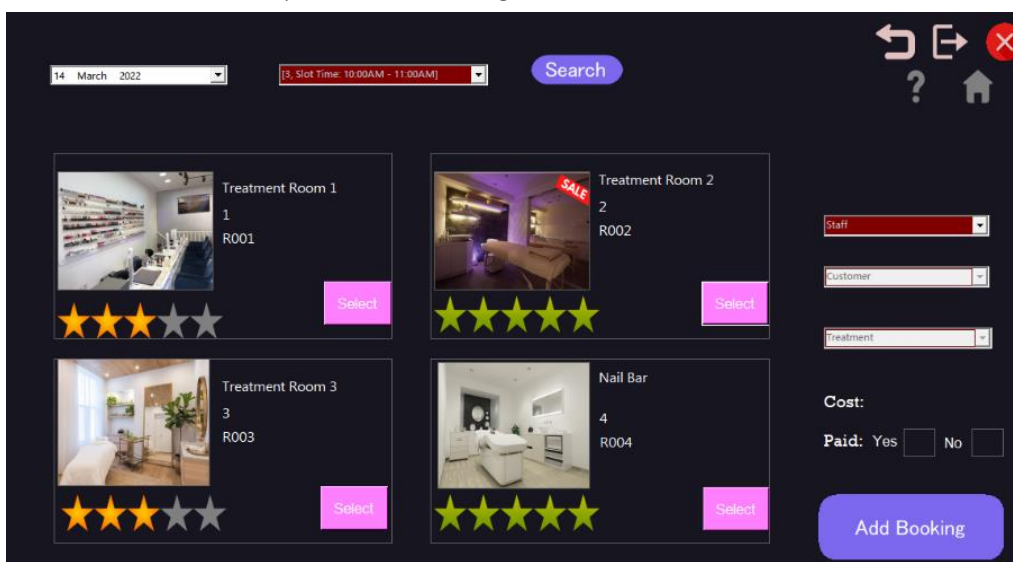
On the right, there are three dropdown menus for treatment selection: 4.Herlines, 6.Jenshue Genius, and Basic Polish. Below these, the Cost is displayed as £10. There are checkboxes for Paid: Yes and No. An Add Booking button is at the bottom right. A callout box points to the Cost label with the text: "The Price can be seen here:".

The final stages require the user to decide if they are wanting to Pay for the booking now, or later. The user must click on a picture box to enforce their decision. A Green tick is then visible inside the picture box the user clicks and if the user decides to change their mind, the picture then changes to the other picture box.



This screenshot shows the same booking interface as the previous one, but with the 'Paid' section updated. The 'Paid: Yes' option is now selected, indicated by a green checkmark inside its checkbox. The 'Paid: No' option remains unselected. The 'Add Booking' button is still present. A callout box points to the 'Paid: Yes' checkbox with the text: "This is where the user selects if they are paying now or later".

If the user changes their mind on what Room they want to use mid-process or the designated slot time, each combo box is then locked again and cleared as the following room may be booked out, or the previously selected Staff member may be booked. Although the date and slot time remain the same.



The screenshot shows the booking interface with the date and slot time remaining the same. The dropdown menus for treatment selection (Staff, Customer, Treatment) are now cleared and locked. The 'Cost' field is empty, and the 'Paid' section remains the same. The 'Add Booking' button is still present.

If the user decides to change the date for the Booking, the user will then be brought back to the starting stage of the form, where they must select a slot time to progress onto the next stage. This was put in place as the previous slot time may not be available for the new date selected.

If the user is wanting to make any edits to their Booking, this can be done via the Booking Update, found on the Simpsons Information form. (Once the user makes a booking, they will be redirected onto this form.)

Updating a Booking is like the rest of the Update functions for each table as the user must select a row of information to Update before clicking on the “Update” button, although different controls are used such as a Month calendar to make it more efficient and easier to use for the user.

If the user is Updating a Booking and wants to change the Booking date the rest of the combo boxes, clear and change back to the default texts as the previous information such as Staff and Room may not be available for the next date.

If the user changes the date, the text within each combo box changes

If the user is wanting to change their Room, the Treatment combo box is due to different treatments being available for different rooms. As well as the Treatment combo box clearing, the Price is also set back to “£0.00” as the user is required to select a treatment.

The screenshot shows the SIMPSONS booking system interface. The sidebar on the left has navigation options: Customer, Room, Booking, Staff, Slots, and Product. The main area displays a table of bookings with columns: BookingCode, BookingDate, StaffName, CustomerG, CustomerF, CustomerS, SlotCode, SlotTime, RoomDesct, Treatment, and Paid. Below the table, there is a booking form for room BC0061. The form includes a date picker set to March 2022, a time slot dropdown, and a treatment dropdown. The cost is displayed as £50.00. There are checkboxes for 'Paid: Yes' and 'No', and a 'Pay Here' button. An 'Update' button is also present.

This shows when the user has not yet changed their room

The screenshot shows the SIMPSONS booking system interface after a room change. The sidebar and table are the same as in the previous screenshot. However, the booking form for room BC0061 now shows a cost of £0.00. The 'Paid: Yes' checkbox is now checked, and the 'Pay Here' button is highlighted. The 'Update' button remains visible.

This shows when the user has changed their room