

# CAKECREATIONS

## USER MANUAL

### INSTRUCTIONS:

1. The folder consists of java files out of which the user must run the "PlaceOrder.java" file to create cake orders.
2. The user shall enter "A" in order to add a new cake to the shopping cart.
  - While adding the cake, the user shall enter any of the given cakes or any other special flavour which may have high costs as per the number of layers.
  - The number of layers should be anywhere between 1-3 as we do not make cakes with more than 3 layers.
  - All layers of any cake will have the same flavour.
  - The user can choose to have any dietary requirements for the cake as per their convenience.(Note: This may affect the taste of the cake)
  - The user can also have any messages of upto 20 characters written on the cake for an additional fee of \$5.00 per cake.
  - In order to add the cake to the cart, the user must enter "yes" or "no".(Note: any other input except for "yes" will be taken as a "no" by the program by default)
3. The user shall enter "V" in order to view the added cakes in the shopping cart.
  - The user can see a list of added cakes along with what message each cake has and the final price of their order.
4. The user shall enter "E" in order to edit an existing cake in the shopping cart.
  - The user must enter the number of cake they wish to edit.(Note: If number entered has no cake at that position, the program may show "Invalid input")
5. The user shall enter "R" in order to remove a cake from the the shopping cart.
  - The user must enter the number of cake they wish to remove.(Note: If number entered has no cake at that position, the program may show "Invalid input")
6. The user shall enter "C" in order to checkout with the existing cakes in the shopping cart.
  - The user must enter if they wish to add a candle for \$10.50.
  - If the total order value(excluding the cost of candle) is atleast \$200, the user will be able to get a complimentary pastry from Cakereations.
  - The user must select from the available options for the same.
  - The user must enter a valid address for delivery.
  - The user can opt to have an express delivery for their cake(within 3 days) for an additional \$50.
  - In order to checkout, the user must enter "confirm".
  - After checking out, the user will get an invoice in ".txt" form for the cake with the time stamp as the name of the file.
7. The user shall enter "Q" in order to quit the program.
  - The program will keep on running for other users after one user checks out unless the user quits the program.
8. The user must not open or edit any other files as it might lead to errors with the program.
9. Functioning of the program:
  - Once the user enters any input, it is processed using the "ProcessOrder.java" file.
  - The "addCake()" method creates a new Cake object using the "Cake.java" and calculates its price using the "calCakePrice()" method from "CakeInfo.java" and stores the cake into an ArrayList.
10. Below is a sample cake order:

i. Adding a cake:

```
Welcome to Cakereations
Click 'A' to start a new cake order.
Click 'V' to view shopping cart.
Click 'E' to edit cake info.
Click 'R' to remove a cake.
Click 'C' to checkout.
Click 'Q' to quit.
A
```

```
A
Chocolate 1:plain chocolate,double chocolate,jaffa,mint chocolate,red velvet
Vanilla 2:plain vanilla,vanilla fondant,vanilla buttercream,vanilla mascarpone,vanilla citrus
Caramel 3:dulce de leche,salted caramel,caramel mango
Banana 4:plain banana,banana foster,banana cream cheese
Lemon 5:plain lemon,lemon yoghurt,lemon coconut
Tea 6:matcha green tea,hojicha
Coffee 7:espresso,mocha,coffee walnut
Exotic 8:plain durian,durian extra,jackfruit kiwano
Special 9:opera,pavlova,mille crepe,strawberry shortcake,mixed berry cheesecake

Enter your choice of flavour:
jaffa

Enter number of layers(1-3):
1

Enter any dietary requirements(if none, enter 'none'):
none
Would you like to have a custom message written on this cake?(Additional cost $5.00)
Enter 'yes' or 'no':
yes
Enter message(20 characters max):
Happy Birthday
Order: 1-layer jaffa cake   Dietary requirements: none   Cake Price: $35.00
Message on cake: Happy Birthday
In order to continue, please enter 'yes', else, enter 'no'
yes
Cake added!
```

ii. Viewing the Cart:

```
Click 'A' to start a new cake order.
Click 'V' to view shopping cart.
Click 'E' to edit cake info.
Click 'R' to remove a cake.
Click 'C' to checkout.
Click 'Q' to quit.

V

1) Order: 1-layer jaffa cake   Dietary requirements: none   Cake Price: $35.00
Message on cake: Happy Birthday
Total cost: $35.00
```

### iii. Editing the cake:

```
E
1) Order: 1-layer jaffa cake   Dietary requirements: none   Cake Price: $35.00
Message on cake: Happy Birthday
2) Order: 3-layer opera cake   Dietary requirements: none   Cake Price: $160.00
Total cost: $195.00
Select cake number to edit:
1
Enter your choice of flavour:
jaffa
Enter number of layers(1-3):
3
Enter any dietary requirements(if none, enter 'none'):
none
Would you like to have a custom message written on this cake?(Additional cost $5.00)
Enter 'yes' or 'no':
yes
Enter message(20 characters max):
Happy Birthday
Order: 3-layer jaffa cake   Dietary requirements: none   Cake Price: $105.00
Message on cake: Happy Birthday
In order to continue, please enter 'yes', else, enter 'no'
yes
```

### iv. Removing a cake:

```
Click 'A' to start a new cake order.
Click 'V' to view shopping cart.
Click 'E' to edit cake info.
Click 'R' to remove a cake.
Click 'C' to checkout.
Click 'Q' to quit.
R
1) Order: 3-layer jaffa cake   Dietary requirements: none   Cake Price: $105.00
Message on cake: Happy Birthday
2) Order: 3-layer opera cake   Dietary requirements: none   Cake Price: $160.00
Total cost: $265.00
Select cake number to remove:
1
Are you sure you want to remove Order: 3-layer jaffa cake   Dietary requirements: none   Cake Price: $105.00?
Enter 'yes' or 'no':
yes
Cake deleted!
1) Order: 3-layer opera cake   Dietary requirements: none   Cake Price: $160.00
Message on cake: Happy Birthday
Total cost: $160.00
```

### v. Checking out:

```
C
Your orders are:
1) Order: 3-layer opera cake   Dietary requirements: none   Cake Price: $160.00
Message on cake: Happy Birthday
Total cost: $160.00
If you wish to add a candle for $10.50, please enter yes,else, enter no
yes
Candle added!
Enter delivery address:
405/29 Elk St, Melbourne, VIC 3094
Would you like an express service for your order for $50?(Delivery within 3 days)
Note: Standard delivery times are 7-14 days.
Enter 'yes' or 'no':
yes
Awesome, you skipped the long queues with Cakereations express!
Your final order details are:
1) Order: 3-layer opera cake   Dietary requirements: none   Cake Price: $160.00
Message on cake: Happy Birthday
Total cost: $160.00
Additional candle: yes
Final price: $220.50
-----
Delivery address: 405/29 Elk St, Melbourne, VIC 3094
Express service: yes
-----
In order to confirm order, enter 'confirm'
confirm
1) Order: 3-layer opera cake   Dietary requirements: none   Cake Price: $160.00
```

vi. Sample invoice:

```

Sat Jun 11 15.18.23 AEST 2022.txt U X
Individual_Programming_1 > Sat Jun 11 15.18.23 AEST 2022.txt
1 -----Invoice-----
2 Cake 1: Order: 3-layer opera cake Dietary requirements: none Cake Price: $160.00
3 Message on cake: Happy Birthday
4 Total Cost: $160.00 Additional candle: yes
5 Express delivery: yes
6 Final Price: $220.50
7 -----End Invoice-----
8
9
10
11 -----Cake Order-----
12
13 Order: 3-layer opera cake Dietary requirements: none Cake Price: $160.00
14 Message on cake: Happy Birthday
15
16 -----
17
```