Assignment 1 Stories

Ellis, Michael - z5215441
Guth, Brian - z5250750
Hopkins, Michael - z5214065

Story Points (SP - 2 hours)
Priority Scheme: Low, Medium, High, Critical

Epic User Stories

Customer Epic Story
As a customer I would like to be able to order a customised burger or wrap, along with optional drinks and sides, know the total price I'm paying and check the status of my order.

Staff Epic Story
As a staff member, I'd like to be able to view and update customer's orders as well as monitor and adjust the inventory levels of specific items.

Atomic User Stories

Customer User Stories
CS1: As a customer I would like to be able to order a custom burger so that I can enjoy a burger suited to my tastes.
Acceptance criteria:
1. The customer must submit their creation before checkout to verify the creation does not violate any restrictions.
2. The customer's creation must be subject to the following restrictions. If an order violates these restrictions, the customer should receive a message explaining why.
    a. The customer must order at least 2 buns per burger.
    b. The customer must not be able to order more than the maximum allowable buns (number of patties + 1).
    c. The customer must not be able to order more than 10 patties in a single burger.
    d. Customer should not be able to order ingredients that are out of stock.
    e. The customer must choose either sesame buns or muffin buns.
    f. Customers must choose either chicken, vegetarian or beef patties.
3. The customer must be able to optionally add other ingredients offered, such as tomato, lettuce, tomato sauce, cheddar cheese and swiss cheese.

4. Customers create their burger by choosing the number of portions of each ingredient to include. All the possible ingredients are listed and the user inputs a number for each.
5. The customer must be showed the net price of their burger before adding it to their order.

Estimate: 3sp
Priority: High

CS2: As a customer I would like to be able to customise my wrap so that I can enjoy a wrap uniquely suited to my tastes.
Acceptance criteria:
1. The customer must be able to submit their creation before checkout to verify the creation does not violate any restrictions and so the customer can view its price.
2. The customer's creation must be subject to the following restrictions. If an order violates these restrictions, the customer should receive a message explaining why.
   a. The customer must not be able to order more than 10 patties.
   b. Customer should not be able to order ingredients that are out of stock.
   c. Customers must choose either chicken, vegetarian or beef patties.
3. The customer must be able to add other ingredients offered, such as tomato, lettuce, tomato sauce, cheddar cheese, swiss cheese.
4. Customers create their wrap by choosing the number of portions of each ingredient to include. All the possible ingredients are listed and the user inputs a number for each.
5. The customer must be showed the net price of their wrap before adding it to their order.

Estimate: 3SP
Priority: Medium

CS3: As a customer, I'd like to optionally be able to order sides, so that my meal is filling.
Acceptance criteria:
1. Order fries in small, medium or large sizes
2. Order nuggets in 3, 6, 10 or 20 packs
3. The customer must be able to checkout without ordering sides.

4. Customers order their sides by choosing the number of portions of each to include. All the possible sides are listed and the user inputs a number for each.
5. The customer must be showed the net price of their sides before adding it to their order.

Estimate: 3
Priority: Medium

CS4: As a customer, I'd like to optionally be able to order drinks so I can enjoy a refreshing beverage alongside my meal.
Acceptance criteria:
1. The customer must be able to order (unbottled) drinks in sizes of small (250ml), medium (450ml), large (650ml).
   a. Orange juice
   b. Apple juice
   c. Cranberry juice
   d. Pomegranate juice
2. The customer must be able to checkout without ordering any drinks.
3. Customers order their drinks by choosing the number of portions of each to include. All the possible drinks are listed and the user inputs a number for each.
4. The customer must be showed the net price of their drinks before adding it to their order.

Estimate: 3
Priority: Medium

CS5: As a customer, I'd like to have a checkout confirmation screen, to ensure the order is correct.
Acceptance criteria:
1. Total price will be displayed
2. The contents of the customer's order will be displayed
3. Unique order-ID is issued when checkout is complete
4. Stock levels should be automatically decremented after the order is confirmed.

Estimate: 1
Priority: Critical

CS6: As a customer, I would like to be able to view the price of each item, so I can ensure I purchase a meal within my budget.

Acceptance Criteria:

1. Price of each item is displayed next to the item to order
2. Total price is updated as the user completes each part of their order (each tab).
3. Prices
    a. Burger
        i. Each bun (any type) $0.50
        ii. 1 patty (any type) $2.00
        iii. 1 portion of any 'other ingredients' $1.00
    b. Wrap
        i. Base Cost $2.00
        ii. 1 patty (any type) $2.00
        iii. 1 portion of any 'other ingredients' $1.00
    c. Sides
        i. Fries
            1. Small $2.00
            2. Medium $2.50
            3. Large $3.00
        ii. Nuggets
            1. 3-pack $1.00
            2. 6-pack $2.00
            3. 10-pack $3.00
            4. 20-pack $5.00
        iii. Bottled (soft) drinks
            1. 375ml $3.00
            2. 600ml $4.50
        iv. Unbottled (non-soft, hard?) drinks
            1. Small $4.00
            2. Medium $5.50
            3. Large $7.00

Estimate: 0.5
Priority: Low

CS7: As a customer, I'd like to be able to check the status of my order so that I can collect my order when it is ready.

Acceptance Criteria:

1. The customer must be able to check the status of their order at any time, after an order is placed.
2. The customer must be able to use their order-ID to check whether their order is ready to collect.

3. When the order is ready to pick up, the status of the order should show "ready for pick up" when refreshed.

Estimate: 1
Priority: Low

CS8: As a customer, I'd like to use an interface which separates the ordering of burgers, wraps, sides and drinks into separate menus accessible from a main menu, so that I am not overwhelmed with information during the process of ordering.
Acceptance Criteria:
1. The customer's order so far must be displayed in the main menu.
2. There should be 6 tabs in the main menu: 'Burger', 'Wrap', 'Sides' and 'Drinks', 'Main Menu' & 'Checkout'.
3. The customer should be sent back to the main menu after completing each tab.
4. The customer should be able to redo their selections for a particular tab by clicking on the tab again and filling it out again (previous selections are forgotten).

Estimate: 3
Priority: High

Staff User Stories
SS1: As a staff member, I'd like to be able to view the current food orders, to ensure all customers orders are prepared in a timely manner.

Acceptance criteria:
1. Staff can view orders at any time
2. Only current orders should be visible
3. Order-ID should be shown with each order

Estimate: 1
Priority: Medium

SS2: As a staff member, I would like to be able to update the status of the food order, to ensure the customers get their food on time.

Acceptance criteria:
1) Orders should be able to be flagged 'received'
2) Orders should be able to be flagged 'being prepared'
3) Orders should be able to be flagged 'ready for pick-up'

4) Orders should be flagged 'Complete'

Estimate: 2
Priority: High

SS3: As a staff member, I'd like to be able to see stock levels to ensure stock is able to be refilled as it runs low.

Acceptance criteria:
1. Sides should be stocked by weight
2. Main items should be stocked by whole quantities
3. Drinks should be in various sizes and stocked by volume (mL)
4. Staff should be able to view stock sortable by item type

Estimate: 2
Priority: Medium

SS4: As a staff member, I'd like to be able to update the stock levels of any item so that customers knows what items can currently be ordered.
1. Staff should be able to update the stock levels of any item.

Estimate: 1
Priority: Medium