General instructions to use the application:

To run this application, the user needs to have Java SDK installed on their machine.

The main method for this program is in the 'Mmks' class that needs to be configured and run.

While running, there are few files that are required. As currently no functionality is available for adding new customers to the application, all customer data must already be present in the customers.txt file. All meal data is in meals.txt file and data regarding the mealkits of the customers is in their specific file that is named 'kits_<customerId>.txt'.

To go through the system, the user mainly needs to provide numeric inputs to choose the menu items and only requires more detailed information in cases such as login or entering their payment information.

```
******** WELCOME ********
1. Login
Please enter 1 to log in and 0 to exit
1


Enter login details or press '0' to go back
Enter Email ID: customer@student.monash.edu


Enter Password: Monash1234


Successfully Logged in
```

When the application is run, the user is prompted with a screen that asks them to login to the system or they can exit if they do not want to login.

The user has to enter their email id and password and it should match the details as given in the customers.txt file.

Upon successful login, the user is taken to a screen that allows them to manage their orders.

```
******** ORDER MANAGEMENT ********
1. View Past Meals
2. View Upcoming Meals
3. View & Modify Current Meals
4. View Achievements
5. Help
Enter '0' to go Back
Please enter from the above options

1

Past Weeks' Meal Kit:

    Date: 03/05/2022
(1)Mac & Cheese (V)
(2)Lemon Garlic Chicken (C)
(3)Pesto Chicken and Veggie (C)
    Serving Size: 2

    Date: 09/05/2022
(1)Mac & Cheese (V)
(2)Black Bean Soup (VG)
(3)Lemon Garlic Chicken (C)
(4)Pesto Chicken and Veggie (C)
    Serving Size: 2
```

In order management, they are provided with several options to choose from. The user needs to enter the serial number from the menu. Any incorrect value that is not present in the menu will display an error message stating the invalid input and ask the user to try again.

Option 1. shows the past 2 week's meal kits that the user has ordered along with the date and serving size of the mealkits. All the meals that the user has opted for in the past 2 weeks are displayed along with the type of meal it is.

```
********* ORDER MANAGEMENT *********
1. View Past Meals
2. View Upcoming Meals
3. View & Modify Current Meals
4. View Achievements
5. Help
Enter '0' to go Back
Please enter from the above options

2

Upcoming Weeks' Meal Kit:

    Date: 24/05/2022
(1)Mac & Cheese (V)
(2)Black Bean Soup (VG)
(3)Lemon Garlic Chicken (C)
(4)Pesto Chicken and Veggie (C)
    Serving Size: 2

    Date: 31/05/2022
(1)Mac & Cheese (V)
(2)Black Bean Soup (VG)
(3)Pesto Chicken and Veggie (C)
    Serving Size: 4
```

Option 2 provides the user with a view of the upcoming 2 week's meal kit. It works in a similar manner to option 1.

```
********* ORDER MANAGEMENT *********

********* UPCOMING MEAL MENU *********
1. View Current Weeks Meals
2. Modify Current Weeks Meals
Enter '0' to go Back
Please enter from the above options

1

Current Week's Meal Kit:
Current Week          Date: 16/05/2022
(1)Black Bean Soup (VG)
(2)Lemon Garlic Chicken (C)
(3)Pesto Lamb and Veggie (L)
    Serving Size: 4


********* UPCOMING MEAL MENU *********
1. View Current Weeks Meals
2. Modify Current Weeks Meals
Enter '0' to go Back
Please enter from the above options
```

Option 3 is regarding the current week's meal kit and allows the user to view the meal kit and also make any required changes to the meal kit.

It displays the current week's meal kit along with meals, serving size etc.

```
********* UPCOMING MEAL MENU *********
1. View Current Weeks Meals
2. Modify Current Weeks Meals
Enter '0' to go Back
Please enter from the above options


2



********* MODIFY CURRENT MEALS *********
1. Edit Meals
2. Skip This Week
3. Change Serving Size
4. Confirm and Continue to Make Payment
Enter '0' to go Back
Please enter from the above options
```

User has 2 options from this screen - To view the current meal kit or to modify it.

```
********* EDIT MEALS *********
1. Add Meals
2. Change Meal Preference Type
Enter '0' to go Back
Please enter from the above options


1


Current Week        Date: 16/05/2022
(1)Black Bean Soup (VG)
(2)Lemon Garlic Chicken (C)
(3)Pesto Lamb and Veggie (L)
      Serving Size: 4

Meal Menu:
(1) Mac & Cheese (V)
(2) Black Bean Soup (VG)
(3) Lemon Garlic Chicken (C)
(4) Pesto Chicken and Veggie (C)
(5) Thai Pumpkin Soup (VG)
(6) Roast Chicken (C)
(7) Vegan Banana Pancake (VG)
(8) Italian Chicken (C)
(9) Chicken Steak & Potato Hash (C)
(10) Cacio e Pepe (V)
Please enter the serial number meals you would like to add (add up to 10 meals)
Enter 0 to go back
```

The "modify" menu has options to edit, skip, change size, or confirm and pay for the meal kit. All inputs required are numeric and correspond to the menu options.

```
********* MODIFY CURRENT MEALS *********
1. Edit Meals
2. Skip This Week
3. Change Serving Size
4. Confirm and Continue to Make Payment
Enter '0' to go Back
Please enter from the above options


1




********* EDIT MEALS *********
1. Add Meals
2. Change Meal Preference Type
Enter '0' to go Back
Please enter from the above options
```

Edit meals options allows the user to add meals. to the kit. There is a maximum of 10 meals that can be added to any meal kit.

The current mealkit data is shown.

A list of all available meals from the meal database is also for the user to pick from.

```
Current Week         Date: 16/05/2022
(1)Black Bean Soup (VG)
(2)Lemon Garlic Chicken (C)
(3)Pesto Lamb and Veggie (L)
(4)Lemon Garlic Chicken (C)
(5)Pesto Chicken and Veggie (C)
     Serving Size: 4

Meal Menu:
(1) Mac & Cheese (V)
(2) Black Bean Soup (VG)
(3) Lemon Garlic Chicken (C)
(4) Pesto Chicken and Veggie (C)
(5) Thai Pumpkin Soup (VG)
(6) Roast Chicken (C)
(7) Vegan Banana Pancake (VG)
(8) Italian Chicken (C)
(9) Chicken Steak & Potato Hash (C)
(10) Cacio e Pepe (V)
Please enter the serial number meals you would like to add (add up to 10 meals)
Enter 0 to go back

0


********* EDIT MEALS *********
1. Add Meals
2. Change Meal Preference Type
Enter '0' to go Back
```

Select the meal to be added to the current meal kit.

```
********* EDIT MEALS *********
1. Add Meals
2. Change Meal Preference Type
Enter '0' to go Back
Please enter from the above options


2

Current Week         Date: 16/05/2022
(1)Black Bean Soup (VG)
(2)Lemon Garlic Chicken (C)
(3)Pesto Lamb and Veggie (L)
(4)Lemon Garlic Chicken (C)
(5)Pesto Chicken and Veggie (C)
     Serving Size: 4

Please select from a meal above or 0 to go back:
1


The meal you have selected is tagged as V or VG and source of protein can not be added.
```

Once added, it shows the updated meal kit and a message telling the meal has been added.

We can also change the meal preference, i.e, the protein source for certain meals. Any meals marked with V or VG cannot be changed as they have a fixed protein source. Chicken can be changed to Lamb or Beef at an added cost.

s

```
Please enter the serial number meals you would like to add (add up to 10 meals)
Enter 0 to go back

4

Current Week          Date: 16/05/2022
(1)Black Bean Soup (VG)
(2)Lemon Garlic Chicken (C)
(3)Pesto Lamb and Veggie (L)
(4)Lemon Garlic Chicken (C)
(5)Pesto Chicken and Veggie (C)
     Serving Size: 4

Meal Added
```

Select the meal you want to change the protein for

Choose the protein of your choice for the meal and it will change the protein and update the current mealkit.

```
********* EDIT MEALS *********
1. Add Meals
2. Change Meal Preference Type
Enter '0' to go Back
Please enter from the above options

2


Current Week          Date: 16/05/2022
(1)Black Bean Soup (VG)
(2)Lemon Garlic Chicken (C)
(3)Pesto Lamb and Veggie (L)
(4)Lemon Garlic Chicken (C)
(5)Pesto Chicken and Veggie (C)
     Serving Size: 4

Please select from a meal above or 0 to go back:
5
```

```
Enter you choice of protein from the below options




********* PROTEIN *********
1. LAMB
2. BEEF
3. CHICKEN
Enter '0' to go Back
Please enter from the above options

2

Protein Changed
Current Week          Date: 16/05/2022
(1)Black Bean Soup (VG)
(2)Lemon Garlic Chicken (C)
(3)Pesto Lamb and Veggie (L)
(4)Lemon Garlic Chicken (C)
(5)Pesto Beef and Veggie (B)
     Serving Size: 4
```

You can also choose to skip the week's meal kit

```
********* MODIFY CURRENT MEALS *********
1. Edit Meals
2. Skip This Week
3. Change Serving Size
4. Confirm and Continue to Make Payment
Enter '0' to go Back
Please enter from the above options


2



Current Week          cdfDate: 16/05/2022
Serving Size: 4          Status: This weeks meal is being Prepared
(1)Black Bean Soup (VG)
(2)Lemon Garlic Chicken (C)
(3)Pesto Lamb and Veggie (L)
(4)Lemon Garlic Chicken (C)
(5)Pesto Beef and Veggie (B)
Enter 1 to confirm to the skip this week or 0 to exit
1


This weeks meal has been successfully skipped
```

Confirm by selecting 1 to confirm or you can go back by pressing 0

```
This weeks meal has been successfully skipped
Current Week          cdfDate: 16/05/2022
Serving Size: 4          Status: This week has been Skipped
(1)Black Bean Soup (VG)
(2)Lemon Garlic Chicken (C)
(3)Pesto Lamb and Veggie (L)
(4)Lemon Garlic Chicken (C)
(5)Pesto Beef and Veggie (B)
```

```
******** UPCOMING MEAL MENU ********
1. View Current Weeks Meals
2. Modify Current Weeks Meals
Enter '0' to go Back
Please enter from the above options


2



You have chosen to skip this week's meal kit and so cannot modify it.
Do you want change re-subscribe to this weeks kit?
Yes(Y)
No(N)
 Press any other key to go back...
y



******** MODIFY CURRENT MEALS ********
1. Edit Meals
2. Skip This Week
3. Change Serving Size
4. Confirm and Continue to Make Payment
Enter '0' to go Back
Please enter from the above options
```

You can also resubscribe to the mealkit after skipping if required.

```
******** MODIFY CURRENT MEALS ********
1. Edit Meals
2. Skip This Week
3. Change Serving Size
4. Confirm and Continue to Make Payment
Enter '0' to go Back
Please enter from the above options

3


Current Week          Date: 16/05/2022
(1)Black Bean Soup (VG)
(2)Lemon Garlic Chicken (C)
(3)Pesto Lamb and Veggie (L)
(4)Lemon Garlic Chicken (C)
(5)Pesto Beef and Veggie (B)
     Serving Size: 4

1.Serving Size = 2
    Cost = $20
2. Serving Size = 4
    Cost = $30
Select from the above options to change serving size or 0 to go back
2

The serving size is already 4
```

You can change the serving size by selecting option 3 in the modify menu.

```
********* MODIFY CURRENT MEALS *********
1. Edit Meals
2. Skip This Week
3. Change Serving Size
4. Confirm and Continue to Make Payment
Enter '0' to go Back
Please enter from the above options


4


This weeks meal plan subscription
Current Week          Date: 16/05/2022
(1)Black Bean Soup (VG)
(2)Lemon Garlic Chicken (C)
(3)Pesto Lamb and Veggie (L)
(4)Lemon Garlic Chicken (C)
(5)Pesto Beef and Veggie (B)
     Serving Size: 2


Serving size =2
Total = $120


********* PAYMENT *********
1. To confirm and make payment
Enter 0 go back
Please enter from the above options
```

```
********* PAYMENT *********
1. To confirm and make payment
Enter 0 go back
Please enter from the above options


1


Enter Card Name: customer


Enter Card Number: 3654789654136542


Enter Card Expiry(MM/yy): 08/29


Enter Card CVV: 123


Your payment is confirmed. Your meals are on the way!
```

You can make payment and confirm your payment details. Once payment is made the mealkit is ready to be sent to you!

```
********* ORDER MANAGEMENT *********
1. View Past Meals
2. View Upcoming Meals
3. View & Modify Current Meals
4. View Achievements
5. Help
Enter '0' to go Back
Please enter from the above options


4


Enter Start Date (dd/mm/yyyy):
05/05/2022
Enter End Date (dd/mm/yyyy):
16/05/2022



********* ACHIEVEMENTS *********
1. Number of Meals prepared
Enter '0' to go Back
Please enter from the above options


1


Start Date: Thu May 05 2022  End Date: Mon May 16 2022
Number of meals: 4
Returning to previous menu
```

You can view achievements by entering the start and end date.

```
********* ORDER MANAGEMENT *********
1. View Past Meals
2. View Upcoming Meals
3. View & Modify Current Meals
4. View Achievements
5. Help
Enter '0' to go Back
Please enter from the above options

5

********* HELP *********
Monash Meal Kit System is used to provide a weekly subscription of meals for students of
Monash University.
Once a student has logged in, they can view meals from their past 2 weeks, meals of their upcoming 2
weeks and make any changes as they deem necessary for the current week's meal kit.
To make any changes to the meal kit, students need to go to the 'Current Week's Meal' section under
'Upcoming meals'.
Students can choose to skip the meal kit for that week, they can choose how many meals they require
(3 meals a week being the minimum and 10 meals being the maximum)
Each meal comes by default with 2 servings.
Student can choose between 2 and 4 servings per meal.
2 Servings = $20     4 Servings = $30
Meals are marked with their types:
Vegetarian(V)
Vegan(VG)
Chicken(C)
Lamb(L)
Beef(B)
```

For any help, you can select 5 in the main menu.