

Campus Café

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COEN 275: Final Project Deliverable

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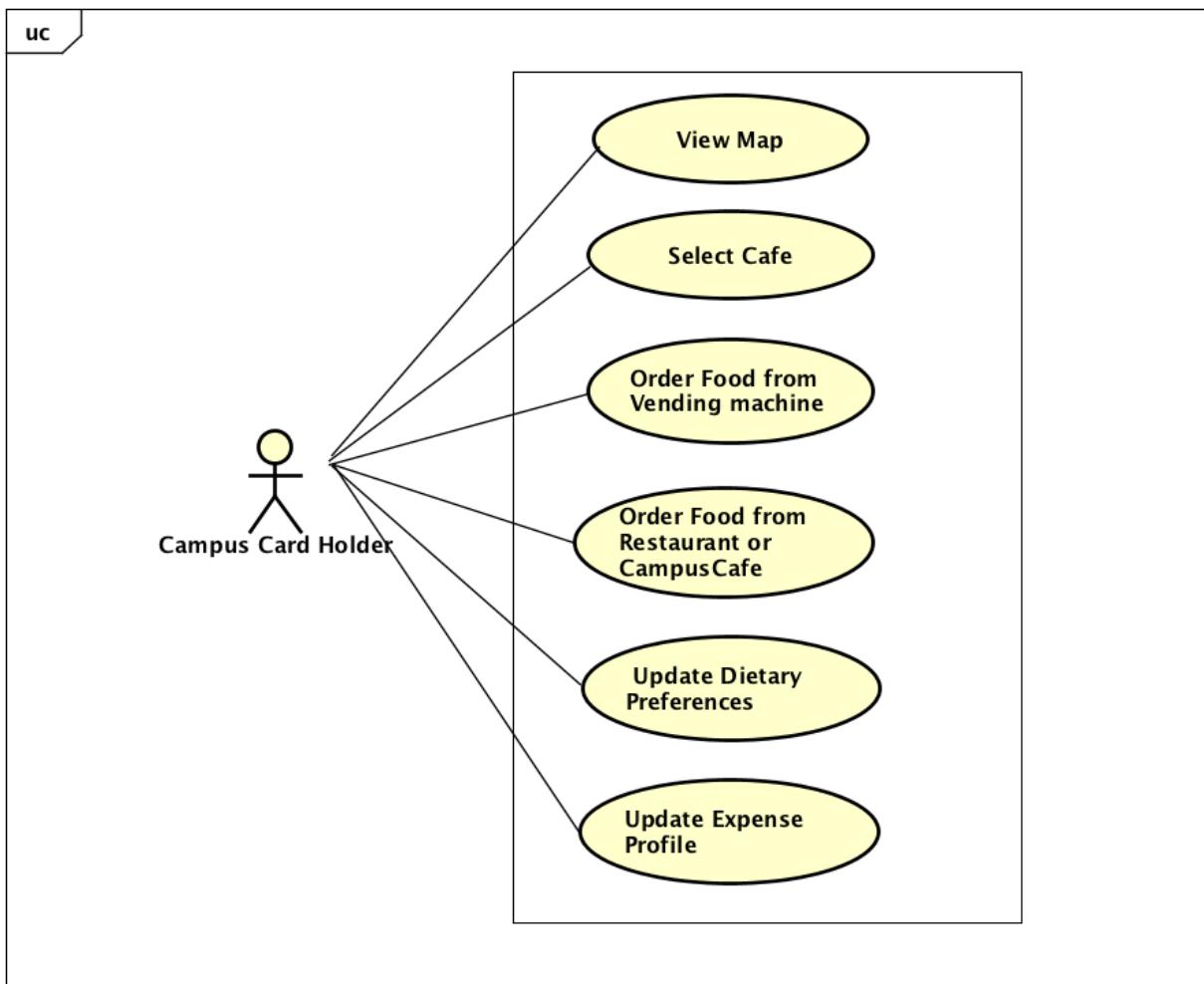
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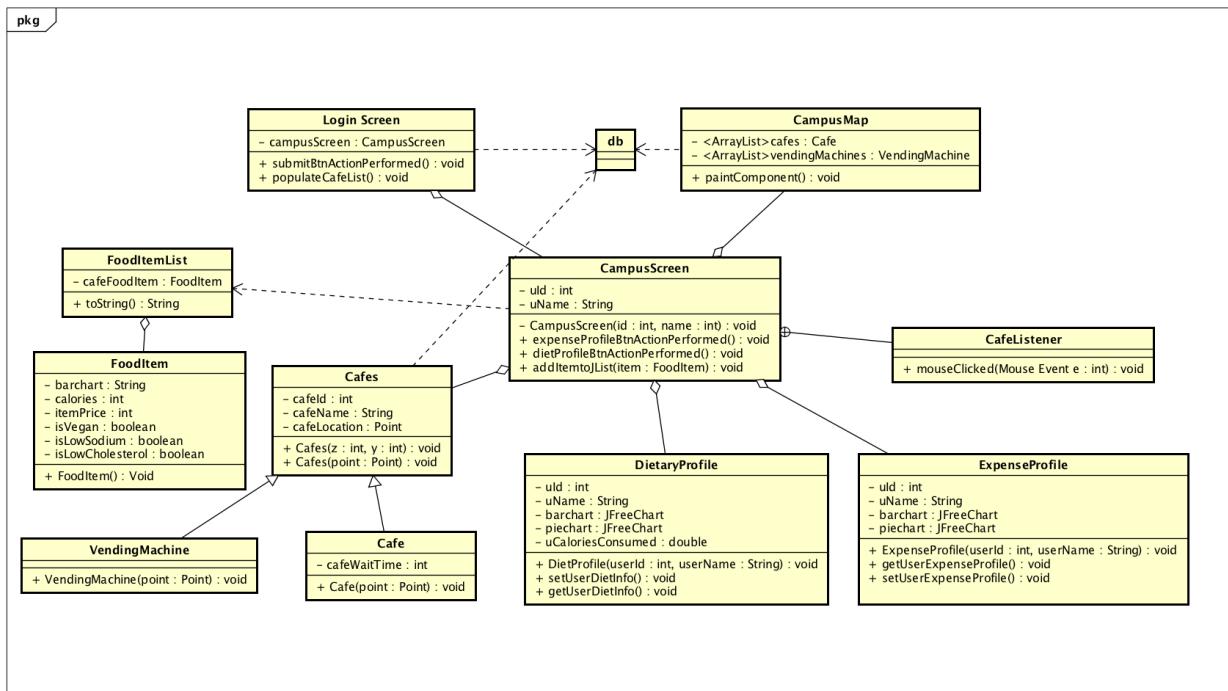
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1. Objective: Objective of campus smart cafe application is to provide user a secure platform for ordering food from campus café or vending machine by accessing campus map. User can also set his/her expense and dietary preferences. This application will also enable user to analyze his/her expense or dietary activities in form of pie chart and bar chart.

2. Use Case Diagram:

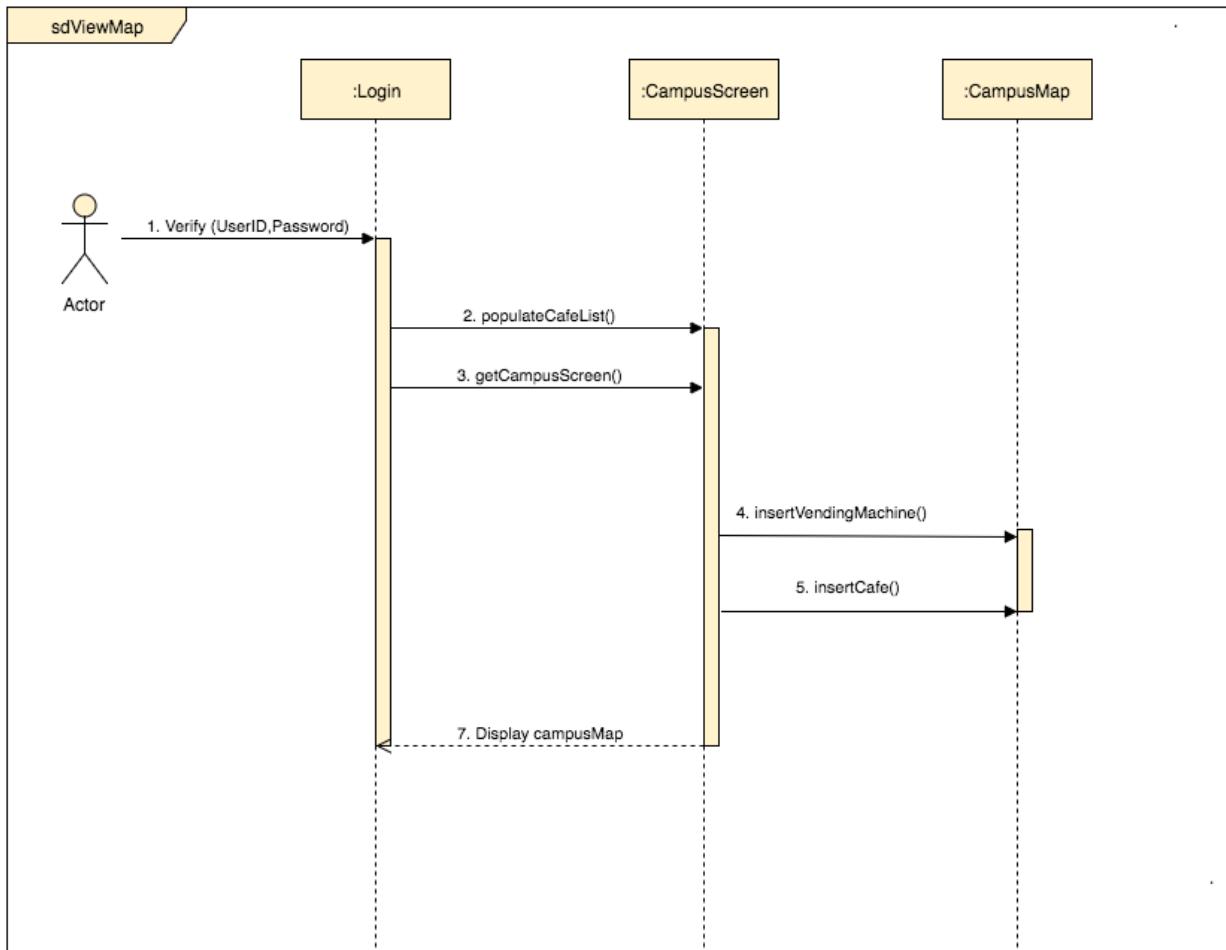


3. Class Diagram

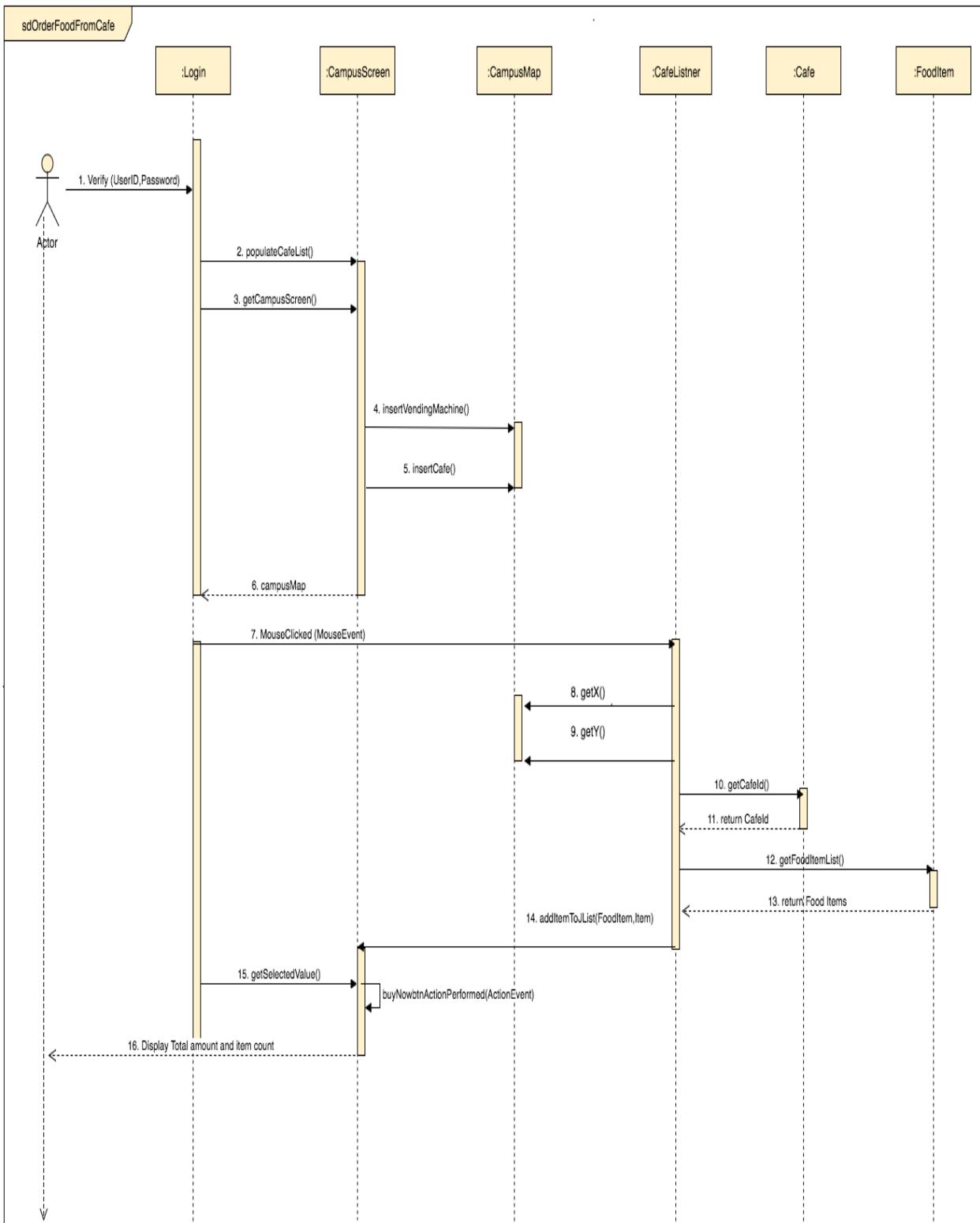


4. Sequence Diagram:

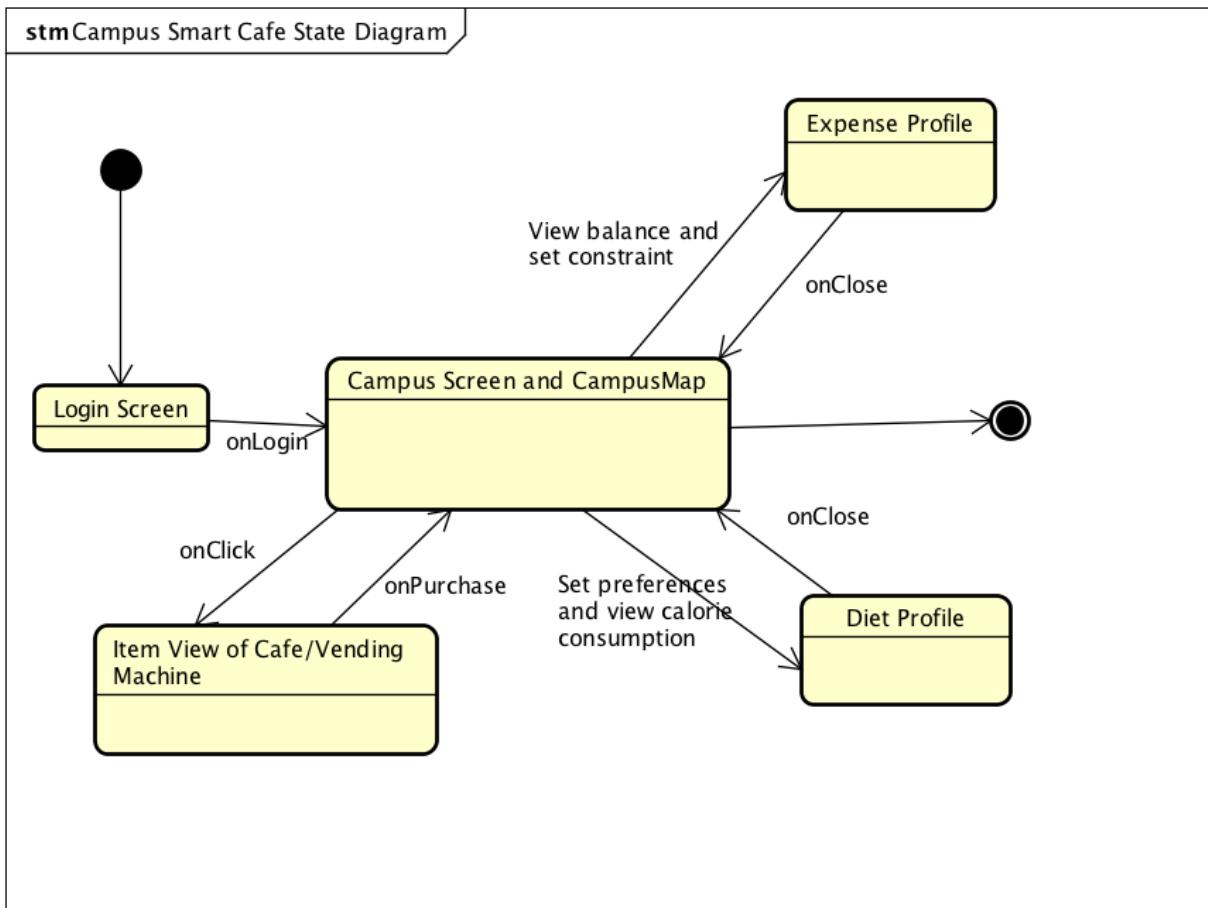
4.1 Sequence diagram of viewing map



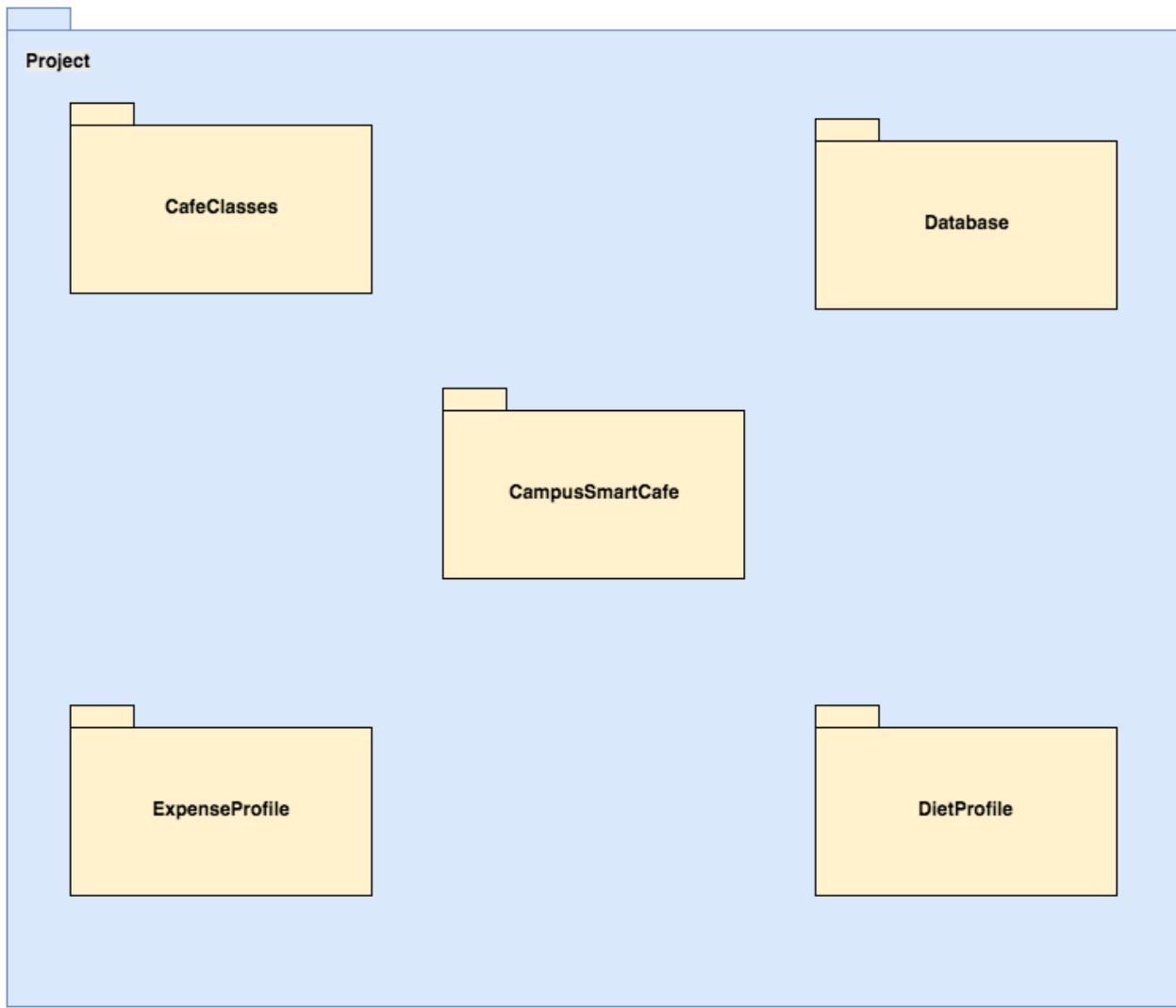
4.2 Sequence Diagram for ordering food from café



5. State Diagram



6. Package Diagram



Project package has CafeClasses, CampusSmartCafe, Database, DietProfile, ExpenseProfile packages in it.

CafeClasses package has

- Café.java
- Cafes.java
- CampusMap.java
- CampusScreen.java
- FoodItem.java
- FoodItemList.java
- LoginScreen.java
- VendingMachine.java

CampusSmartCafe package has

- CampusSmartCafe.java which contains main() method.

Database package has

- InitiateDB class

DietProfile package has

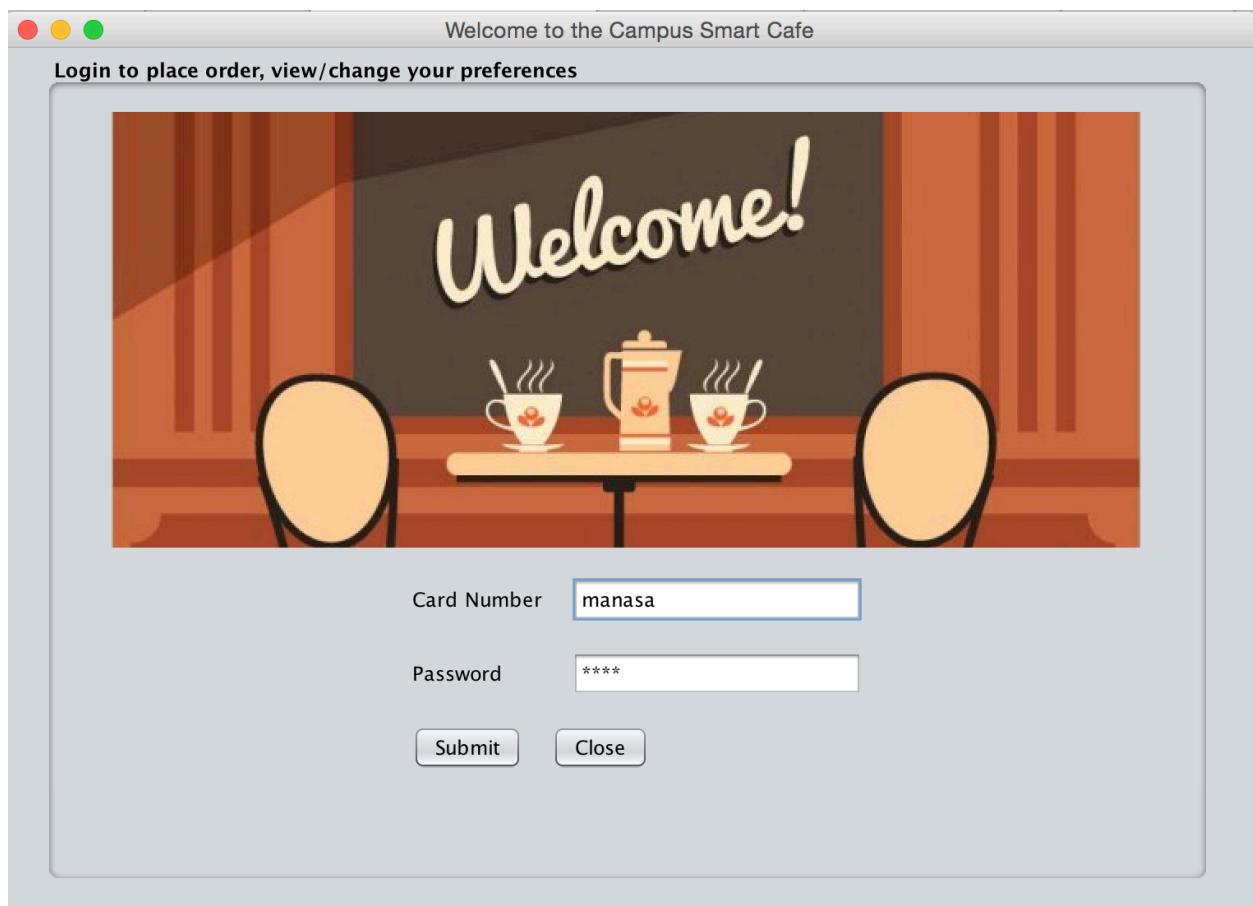
- DietProfile.java

ExpenseProfile package has

- ExpenseProfile.java

7. Screen Shots

Screen Shot 7.1



Screen Shot 7.2

Welcome to Campus Smart Cafe - manasa

Hello manasa! Your Diet Profile Your Expense Profile Sign out

Panda Express

Select an item to purchase

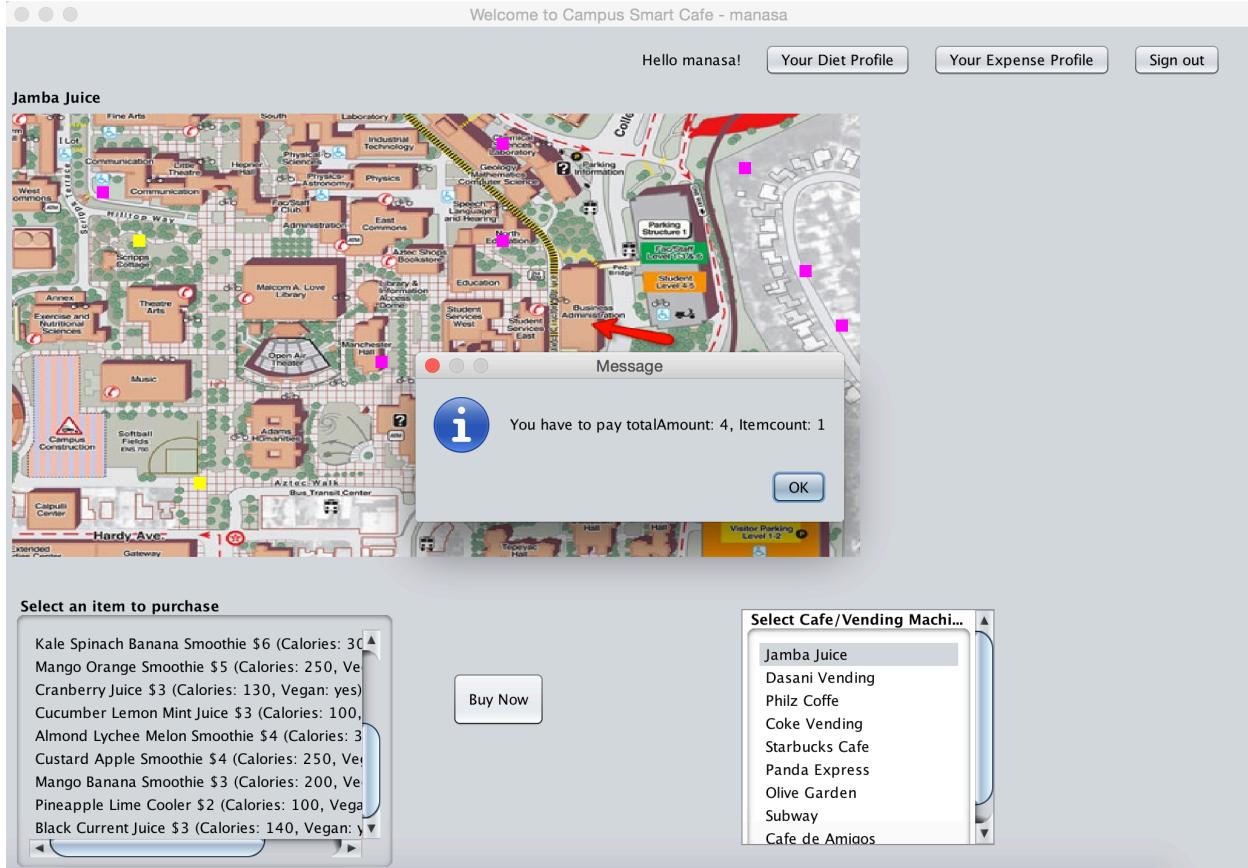
- Noodles \$15 (Calories: 400, Vegan: no)
- Spring Roll \$8 (Calories: 250, Vegan: no)
- Kung Pao Chicken \$12 (Calories: 500, Vegan: no)
- Honey Walnut Shrimp \$16 (Calories: 600, Vegan: no)
- Beef Tofu \$11 (Calories: 300, Vegan: no)
- Hot and sour soup \$10 (Calories: 100, Vegan: no)
- Panda express special \$20 (Calories: 600, Vegan: yes)
- Fortune Cookie \$1 (Calories: 50, Vegan: yes)
- Cheese Cake \$10 (Calories: 400, Vegan: no)

Buy Now

Select Cafe/Vending Machi...

- Jamba Juice
- Dasani Vending
- Philz Coffe
- Coke Vending
- Starbucks Cafe
- Panda Express
- Olive Garden
- Subway
- Cafe de Amigos

Screen Shot 7.3



Screen Shot 7.4

Welcome to Campus Smart Cafe - manasa

Hello manasa! Your Diet Profile Your Expense Profile Sign out

Jamba Juice

Message

Thanks for your order. Your order will be ready at Jamba Juice within 20 minutes

OK

Select an item to purchase

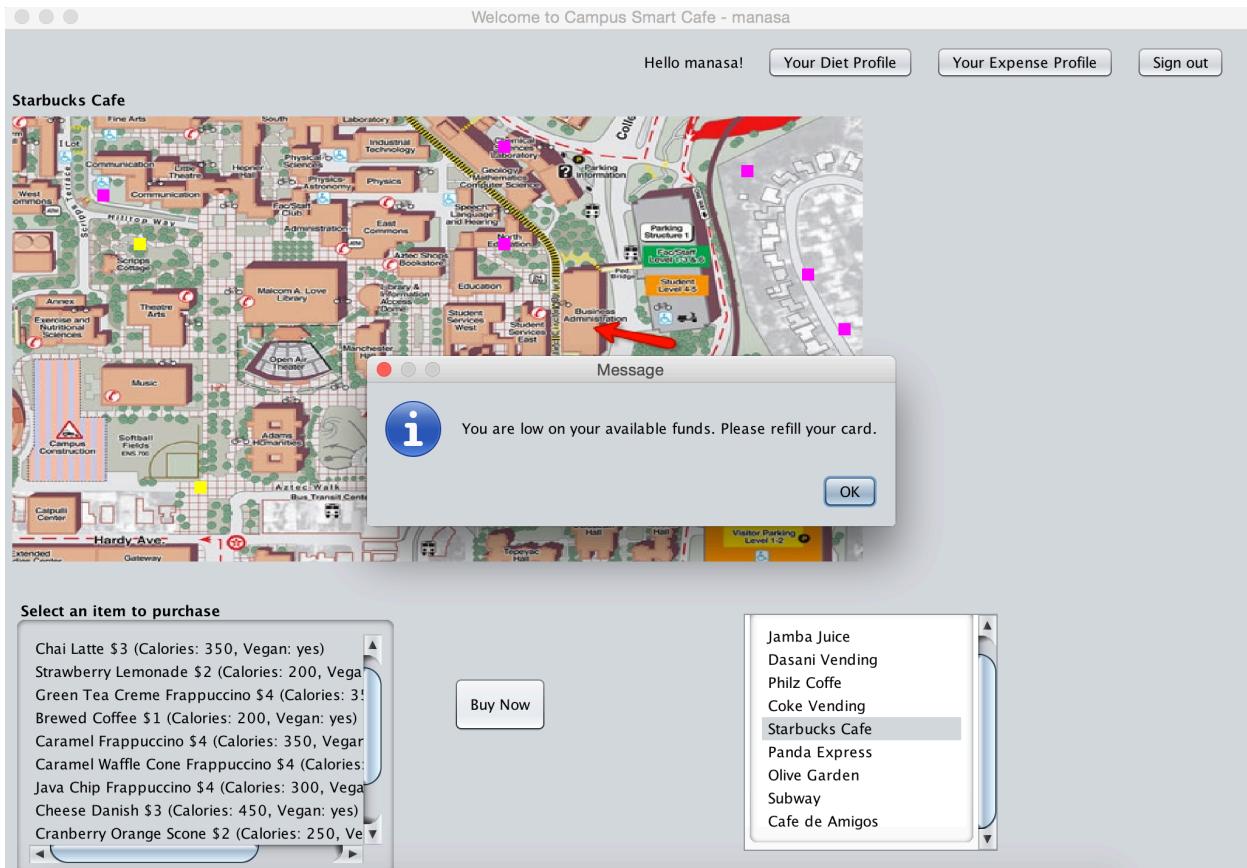
- Kale Spinach Banana Smoothie \$6 (Calories: 300)
- Mango Orange Smoothie \$5 (Calories: 250, Vegan: yes)
- Cranberry Juice \$3 (Calories: 130, Vegan: yes)
- Cucumber Lemon Mint Juice \$3 (Calories: 100, Vegan: yes)
- Almond Lychee Melon Smoothie \$4 (Calories: 300)
- Custard Apple Smoothie \$4 (Calories: 250, Vegan: yes)
- Mango Banana Smoothie \$3 (Calories: 200, Vegan: yes)
- Pineapple Lime Cooler \$2 (Calories: 100, Vegan: yes)
- Black Current Juice \$3 (Calories: 140, Vegan: yes)

Buy Now

Select Cafe/Vending Machi...

- Jamba Juice
- Dasani Vending
- Philz Coffe
- Coke Vending
- Starbucks Cafe
- Panda Express
- Olive Garden
- Subway
- Cafe de Amiaos

Screen Shot 7.5



Screen Shot 7.6

Welcome to Campus Smart Cafe - manasa

Hello manasa! Your Diet Profile Your Expense Profile Sign out

Cafe de Amigos

A message box is displayed in the center of the screen:

Message

Item: Salmon Burrito has high cholesterol

OK

Select an item to purchase

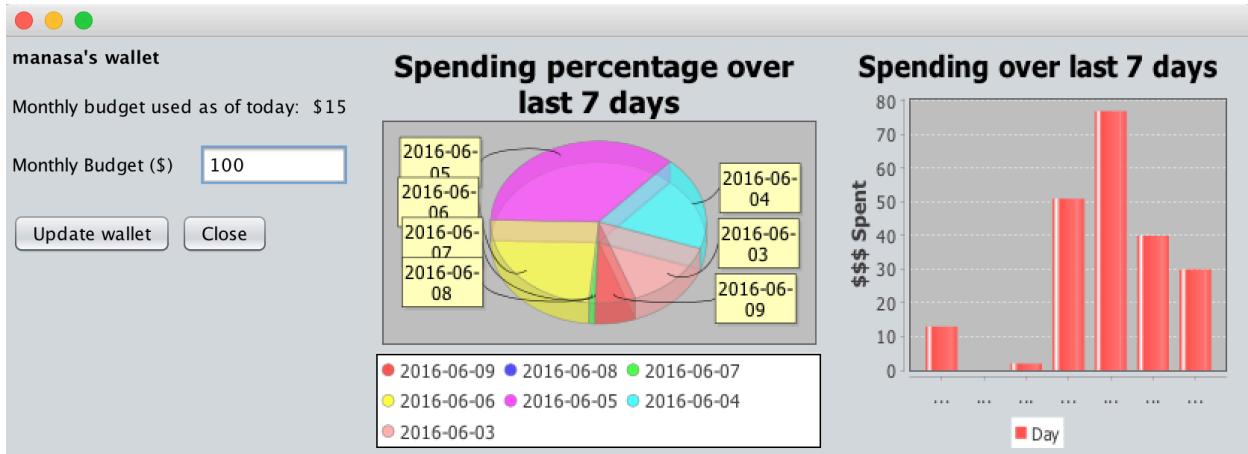
- Chicken Enchilada \$7 (Calories: 500, Vegan: no)
- Chips and Salsa \$7 (Calories: 150, Vegan: yes)
- Shrimp Burrito \$8 (Calories: 450, Vegan: no)
- Shrimp Enchilada \$9 (Calories: 500, Vegan: no)
- Veggie Burrito \$8 (Calories: 350, Vegan: yes)
- Veggie Enchilada \$9 (Calories: 400, Vegan: yes)
- Salmon Burrito \$5 (Calories: 650, Vegan: no)
- Salmon Enchilada \$6 (Calories: 700, Vegan: no)
- Cafe De Amigo Special \$7 (Calories: 900, Vegan: no)

Buy Now

Items available for purchase:

- Jamba Juice
- Dasani Vending
- Philz Coffe
- Coke Vending
- Starbucks Cafe
- Panda Express
- Olive Garden
- Subway
- Cafe de Amigos

Screen Shot 7.7



Screen Shot 7.8

