

# Opulence



An Anglo-Carnatic Product

by Anurag R Simha

## USER MANUAL

### 1. Introduction

Opulence is an application developed with massive interest as an idea to ease the procedure of food ordering while you await the advent of a waiter to your table. This document made assists you in the usage of this application. You must have successfully completed all the configurations mentioned in the configuration manual provided with this GitHub repository.

### 2. Administrator

#### 2.1. Why the administrator UI?

Assume you are at a restaurant, and you place an order for a particular meal or drink. To your misfortune, it's unavailable at the moment. The administrator interface addresses this issue. The administrator UI provides the administrator with the facility to add or remove dishes or drinks to/from the menu.

#### 2.2. How to use the administrator UI?

##### 2.2.1. Components

The UI encompasses six elements that significantly contribute to the menu and two components to add grandeur to the interface.

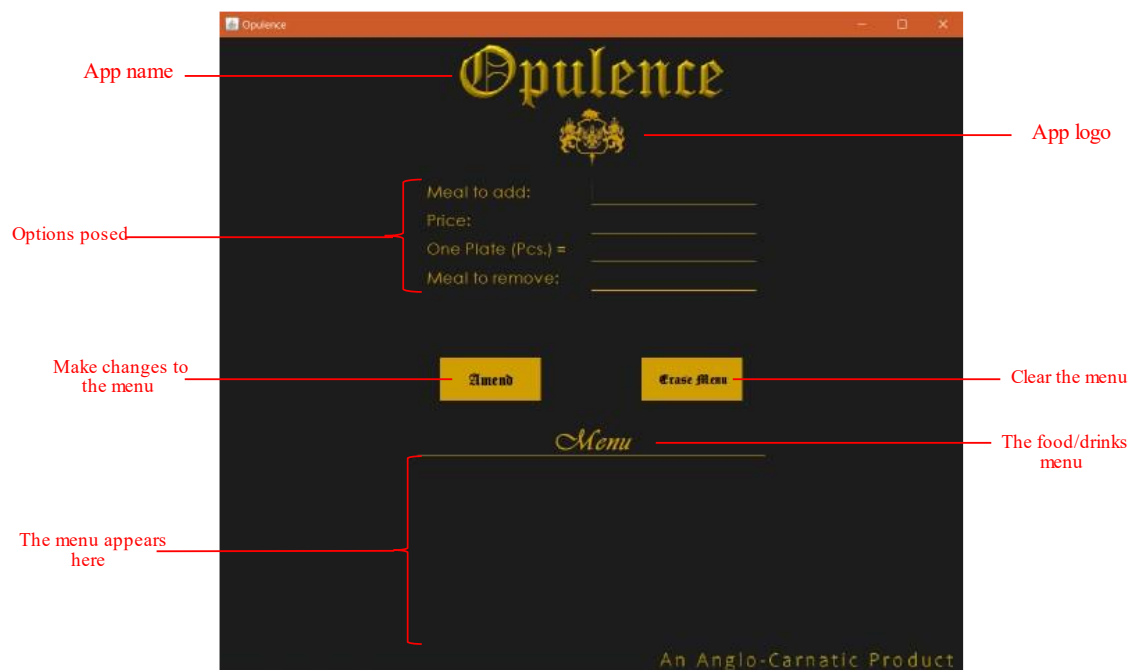
1. **Meal to add:** You may add the dish or drink you desire by typing its name (case insensitive) in the blank provided.
2. **Price:** Type the rate of your meal/drink in the blank provided.
3. **One Plate (Pcs.) =:** This field is to provide the customer with clarity of how many pieces of a particular meal gets offered on a plate. Type NA if it is a drink or a dish that cannot get measured by the number of pieces.
4. **Meal to remove:** If you must omit a meal or drink from the menu, type its name in the blank provided.

5. **Amend:** The amend button is responsible for making the respective amendments to the menu.
6. **Erase Menu:** The erase menu erases all the contents from the menu.

You've got the following options:

1. Add and remove a meal simultaneously.
2. Only add a meal.
3. Only remove a meal.

If you take to adding a meal to the menu, it's obligatory to fill in the blanks for price and one plate.



### 2.2.2. Adding items

Since you've familiarised yourself with the interface, let's add some dishes to the menu. I shall include a couple of vegan dishes (but, I am strictly vegetarian) on the menu that I fetched a couple of meals from [the forty mouth-watering vegan recipes](#) website.

I am ethnically south Indian (from Karnataka) with exposure to only Dravidian cuisine since birth. Furthermore, since I am not a gourmand, I picked meals from the website mentioned to maintain international standards.

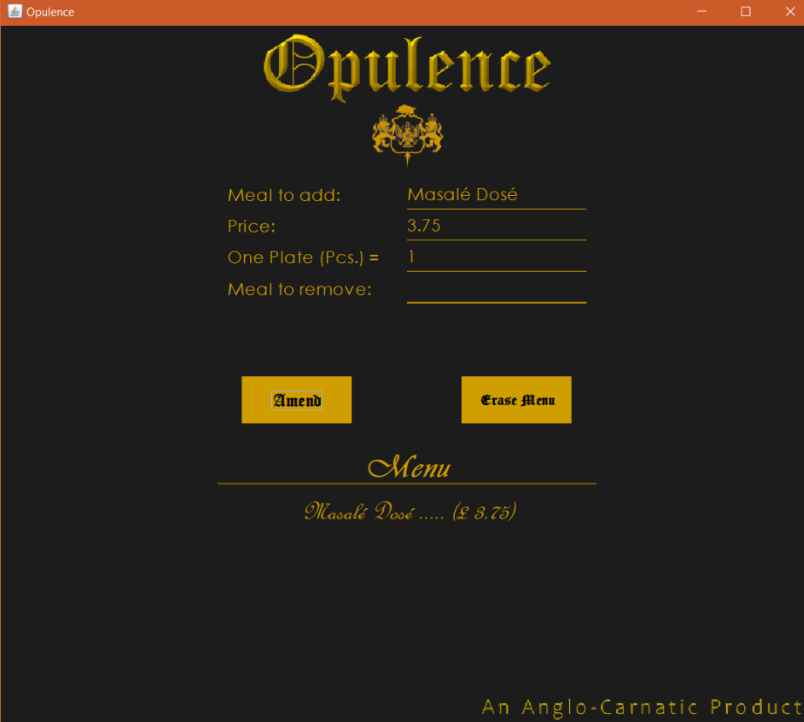
**Step 1:** Click on the blank in tandem with the “Meal to add:” label.

**Step 2:** Type the dish/drink.

**Step 3:** Set the price for the dish/drink.

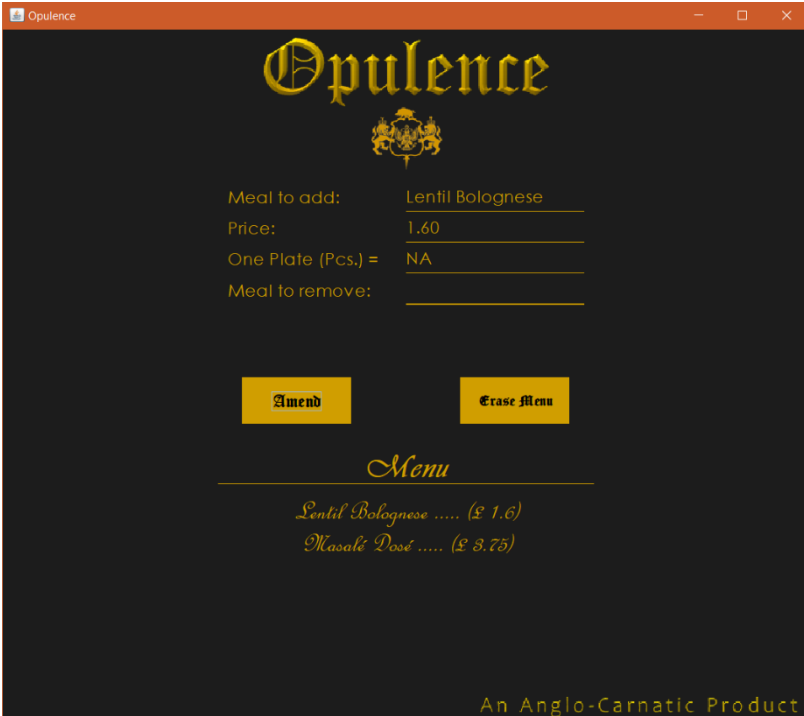
**Step 4:** Enter the number of pieces served on one plate. You may type NA in one of these circumstances:

1. You add a dish like soup.
2. You add a drink.



The screenshot shows a web application window titled 'Opulence'. The interface has a dark background with gold text and buttons. At the top, the 'Opulence' logo is displayed with a crest below it. Below the logo, there are four input fields: 'Meal to add:' with 'Masalé Dosé', 'Price:' with '3.75', 'One Plate (Pcs.) =' with '1', and 'Meal to remove:' which is empty. Below these fields are two gold buttons: 'Amend' and 'Erase Menu'. Underneath the buttons is a section titled 'Menu' with a horizontal line. Below the line, the text 'Masalé Dosé ..... (£ 3.75)' is displayed. At the bottom right of the window, the text 'An Anglo-Carnatic Product' is visible.

Since *Lentil Bolognese* is an Italian vegan meal that cannot be measured by pieces, I type 'NA'.



The screenshot shows the same web application window as before, but with different data. The 'Meal to add:' field now contains 'Lentil Bolognese', the 'Price:' field contains '1.60', and the 'One Plate (Pcs.) =' field contains 'NA'. The 'Amend' and 'Erase Menu' buttons remain. The 'Menu' section now lists two items: 'Lentil Bolognese ..... (£ 1.6)' and 'Masalé Dosé ..... (£ 3.75)'. The 'An Anglo-Carnatic Product' text is still at the bottom right.

Similarly, let's populate the menu with more dishes and drinks.

Opulence

Meal to add:

Price:

One Plate (Pcs.) =

Meal to remove:

**Amend** **Erase Menu**

*Menu*

*Butternut Squash Risotto ..... (£ 2.75)*

*Coffee ..... (£ 3.4)*

*Lemon Juice ..... (£ 0.65)*

*Lentil Bolognese ..... (£ 1.6)*

*Masalé Dosé ..... (£ 3.75)*

An Anglo-Carnatic Product

These items can be observed on the database:

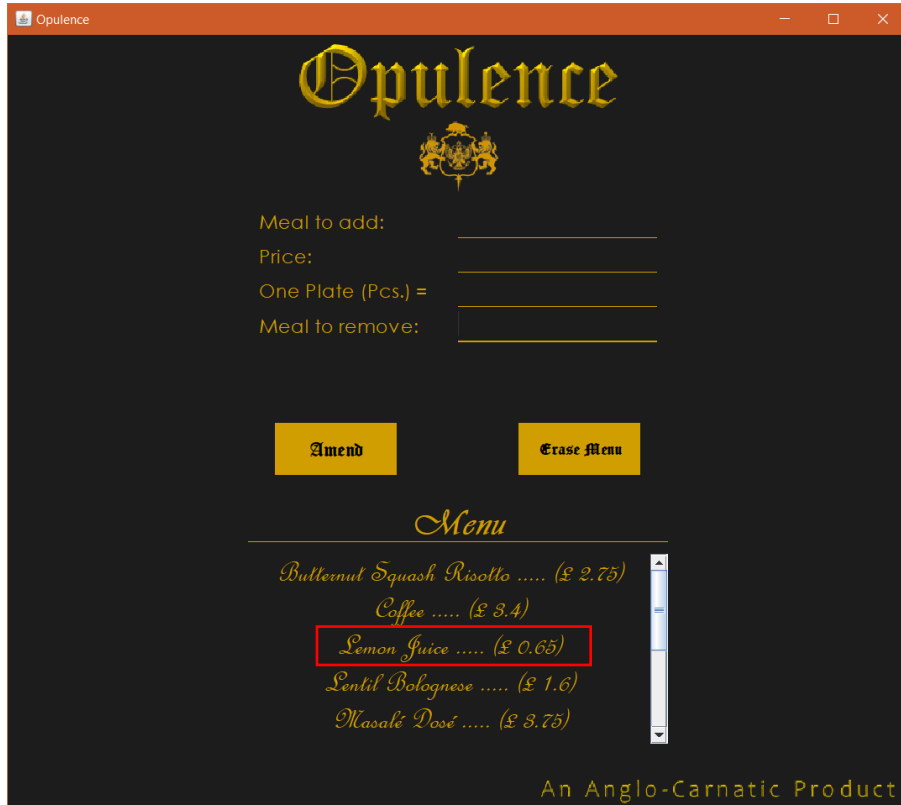
```
mysql> select * from dishes;
```

mealName	price	onePlate
Masalé Dosé	3.75	1
Lentil Bolognese	1.6	NULL
Butternut Squash Risotto	2.75	3
Whole Roasted Cauliflower	4	3
Vegan Shepherds Pie	6.79	NULL
Vegetarian Sandwich	2.14	2
Roasted Sheet-pan Ratatouille	6	3
Coffee	3.4	NULL
Tea	2.2	NULL
Lemon Juice	0.65	NULL

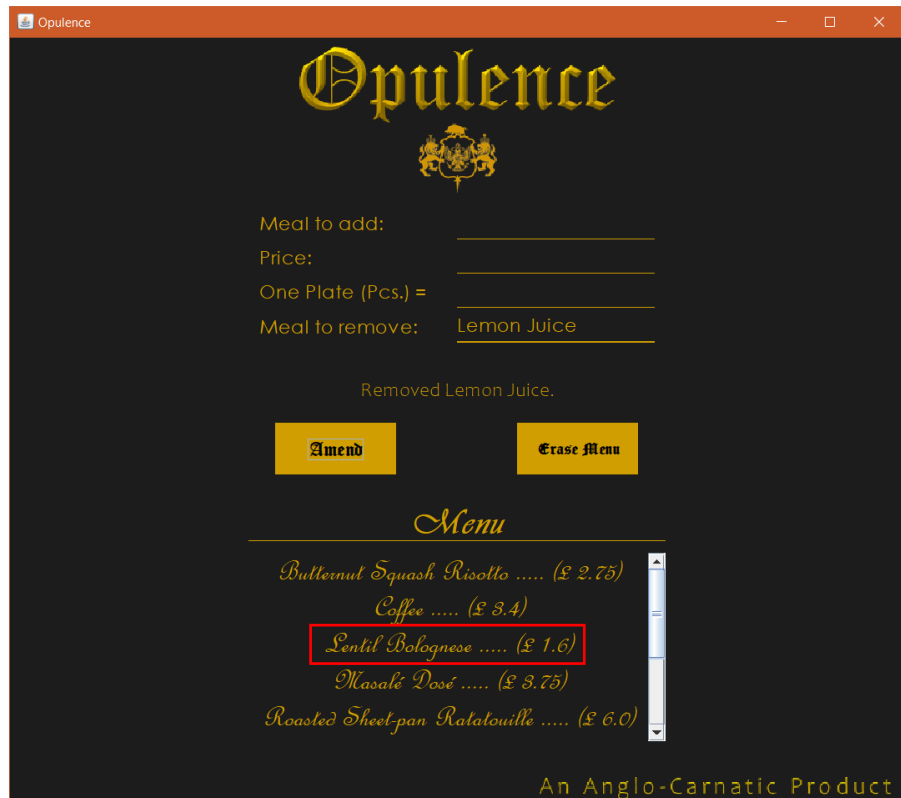
10 rows in set (0.00 sec)

### 2.2.3. Removing items

Since we've got a handful of items on the menu, let's remove 'Lemon Juice' now. For this, you must only type the name of the item you seek to omit from the menu.



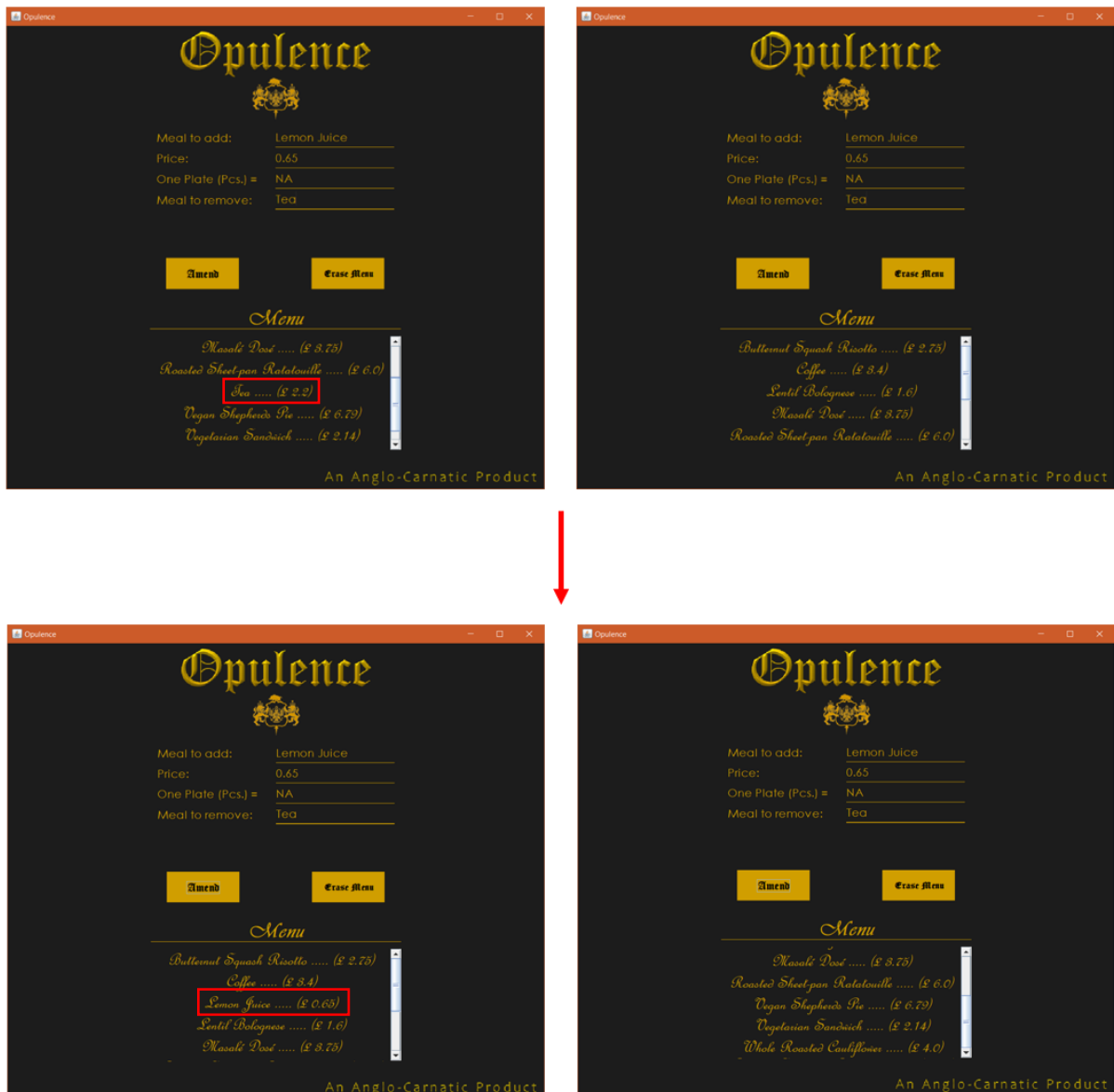
The screenshot shows the 'Opulence' menu management interface. At the top, the title 'Opulence' is displayed in a large, ornate font, followed by a decorative crest. Below the title, there are four input fields: 'Meal to add:', 'Price:', 'One Plate (Pcs.) =', and 'Meal to remove:'. The 'Meal to remove:' field is currently empty. Below these fields are two buttons: 'Amend' and 'Erase Menu'. The main section is titled 'Menu' and contains a list of items: 'Butternut Squash Risotto ..... (£ 2.75)', 'Coffee ..... (£ 3.4)', 'Lemon Juice ..... (£ 0.65)', 'Lentil Bolognese ..... (£ 1.6)', and 'Masala Dosa ..... (£ 3.75)'. The 'Lemon Juice' item is highlighted with a red border. A vertical scrollbar is visible on the right side of the menu list. At the bottom right, the text 'An Anglo-Carnatic Product' is displayed.



The screenshot shows the 'Opulence' menu management interface after the removal of 'Lemon Juice'. The 'Meal to remove:' field now contains the text 'Lemon Juice'. Below the input fields, a message 'Removed Lemon Juice.' is displayed. The 'Amend' and 'Erase Menu' buttons remain. The 'Menu' section now lists the remaining items: 'Butternut Squash Risotto ..... (£ 2.75)', 'Coffee ..... (£ 3.4)', 'Lentil Bolognese ..... (£ 1.6)', 'Masala Dosa ..... (£ 3.75)', and 'Roasted Sweet-pan Katalouille ..... (£ 6.0)'. The 'Lentil Bolognese' item is highlighted with a red border. The vertical scrollbar is still present. At the bottom right, the text 'An Anglo-Carnatic Product' is displayed.

## 2.2.4. Adding and Removing items

You can concomitantly remove items from the menu as you add them. Here is an example. With the advent of lemon juice on the menu, tea gets omitted.



Note: Tea is once again added after removal.

## 3. Customer

### 3.1. Why the customer interface?

The Opulence app serves to ease ordering a customer's favourite meals at a restaurant without awaiting the arrival of a waiter at the table. With a simple interface engineered to assist the customer, one can order the desired meal in a few clicks. This app is equipped with the feature of making it convenient for a customer to specify any details they wish to communicate.

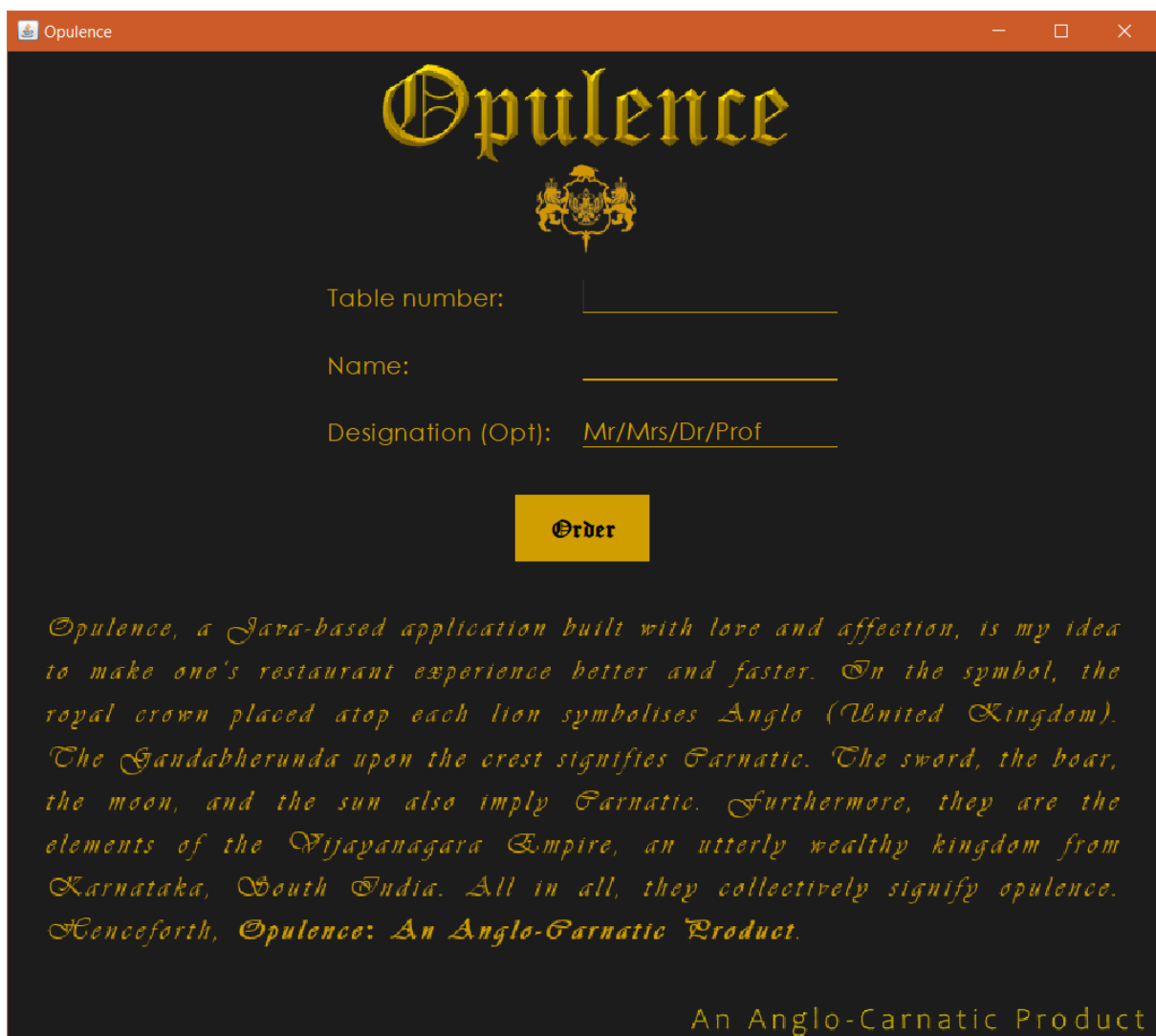
### 3.2. How to use the customer interface?

The idyllic customer interface is quite simple to use. Initially, you've got a window in front of you requesting the following three details:

1. Table number
2. Name
3. Designation (optional)

It's obligatory to enter the table number and name before proceeding to order the dishes. The designation field might be left as is or filled if you desire.

The UI initially looks as below:



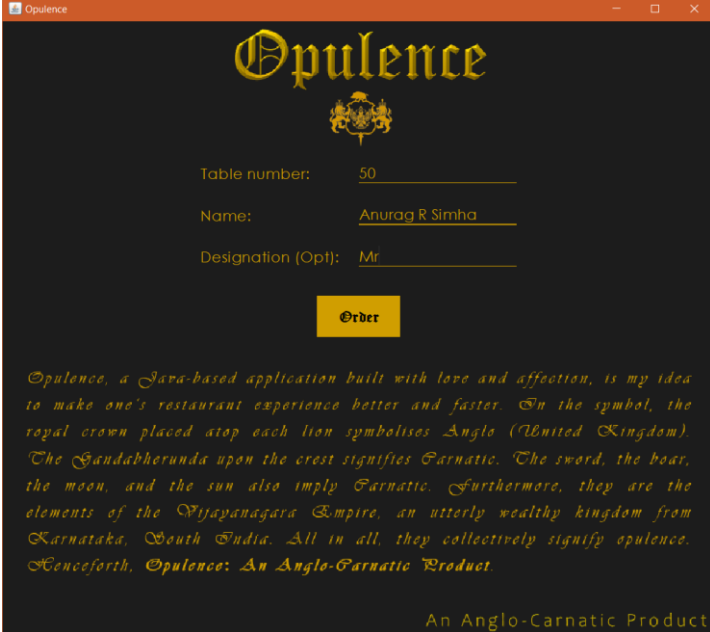
The screenshot shows a window titled "Opulence" with a dark background and gold text. The window contains the following elements:

- Title Bar:** "Opulence" with standard window controls (minimize, maximize, close).
- Logo:** A large, ornate gold logo for "Opulence" featuring a crown and a crest.
- Form Fields:**
  - "Table number:" followed by a text input field.
  - "Name:" followed by a text input field.
  - "Designation (Opt):" followed by a text input field containing the placeholder text "Mr/Mrs/Dr/Prof".
- Order Button:** A gold button with the text "Order".
- Text Block:** A paragraph of text in a gold, cursive font:

*Opulence, a Java-based application built with love and affection, is my idea to make one's restaurant experience better and faster. On the symbol, the royal crown placed atop each lion symbolises Anglo (United Kingdom). The Gandabherunda upon the crest signifies Carnatic. The sword, the boar, the moon, and the sun also imply Carnatic. Furthermore, they are the elements of the Vijayanagara Empire, an utterly wealthy kingdom from Karnataka, South India. All in all, they collectively signify opulence. Henceforth, Opulence: An Anglo-Carnatic Product.*
- Footer:** The text "An Anglo-Carnatic Product" in a gold, sans-serif font.

### 3.2.1. Filling the details

Let's proceed with filling the details.



The screenshot shows a web application window titled 'Opulence'. At the top, the word 'Opulence' is written in a large, ornate, gold-colored font, followed by a royal crest. Below the crest, there are three input fields: 'Table number:' with the value '50', 'Name:' with the value 'Anurag R Simha', and 'Designation (Opt):' with the value 'Mr'. A yellow 'Order' button is positioned below these fields. At the bottom of the window, there is a paragraph of text in a cursive font, followed by the text 'An Anglo-Carnatic Product'.

Opulence

Opulence

Table number: 50

Name: Anurag R Simha

Designation (Opt): Mr

Order

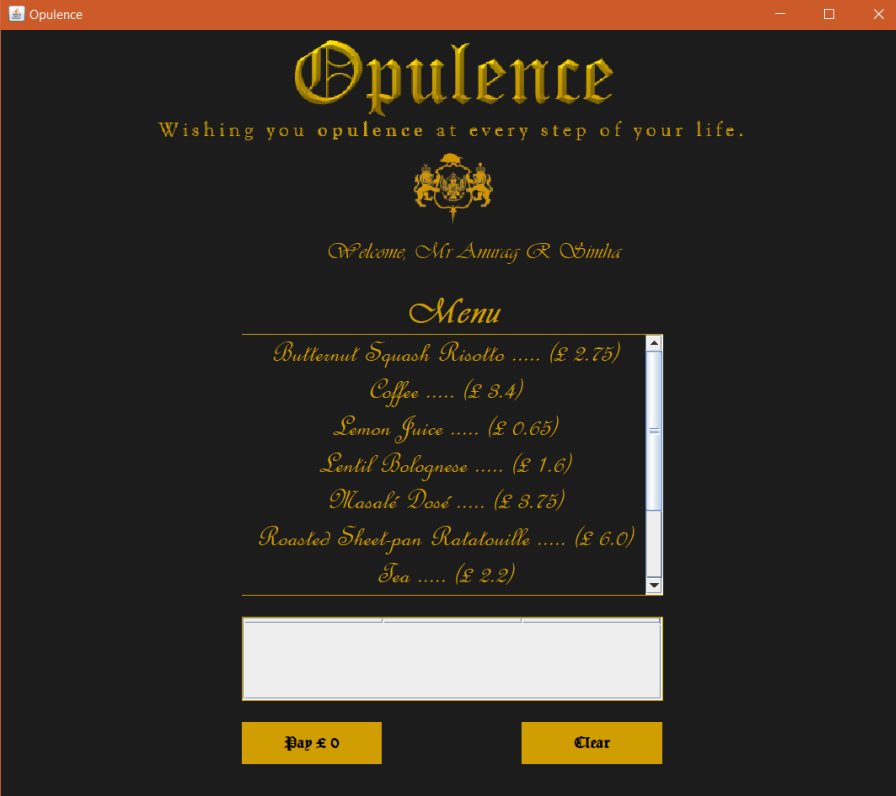
*Opulence, a Java-based application built with love and affection, is my idea to make one's restaurant experience better and faster. On the symbol, the royal crown placed atop each lion symbolises Anglo (United Kingdom). The Gandabherunda upon the crest signifies Carnatic. The sword, the bear, the moon, and the sun also imply Carnatic. Furthermore, they are the elements of the Vijayanagara Empire, an utterly wealthy kingdom from Karnataka, South India. All in all, they collectively signify opulence. Henceforth, Opulence: An Anglo-Carnatic Product.*

An Anglo-Carnatic Product

Click the 'Order' button to proceed.

You may now place your order by selecting the items on the menu. You can also enter the quantity with any particular specifications.

The following interface shall present itself before your eyes:



The screenshot shows the same web application window, but now it displays a menu. The word 'Opulence' is at the top, followed by the tagline 'Wishing you opulence at every step of your life.' and the royal crest. Below the crest, it says 'Welcome Mr Anurag R Simha'. The menu is titled 'Menu' and lists several items with their prices in a cursive font. A scroll bar is on the right side of the menu. At the bottom, there is a white rectangular box for the total amount, and two yellow buttons labeled 'Pay ₹ 0' and 'Clear'.

Opulence

Wishing you opulence at every step of your life.

Welcome Mr Anurag R Simha

Menu

Butternut Squash Risotto ..... (£ 2.75)

Coffee ..... (£ 3.4)

Lemon Juice ..... (£ 0.65)

Lentil Bolognese ..... (£ 1.6)

Masala Dosa ..... (£ 3.75)

Roasted Sheet-pan Ratatouille ..... (£ 6.0)

Tea ..... (£ 2.2)

Pay ₹ 0

Clear



### 3.2.2. Placing the order and (fictitiously) paying for it

To place your order, you must first select the items from the menu, and then hit the payment button.

#### 3.2.2.1. Selecting the dishes/drinks

Let's see how to select the dishes and drinks from the menu.

**Step 1:** Browse through the menu.

**Step 2:** Click on the meal/drink you desire.

**Step 3:** By default, the quantity is 1. You may alter this according to your specifications.

**Step 4:** If you've got any additional specifications you want the chefs to know, you can type them in the field containing 'Specifications'.

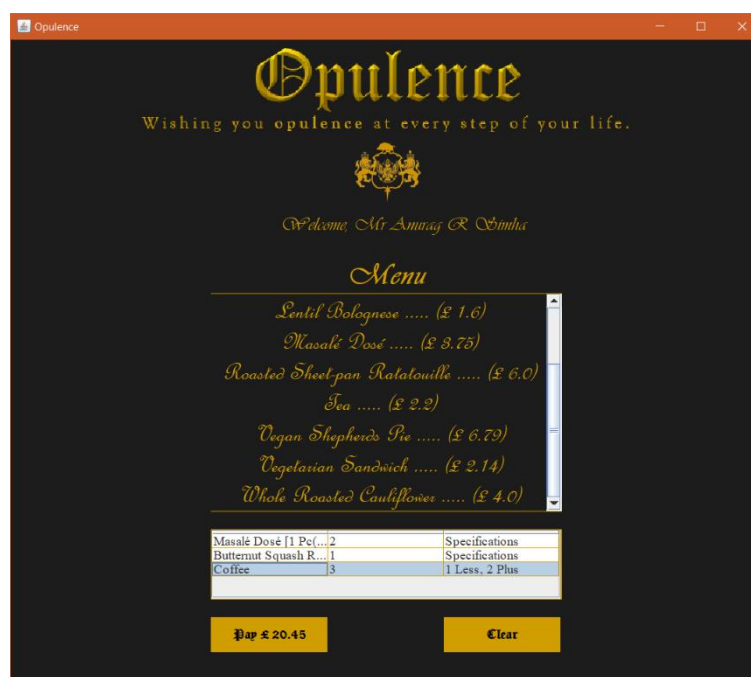
To specify the quantity, convey any specification and (fictitiously) pay,

**Step 1:** Click on the cell containing '1' in it to change the quantity. To mention any specifications, click on the cell containing 'Specifications'.

#### [Important Note:

1. If the quantity cell remains blank, the value is 1 by default.
2. If the name of a dish ends with '...', click on the cell and hover the mouse pointer over it. A tooltip appears with the full information.]

**Step 2:** Click on Pay £ <amount>



As seen in the image above, I am charged with £ 20.45 for the order.

[The calculation:

£ 3.75 for 1 piece of Masalé Dosé  $\Rightarrow$  £  $(3.75 \times 2) =$  £ 7.50

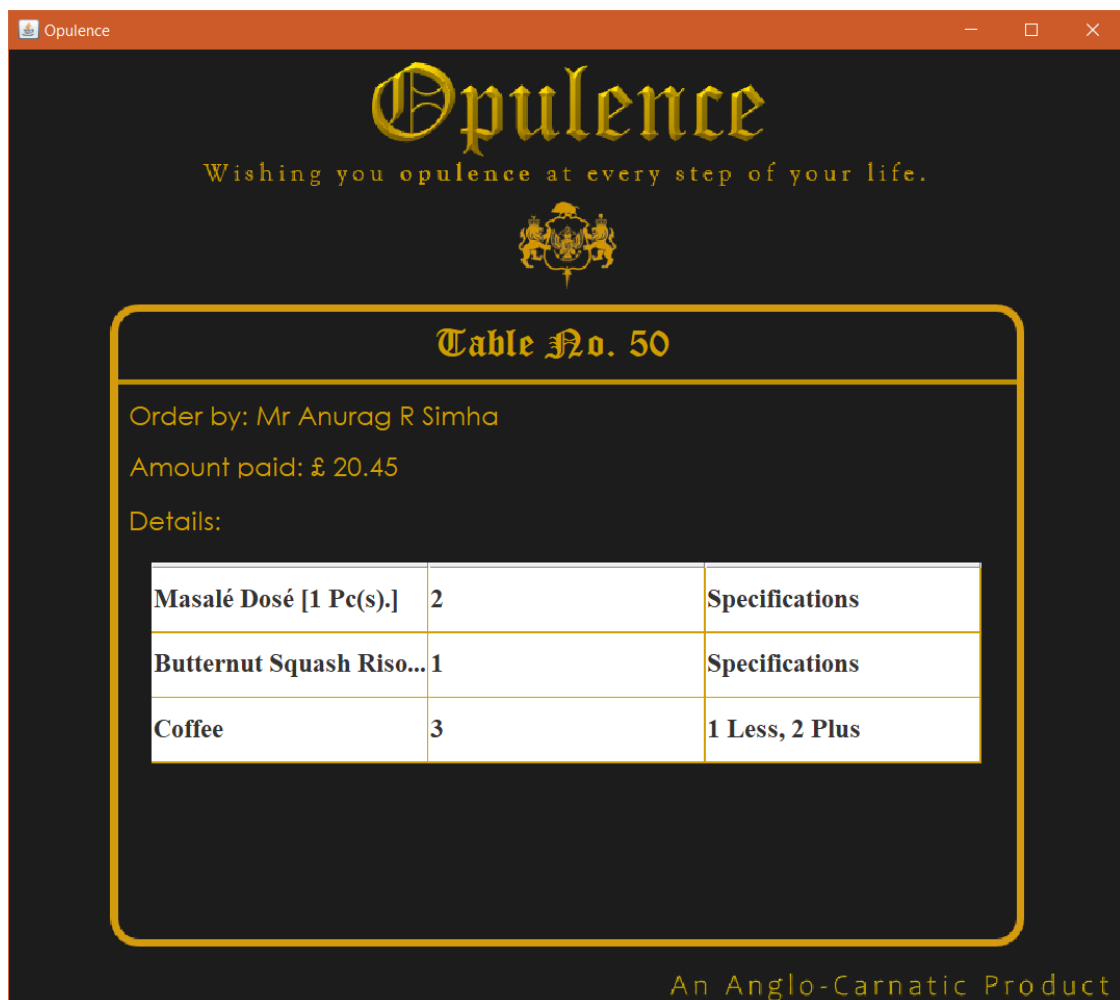
£ 2.75 for 3 pieces of Butternut Squash Risotto  $\Rightarrow$  £  $(2.75 \times 1) =$  £ 2.75

£ 3.4 for a cup of coffee  $\Rightarrow$  £  $(3.4 \times 3) =$  £ 10.20

$\Rightarrow$  £  $(7.50 + 2.75 + 10.20) =$  £ 20.45]

### 3.2.2.2. Paying for the dishes/drinks

Clicking on the ‘Pay £ 20.45’ button leads you to a new window which in a real-world scenario is seen by the chefs on a monitor in the kitchen. It appears as below:



This concludes the tutorial on how to use Opulence. Hopefully, you enjoy the experience of using this app.

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