

USER MANUAL

WEM411



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CHRIS GRUNDLING
5485

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Abstract:

This is a python application that enables the user to book tables, be assigned tables, make orders and generate a total and save all work.

Introduction:

This is a python application that enables the user to book tables, be assigned tables, make orders and calculate the total and save all work.

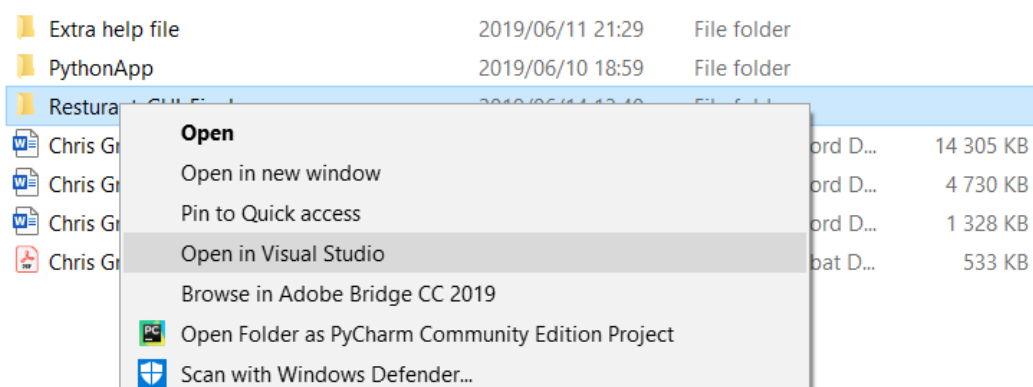
The user is prompted questions in a GUI thereafter, the user will input values only and letters only in the username box. When the button is selected the program will then automatically process the input and return the answer the user requested.

Getting started:

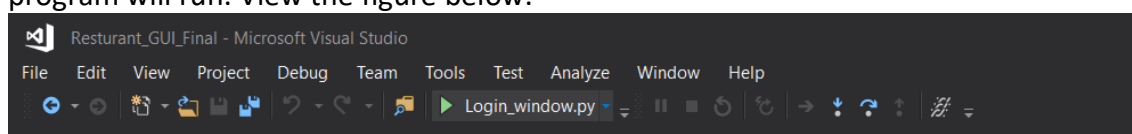
1. This application was created using python. Make sure python is installed to run this program
2. This application was created with Microsoft Visual Studio 2017, make sure this is installed to run the program.
3. Make sure NotePad is installed, the text file will be saved using NotePad.

Starting the application:

1. To start the application right click on the Resturant_GUI_Final file and select open with, Visual Studio 2017. View the figure below.



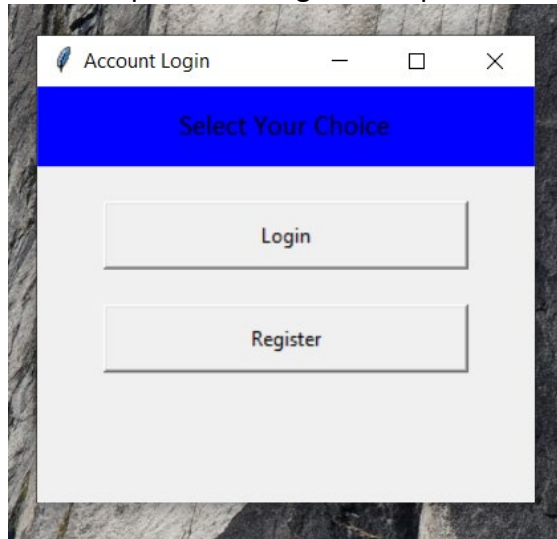
2. At the top of the window there will be a green triangle pointing towards the right, next to the triangle it says "Login_window.py", select the button and then the program will run. View the figure below.



Using the System:

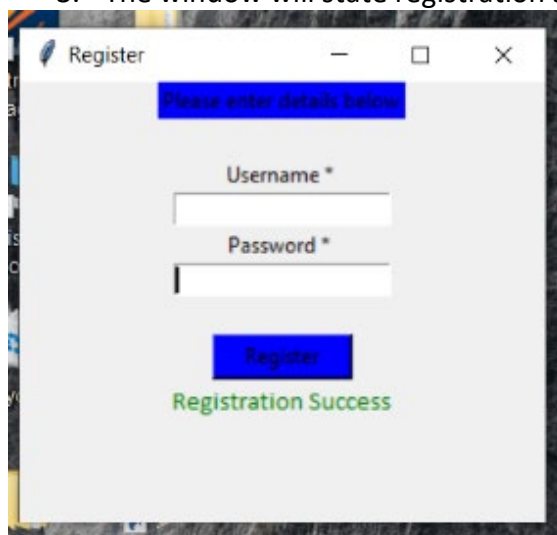
Login Window:

To use the Login window, in the GUI window there will be a list of operations the program can do. Operation 1 login and Operation 2 register. View figure below.



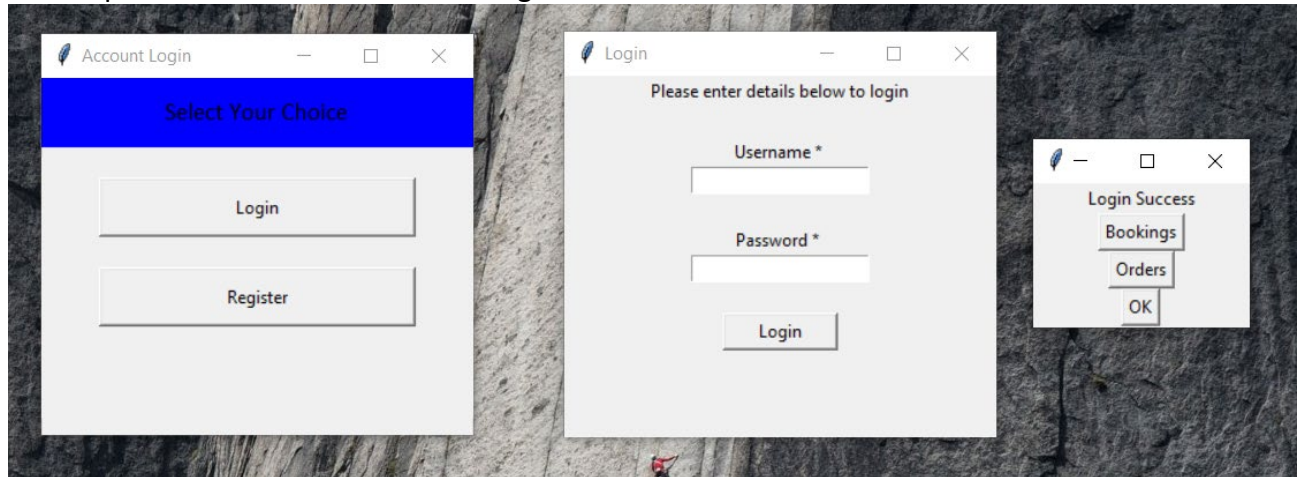
How to Register:

1. Select the Register button on the Account login screen.
2. The user will be asked to enter a username and password, enter the username and password and select register.
3. The window will state registration successful.



How to Login:

1. Select login in the account login window.
2. The user will be asked to enter username and password, enter username and password and then select the login button.



How to Book Tables:

1. Login with username “Chris” and password “1234”, User will be prompted with a successful login window.
2. Select Bookings and the bookings window will open.
3. The user will be asked to enter the surname, table number, date and time, enter the surname, table number, date and time and select the add booking button, the booking will be displayed in the window.
4. To view all bookings, select, View all bookings.
5. To Search for a booking enter the data you know of the booking and select, Search booking.
6. To Update a booking, select a booking and change the data and thereafter select, Update booking.
7. To delete a booking, select the booking and thereafter select, Delete booking.
8. To close bookings and go back to login window, select close bookings, the login window will open and the make bookings window will close.

The screenshot shows a window titled "Make Booking" with a standard Windows-style title bar (minimize, maximize, close buttons). The window contains the following elements:

- Input Fields:**
 - Surname:** A text box containing "Grun".
 - Date:** A text box containing "25/65/58".
 - Num of People:** A text box containing "58".
 - Time:** A text box containing "58:56".
- Bookings List:** A list box on the left containing one entry: "2 Grundling 14 23/05/2019 16:00".
- Action Buttons:** A vertical stack of buttons on the right side:
 - View all Bookings
 - Search Bookings
 - Add Booking
 - Update Booking
 - Delete Booking
 - Close Bookings

How to Order:

1. Login with username "Chris" and password "1234", User will be prompted with a successful login window.
2. Select Orders and the Make orders window will open.
3. The user will be asked to enter the number of each item the table ordered, enter the number of each item the table ordered.
4. To calculate total, select total.
5. To generate a receipt, select, Receipt.
6. To reset, select, Reset.
7. To save the order, select, Save.
8. To exit and go back to the login screen, select, exit and an exit window will appear, select yes to go to login window and no to return to the orders window.

Make Orders:

Table number:	1	Coke	7
Buger	1	Monster	6
Hot Dog	2	Fanta Orange	5
Pizza	3	Coffee	4
Burrito	4	Milk	3
Steak	5	Sprite	2
Fries	6	Water	1
Sandwich	7	Milkshake	4

Cost of Food	Rs 2230.00	Tax	Rs 925
Drinks	Rs 3130.00	Sub Total	Rs 6164
Service Charge	Rs 804.00	Total	Rs 7089

Receipt

Receipt Ref: BILL68491 14/06/19

Items Cost of Items

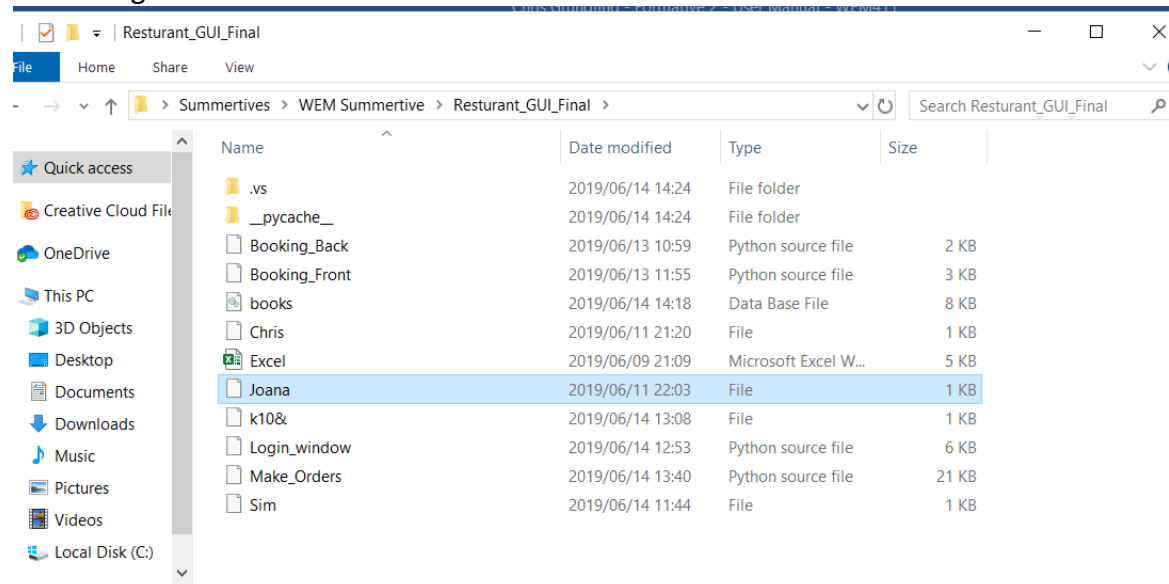
Table Number:	0
Burger:	1
Hot Dog:	2
Pizza:	3
Burrito:	4
Steak:	5
Fries:	6
Sandwich:	7
Coke:	7
Monster:	6
Fanta Orange:	5
Coffee:	4
Milk:	3
Sprite:	2
Water:	1
Milkshake:	4
Cost of Food:	Rs 2230.00
Tax Paid:	Rs 925
Cost of Cakes and Drinks:	Rs 3130.00

Total Receipt Reset Save Exit

Other Features:

Text File:

1. All output is saved in .txt files, which can be found in the folder where the application is.
2. Figure below is the saved text files.



Exception Handling:

1. If a wrong password or username is entered, the program will let the user know and ask the user to enter password and username again.
2. Figure below is an example of what happens if a incorrect password or username is entered.

