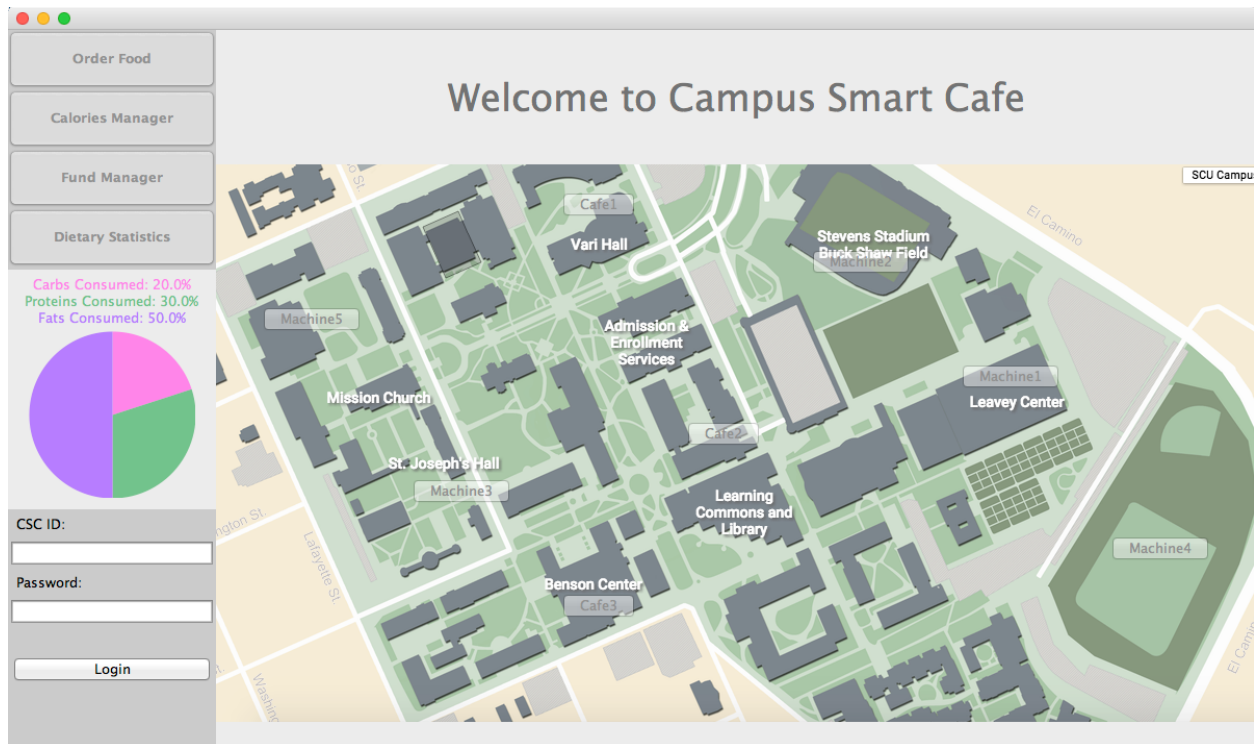# Smart Campus Cafe Project
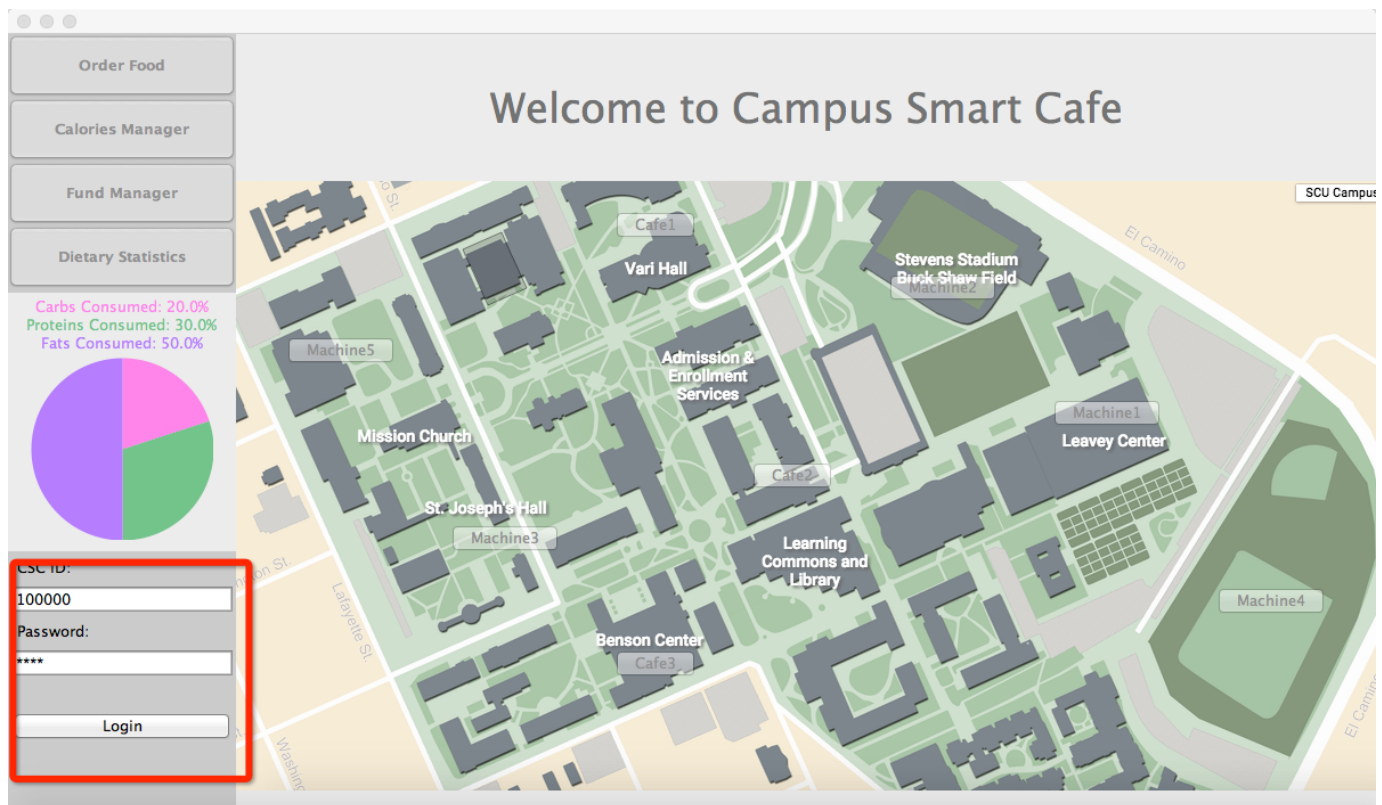
Qian Yang (W1096353)
Yishu Chen (W1094592)

1. Launch the application via Eclipse


2. Key in the CSC ID and password to login. The features won't be enabled before logged in.

Welcome to Campus Smart Cafe

Order Food

Calories Manager

Fund Manager

Dietary Statistics

Carbs Consumed: 20.0%
Proteins Consumed: 30.0%
Fats Consumed: 50.0%

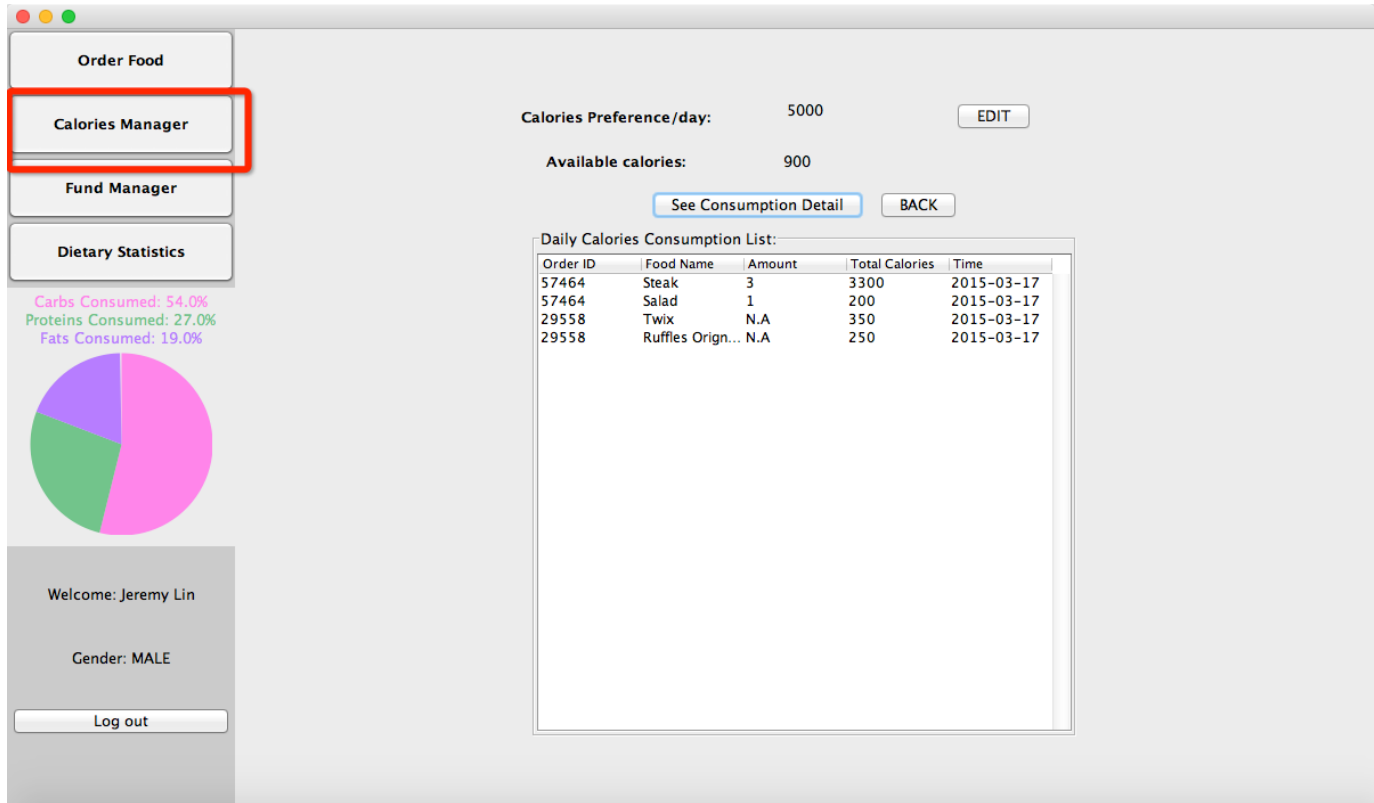CSC ID:
100000
Password:
****

Login

3. After successfully logged in, the user name and gender will be displayed. Also all features will be enabled. On the left section, it also shows the nutrition pie for user's intake for today. The pie chart will
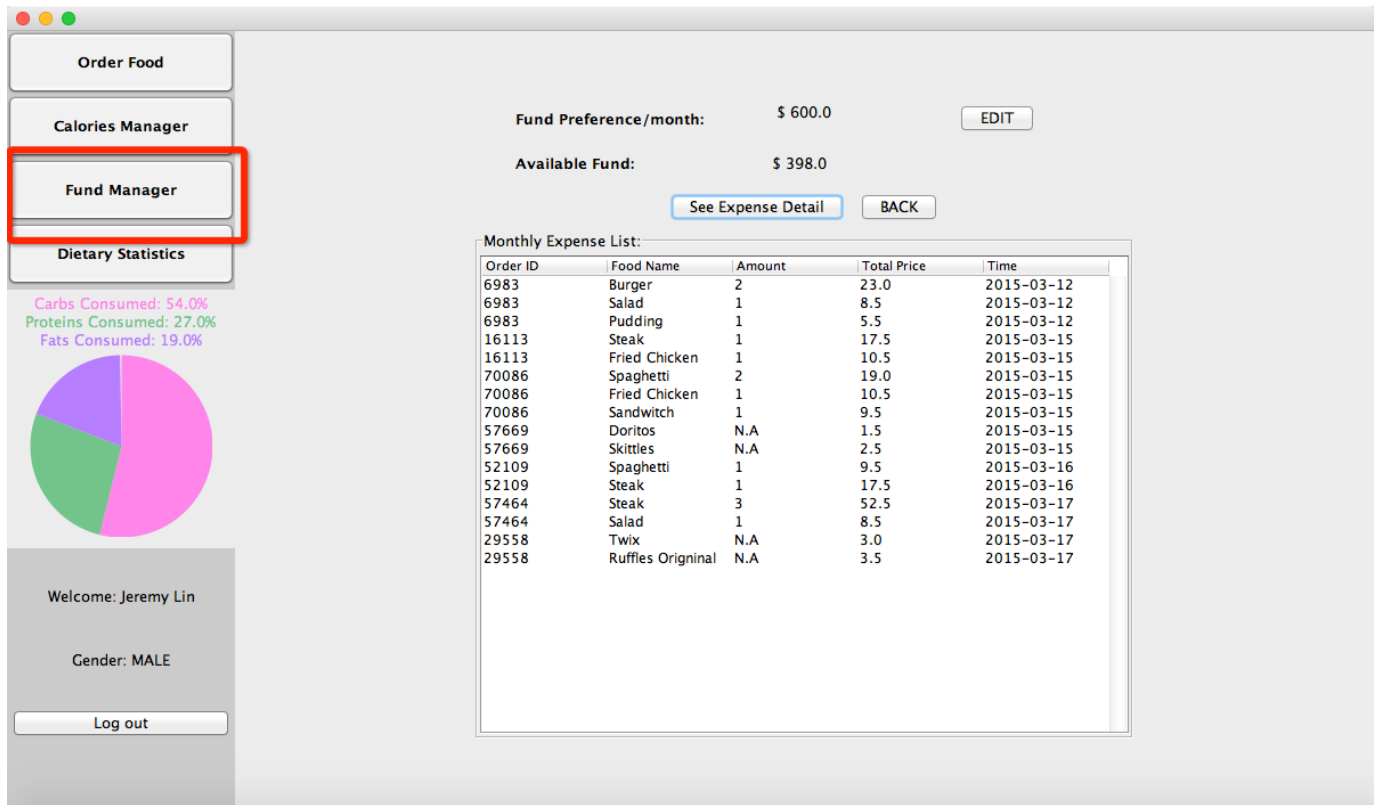
change dynamically as user orders more food.
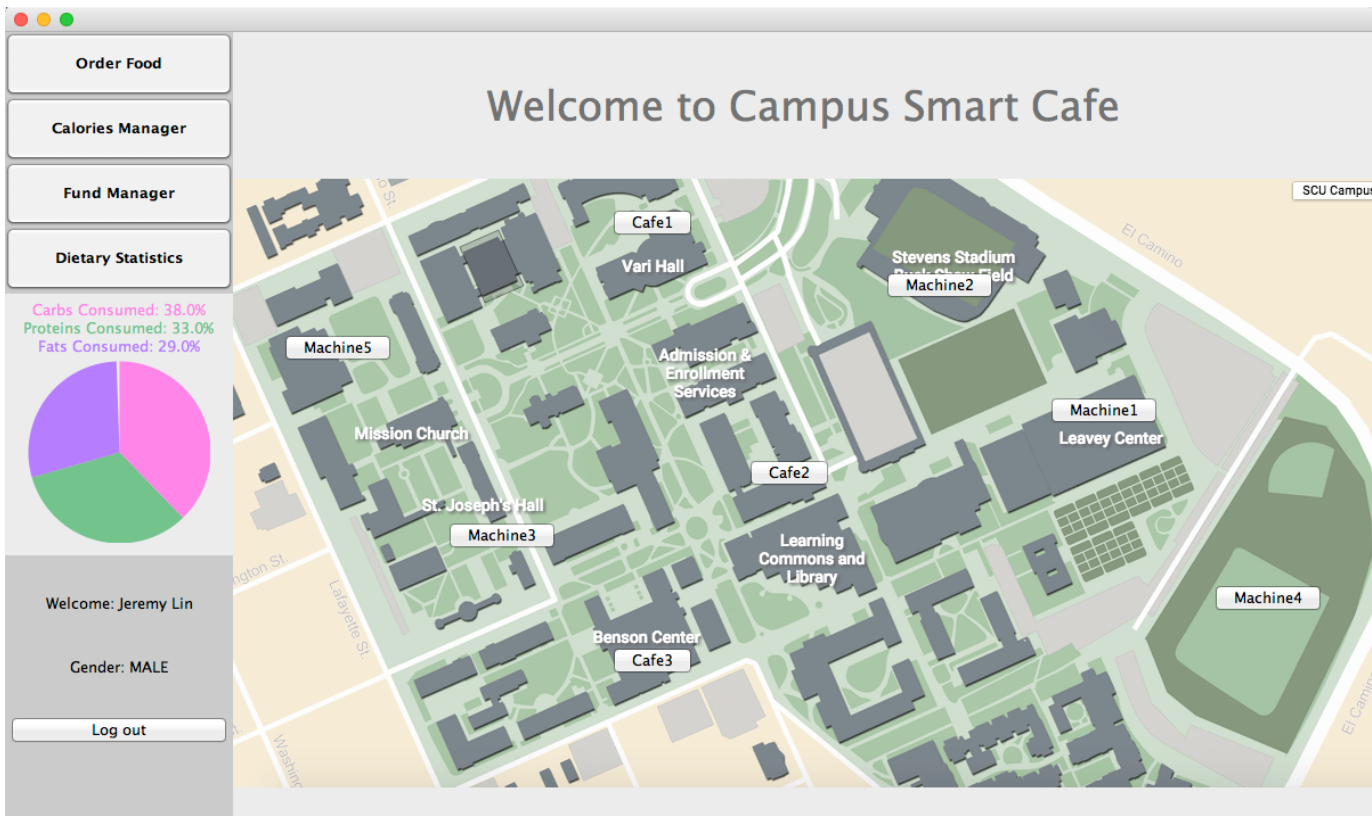
4. User can click "Calories Manager" on the left section to view/ set calories preference. User can also view today's purchase history and calories consumption details by clicking "See Consumption Detail" button

Order ID	Food Name	Amount	Total Calories	Time
57464	Steak	3	3300	2015-03-17
57464	Salad	1	200	2015-03-17
29558	Twix	N.A	350	2015-03-17
29558	Ruffles Orign...	N.A	250	2015-03-17

5. User can view/set fund preference via clicking the "Fund Manager" button on the left section. User can also view this month's purchase history and price details via clicking "See Expense Detail" button

Fund Preference/month: $ 600.0   EDIT

Available Fund: $ 398.0

See Expense Detail   BACK

Monthly Expense List:

Order ID	Food Name	Amount	Total Price	Time
6983	Burger	2	23.0	2015-03-12
6983	Salad	1	8.5	2015-03-12
6983	Pudding	1	5.5	2015-03-12
16113	Steak	1	17.5	2015-03-15
16113	Fried Chicken	1	10.5	2015-03-15
70086	Spaghetti	2	19.0	2015-03-15
70086	Fried Chicken	1	10.5	2015-03-15
70086	Sandwitch	1	9.5	2015-03-15
57669	Doritos	N.A	1.5	2015-03-15
57669	Skittles	N.A	2.5	2015-03-15
52109	Spaghetti	1	9.5	2015-03-16
52109	Steak	1	17.5	2015-03-16
57464	Steak	3	52.5	2015-03-17
57464	Salad	1	8.5	2015-03-17
29558	Twix	N.A	3.0	2015-03-17
29558	Ruffles Origninal	N.A	3.5	2015-03-17

Order Food

Calories Manager
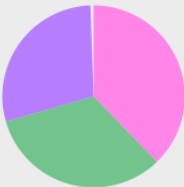
Fund Manager

Dietary Statistics

Carbs Consumed: 54.0%
Proteins Consumed: 27.0%
Fats Consumed: 19.0%

Welcome: Jeremy Lin

Gender: MALE

Log out

6. By clicking "Order Food", user can go back to the map view and select venue to order food. Once user clicked one of the button on the map, he will be redirected to the menu page. menu page differs depends on whether user selected cafe or vending machine.

1) Cafe Menu

2) Vending Machine Menu

Vending Machine Menu

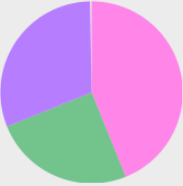| Selected	Name	Price	Calories	Fat / Protein / Carbs
☐	Coca Cola	2.5	150	50 / 0 / 100
☐	Drake's Apple Pie	2.5	250	50 / 0 / 20
☐	Austin Cheese Crackers	2.0	350	50 / 0 / 300
☐	Pop-Tarts Frosted Strawberry	1.5	400	50 / 0 / 350
☐	Doritos	1.5	300	20 / 10 / 270
☐	Skittles	2.5	350	60 / 10 / 280
☐	Twix	3.0	350	60 / 10 / 280
☐	Ruffles Origninal	3.5	250	50 / 0 / 200
☐	Cheetos Crunchy	2.5	300	50 / 0 / 250
☐	Water	1.5	20	0 / 0 / 20
☐	Spakling Water	2.5	50	10 / 0 / 40
☐	Sprite	2.5	250	20 / 0 / 230
☐	Cookies	2.0	300	50 / 0 / 250

Submit

Back to homepage

Order Food

Calories Manager

Fund Manager

Dietary Statistics

Carbs Consumed: 44.0%
Proteins Consumed: 25.0%
Fats Consumed: 31.0%

Welcome: Jeremy Lin

Gender: MALE

Log out

7. User can order food by checking the "Selected" checkbox on the left. After selecting all food, click the "Submit" button. If the calories or bill for the order exceeds the preference setting, window will be popped out to prevent ordering.

Cafe Menu

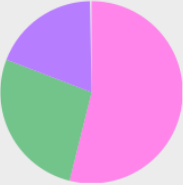| Selected	Name	Price	Calories	Amount	Fat / Protein / Carbs
☐	Pizza	10.5	700	1 ⬍	100 / 100 / 500
☐	Burger	11.5	800	1 ⬍	400 / 100 / 300
☑	Spaghetti	9.5	600	1 ⬍	50 / 150 / 400
☑	Steak	17.5	1100	1 ⬍	200 / 500 / 400
				⬍	300 / 100 / 300
☐				⬍	30 / 20 / 150
☐				⬍	200 / 50 / 150
☐				⬍	150 / 200 / 350
☐	Pudding	5.5	250	1 ⬍	40 / 10 / 200
☐	Pecking Duck	15.5	1700	1 ⬍	500 / 700 / 500
☐	Noodle	7.5	600	1 ⬍	300 / 100 / 200

Order Food

Calories Manager

Fund Manager

Dietary Statistics

Carbs Consumed: 54.0%
Proteins Consumed: 27.0%
Fats Consumed: 19.0%

Welcome: Jeremy Lin

Gender: MALE

Log out

Message

Calories quota insufficient. Set preference via 'Calories Manager'

OK

Submit

Back to homepage

8. If it meets preference setting, a confirmation page will be showed to suggest successful ordering.
   1) for CAFE order , the pickup time, location, order id and order details will be displayed.

Order Food

Calories Manager

Fund Manager

Dietary Statistics

Carbs Consumed: 48.0%
Proteins Consumed: 29.0%
Fats Consumed: 23.0%

Welcome: Jeremy Lin

Gender: MALE

Log out

Order Confirmation

Pick Up Time: 10 mins

Order Number: 52781

Location: Vari Hall 2rd Floor

Order Details:

1   Steak 2 pieces

2   Fried Chicken 1 pieces

3   Salad 1 pieces

Back to Homepage

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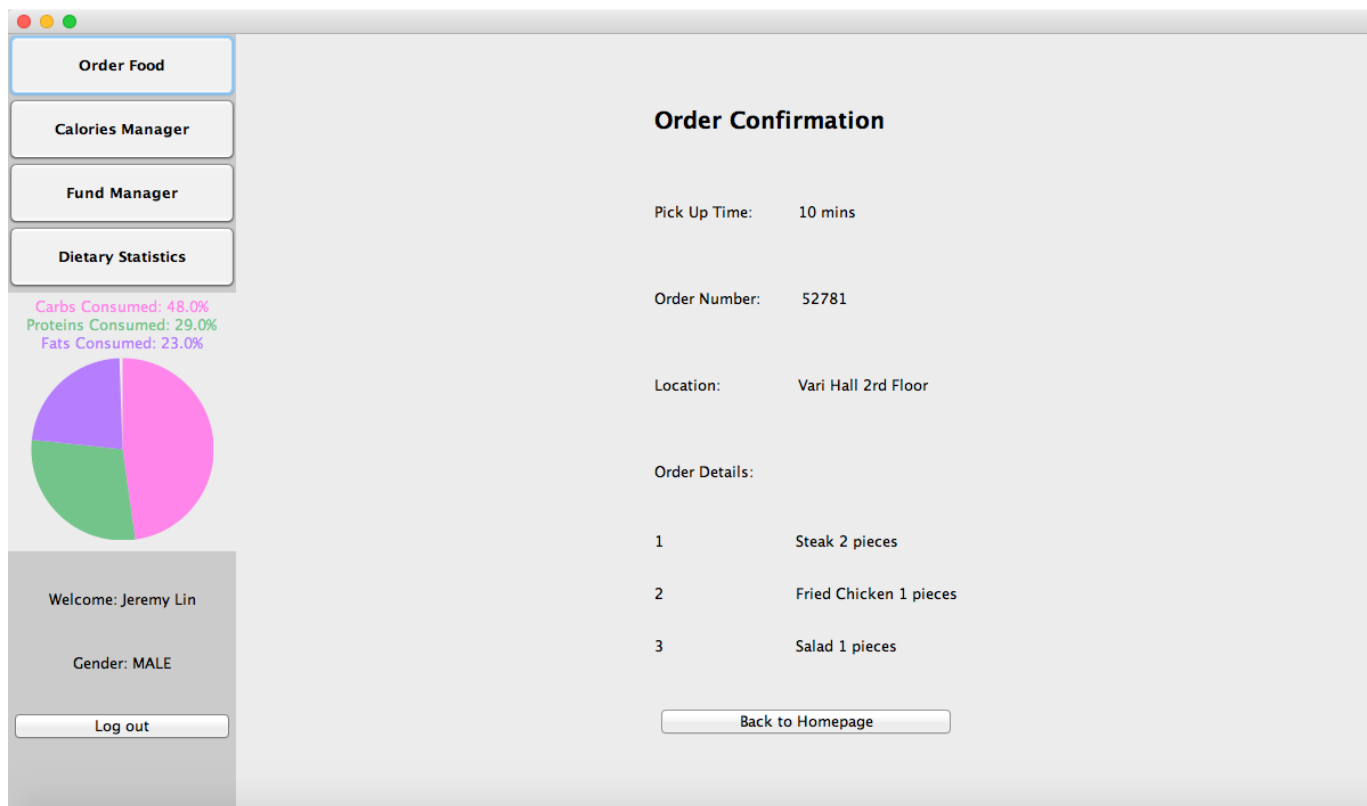
2) For Vending Machine order -

Order Food

Calories Manager

Fund Manager

Dietary Statistics

Carbs Consumed: 50.0%
Proteins Consumed: 22.0%
Fats Consumed: 28.0%

Welcome: Jeremy Lin

Gender: MALE

Log out

Order Confirmation

Thanks for purchasing. Press button to go back to homepage

Back to Homepage
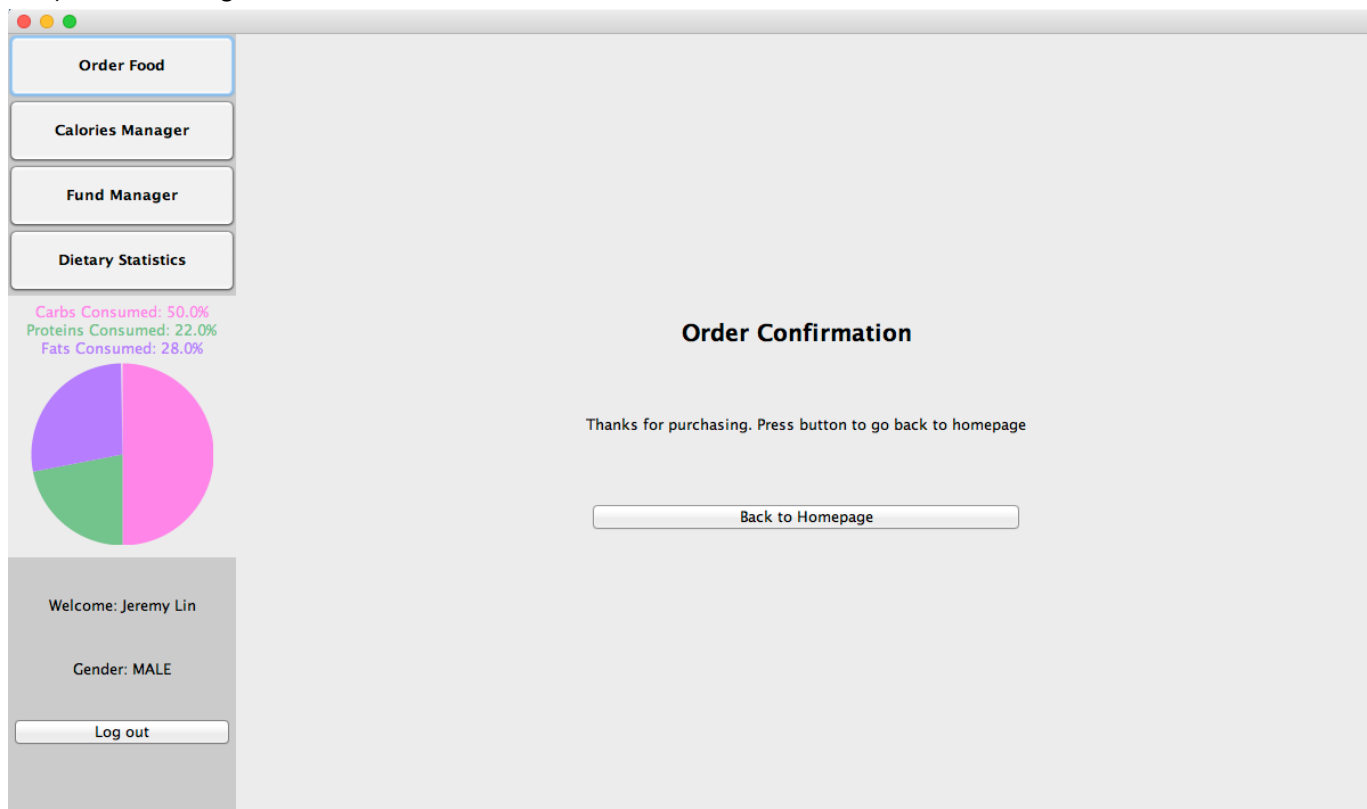
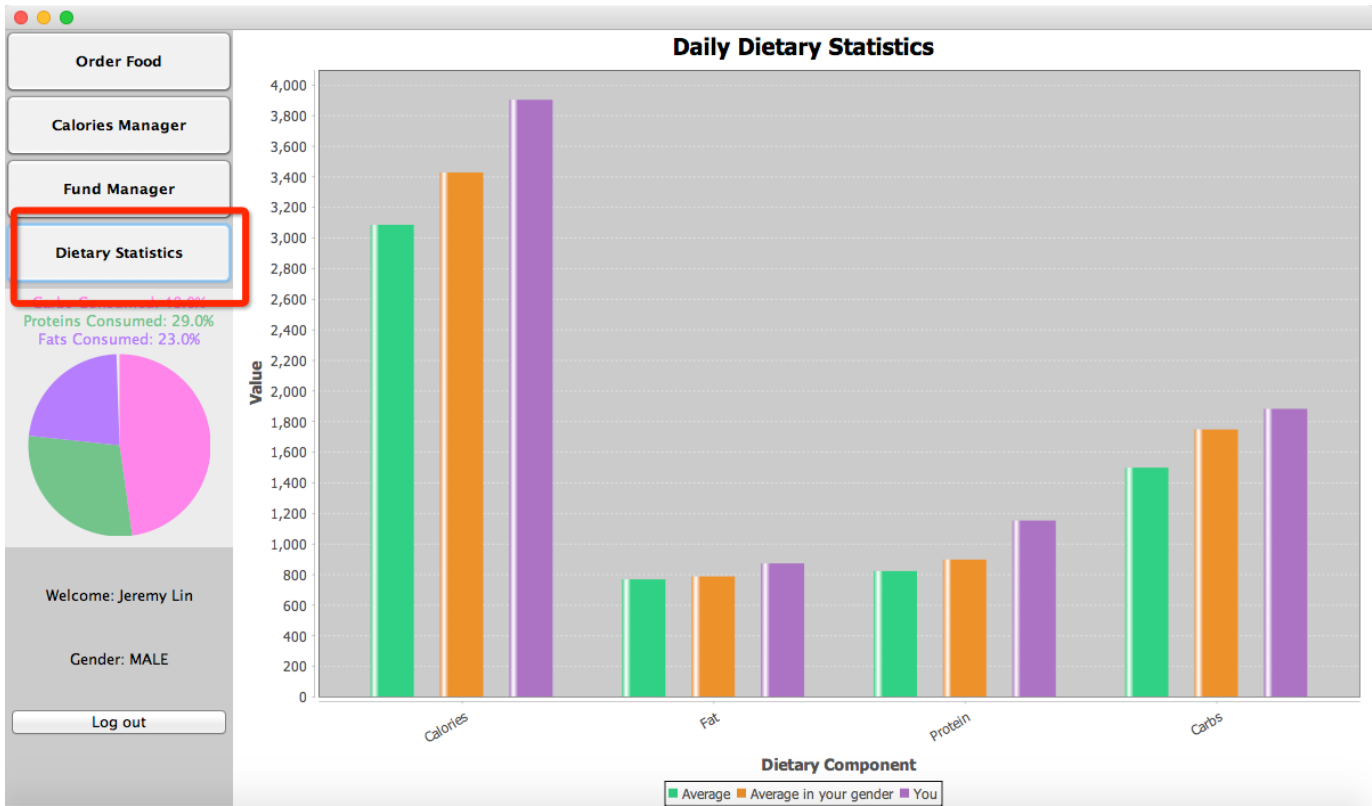9. By clicking "Dietary Statistics" button on the left section, user can view a bar chart. The bar chart shows current date's nutrition consumption (Calories, Protein, Fat, Carbs) for 1. all users in average (Green) 2. all users in your gender (in this case MALE) (Orange) 3. Yourself (Purple).

10. User can log out by click the "Log out" button on the lower left corner. It will logout the user from the system.

Welcome to Campus Smart Cafe

Order Food

Calories Manager

Fund Manager

Dietary Statistics

Carbs Consumed: 48.0%
Proteins Consumed: 29.0%
Fats Consumed: 23.0%

Welcome: Jeremy Lin

Gender: MALE

Log out

SCU Campus

Cafe1

Vari Hall

Stevens Stadium
Buck Shaw Field

Machine2

Machine5

Admission &
Enrollment
Services

Machine1

Leavey Center

Mission Church

Cafe2

St. Joseph's Hall

Machine3

Learning
Commons and
Library

Machine4

Benson Center

Cafe3

El Camino