**MemberlessTeam final report**

**For comp1531 19T1 assignment**

Members:

Yanning Cao zid: z5135152

Katrina Ding zid: z5211336

Henry Sihavong zid: z5022821

## Section1 : user stories

Team Name: memberlessTeam

Give Date: 10 Mar 2019

Priority: low, medium, high

Story Points: 1 story point = 1 day

**Note: Text in red are the changes.**

**Epic story 1: As a customer, I would like to order and pay for my meal online.**

|  |  |
| --- | --- |
| ID: | US1 |
| Name: | Create a main online |
| **User-Story Description:**  As a customer, I want to be able to create a main online, so that I can choose the ingredients I want based on my preferences.  **Acceptance Criteria:**   * Two types of mains are offered: a burger or a wrap. * If customers want to order burger they have to choose from custom or standard burger. * A customer can choose number of buns if they choose to customize their burger (e.g., 3 buns for a double burger or 2 buns for a standard single burger) - the number of buns cannot exceed the maximum allowable limit: 4 (only single, double and triple burgers are permitted, so buns cannot be chosen more than 4 buns). * A customer can also choose number of patties. Here again, customers are restricted to the maximum allowable patties: 10. * Customers should be able to set the number of buns and patties by clicking the “Add” buttons. * Other ingredients of their choice should be provided such as tomato, lettuce, tomato sauce, cheddar cheese, Swiss cheese. * The price of the mains and ingredients are displayed after they enter the quantity. * Once a customer has completed their gourmet creation, the net price of their created main will be calculated based on the chosen ingredients and displayed to the customer. | |
| Priority | High |
| Size | 3 story points (1 point = 1 day) |

|  |  |
| --- | --- |
| ID: | US2 |
| Name: | Optionally order sides and drinks |
| **User-Story Description:**  As a customer, I would like to optionally order sides and drinks so I can add more variety to my meal and won't get thirsty.  **Acceptance Criteria:**   * Customers should be able to choose the size of sides and drinks. * The sides include 2 sizes of nuggets: large (6/pack) and small (3/pack) and three sizes of Fries: small (20g), medium (40g), large (60). * Lemonade can be either bottles (600ml) or cans (375ml). * Juice such as Orange Juice have two sizes: small (250 ml), medium (450 ml). * Sundae have 3 sizes small : 20g, medium: 30g, large: 40g | |
| Priority | Medium |
| Size | 2 story points (1 point = 1 day) |

|  |  |
| --- | --- |
| ID: | US3 |
| Name: | Checkout order |
| **User-Story Description:**  As a customer, I should be able to checkout so that my order is completed.  **Acceptance Criteria:**   * The order will be completed when customers click the “Confirm” button. * Once the customer checks out, a unique order-id will be displayed on screen along with their receipt. * The customer should have an option to enter in their email to have this receipt sent to them. | |
| Priority | low |
| Size | 1 story point (1 point = 1 day) |

|  |  |
| --- | --- |
| ID: | US4 |
| Name: | Check order status |
| **User-Story Description:**  As a customer, I should be able to check the status of my order at any point, so I know when to collect it.  **Acceptance Criteria:**   * Customer can check status at any time by entering their order Id even if they quit or close the browser and re-enter it. * Customer can see their ordered Items status and total price on the page. | |
| Priority | Medium |
| Size | 2 story point (1 point = 1 day) |

**Epic story 2: As a staff member, I would like to view and update the orders, so I know what orders to make and indicate when it's done**

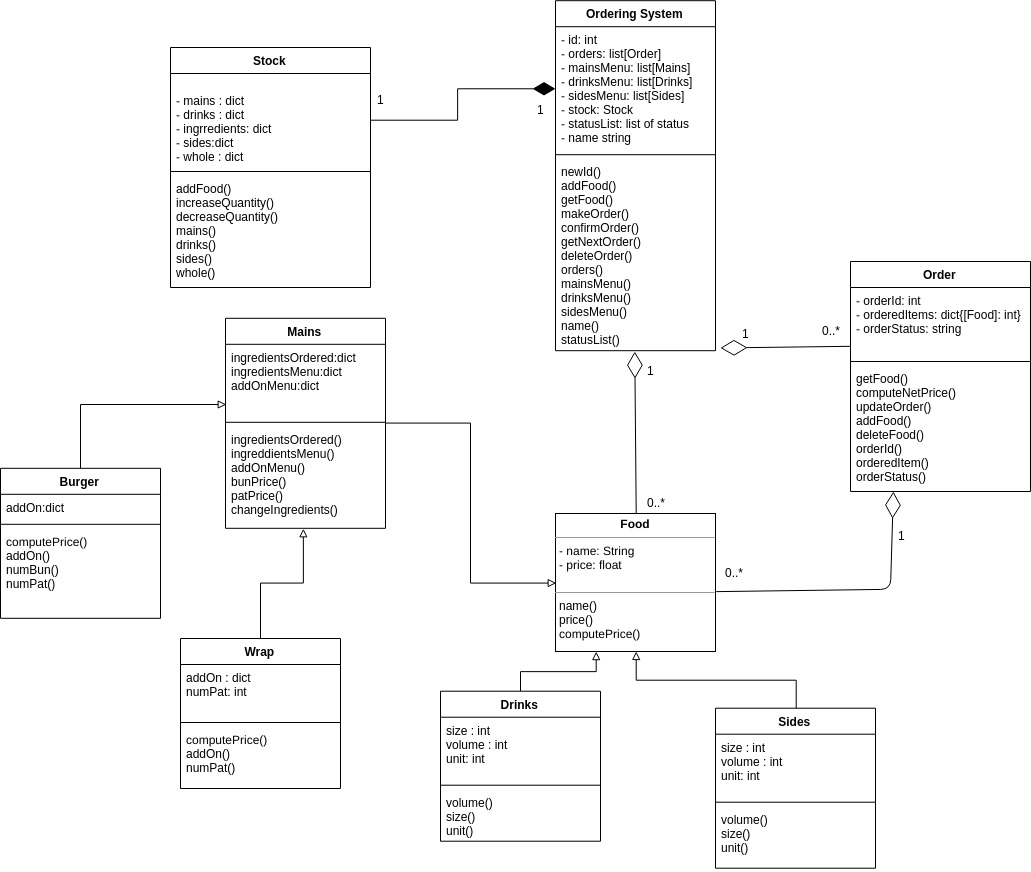
|  |  |
| --- | --- |
| ID: | US5 |
| Name: | Staff current order |
| **User-Story Description:**  As a staff member, I should be able to view the current orders so that I can have an idea what to prepare next.  **Acceptance Criteria:**   * The staff can view the order at any point in time * If there are orders, a list of the orders are shown along with the times they have been made. * Staff can filter the order status to display only certain types of the orders to show | |
| Priority | Medium |
| Size | 2 story points (1 point = 1 day) |

|  |  |
| --- | --- |
| ID: | US6 |
| Name: | Staff order update |
| **User-Story Description:**  As a staff member, I should be able to update the status of an order of when it's ready for pickup so that I can acknowledge the completion of an order and move onto another.  **Acceptance Criteria:**   * A staff member is able to click on an order and indicate that it's ready for pickup. | |
| Priority | low |
| Size | 1 story point (1 point = 1 day) |

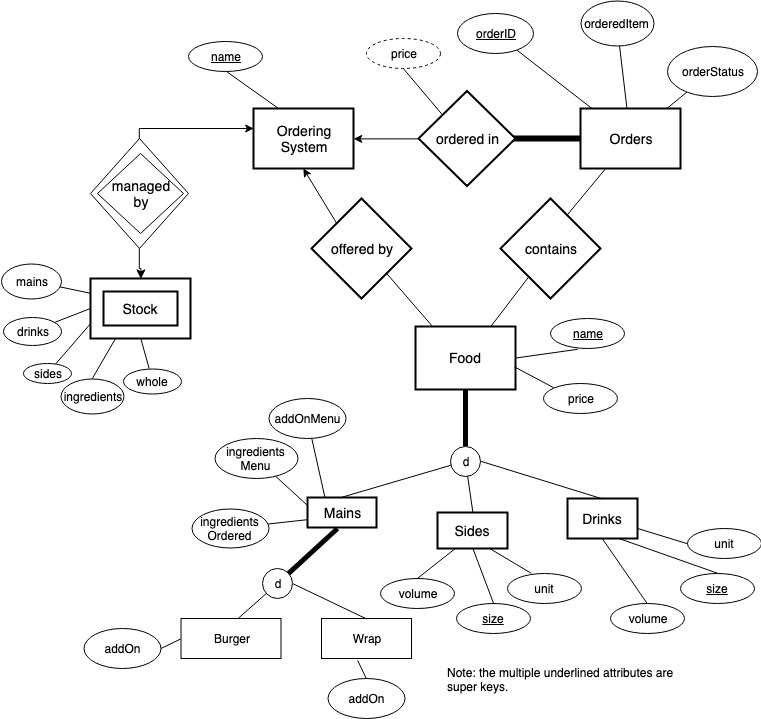
**Epic story 3: As a staff member, I want to keep track of the various ingredients and refill stock depending on how low the inventory levels are.**

|  |  |
| --- | --- |
| ID: | US7 |
| Name: | Maintaining inventory |
| **User-Story Description:**  As a staff member, I should be able to update the inventory levels of the stock according to the amount that customers have ordered so that the we can know the amount of ingredients we still have.  **Acceptance Criteria:**   * Burgers, wraps, nuggets should all stocked in whole quantities. * Bottled drinks should be stocked in either cans (375 ml) or bottles (600 ml). * Juice such as Orange Juice should be input as varying sizes: small (250 ml) and medium (450 ml). * Sides such as fries will need to be stocked by weight (in grams). * When customers place an order, Inventory should be reduced the according amount. | |
| Priority | high |
| Size | 3 story points (1 point = 1 day) |

## Section 2: Class diagram



## Section 3: ER design



Section 4: Log Book

Week 2: Meeting date: 25/02/2019

Have meeting during the lab time. Distribute the workflow of the user Story

Decisions:

- Name of group made to be "Memberless Team"

- For lab: combined user story for login of manager and admin

- For lab: removed user story for additional staff

- Making separate repos for labs and assignment

Responsibilities:

Milestones achieved/Reflection:

Obstacles:

Week 3: Meeting date: 04/03/2019

Decisions:

Responsibilities:

- For lab: Started making use case diagram together

- Katrina does detailed specification for main usage scenario

- For Assignment: Started making user stories together

- Katrina and Yanning finish it off

- Henry edits it

Milestones achieved/Reflection:

Obstacles:

Week 4: Meeting date: 11/03/2019

Decisions:

Responsibilities:

- For lab: Yanning creates CRC cards

- For lab: Henry makes UML class diagram from CRC cards

Milestones achieved/Reflection:

Obstacles: get confused by the uml diagram and don't know if we drew it in the right way.

Week 5: Meeting date: 18/03/2019

Decisions:

Responsibilities:

Milestones achieved/Reflection:

Obstacles:

Week 6: Meeting date: 25/03/2019

Decisions:

Responsibilities:

- For Assignment: Henry makes a UML class diagram

- Yanning and Katrina edit it

Milestones achieved/Reflection:

Obstacles: Not sure if we need to create so many subclasses

Week 7: Meeting date: 01/04/2019

Decisions:

- For Assignment: txt file created to explain functions

Responsibilities:

- Katrina writes classes for Order and Ordering System

- Yanning writes classes for Mains(Burger, Wrap), Ingredients, and Food

- Henry writes classes for Sides, Drinks, and Stock

Milestones achieved/Reflection:

- Henry: Finished making classes assigned but it didn't work with the system created. Yanning had to fix it and make changes to System.

Obstacles:

- Henry: Still not use to using github and not that strong in coding

Week 8: Meeting date: 08/04/2019

Decisions:

Responsibilities:

- Henry writes flask for Staff

- Yanning writes flask for ordering process

- Katrina does the rest

Milestones achieved/Reflection:

- Henry didn't do his part

Obstacles:

- Henry doesn't understand flask

Solution:

- Yanning did Henry's part

- Katrina improved it and applied OCP

Week 9: Meeting date: 15/04/2019

Decisions:

Responsibilities:

- Yanning writes up remaining flask codes and all the tests

- Katrina improved the code with OCP principles.

- Henry creates the ER diagram, updates log book and velocity chart

Milestones achieved/Reflection:

Obstacles:

Week 10: 22/04/2019

Decisions:

Responsibilities:

-Yanning updates UML and writes report

Milestones achieved/Reflection:

Obstacles: