COMP1531 19T1 Project Milestone 1: Product Backlog

Client Requirements:

The client is interested in *developing an online self-service ordering application*. The client feels that such a system would *provide faster delivery of meals to customers, enable customers to build their own gourmet creations which would result in improving the revenue* at the different franchises of the food chain.

Problem Statement:

Develop an online self-service ordering application (system), which *enables customers to build their own gourmet creations and enables staff to service online orders and maintain inventory.*

Epic Story 1:

- **As a customer, I would like to be able to place an order of any available mains along with sides and drinks if I choose so**

ID	CUS1
Name	Create a burger
User Story Description	As a customer, I should be able to create a burger on the system so that I can have a customised meal according to my tastes.

Acceptance Criteria	● Customer is able to choose a preselection of burgers with:
	  ○ different number and type of buns (e.g., 3 sesame buns for a double burger or 2 muffin buns for a standard single burger).
	  ○ Different number and type of patties (e.g., 2 chicken patties, vegetarian, beef).
	  ○ Other optional extras such as ingredients of their choice: tomato, lettuce, tomato sauce, cheddar cheese, swiss cheese etc.
	  ○ Choose Quantity of buns they want
	● Only single, double and triple burgers are permitted. The number of buns and patties must be within allowable limits:
	  1)The customer can only choose buns in the range of [2, 4]
	  2)The customer can only choose patties in the range of [1, 3]
	  3)The amount of buns and patties must be in a one-to-one relationship(ie. 2 bun-1 patty, 3 bun-2 patties, 4 bun- 3 patties)
	● If a particular ingredient is not available, the customer will not be able to select the particular item to their order.

Priority (1 = Lowest and 10 = Highest)	10
Size (1SP = 1 Day)	2 SP

ID	CUS2
Name	Create wrap
User Story Description	As a customer, I can create a wrap on the system so that I can have a customised meal according to my tastes.

Acceptance Criteria	● Customer is able to choose a preselection of wraps with:
	  ○ Different types of wraps sheets (e.g. wholemeal wrap, etc).
	  ○ Different type and number of patties (e.g., 2 chicken patties, vegetarian, beef).
	  ○ Other optional extras such as ingredients of their choice: tomato, lettuce, tomato sauce, cheddar cheese, swiss cheese etc.
	  ○ Choose the number of wraps they want
	● The number of wraps and patties cannot exceed the maximum allowable limit.
	● Customer should be able to cancel the order.

Priority (1 = Lowest and 10 = Highest)	10

Size (1 SP = 1 Day)	2 SP

ID	CUS3
Name	Select any sides
User Story Description	As a customer, I should be able to order sides of my choice on the system, so that I can have a more fulfilling meal.
Acceptance Criteria	- Customer is able to choose whether they want any sides, and if so: - Select the type and quantity of sides (ie., a 6 pack nuggets, 3 pack nuggets, fries [a small fries = 75g, a medium fries = 125 g, a large fires = 250g], sundaes (Chocolate/Strawberry) [small, medium, large]). - The number of sides cannot exceed the maximum allowable limit. - Customer should be able to cancel the order.
Priority (1 = Lowest and 10 = Highest)	6
Size (1 SP = 1 Day)	2 SP

ID	CUS4
Name	Select any drinks
User Story Description	As a customer, I should be able to order drinks of my choice on the system, so that I can have a more fulfilling meal.
Acceptance Criteria	- Customer is able to choose whether they want any drinks, and if so: - They should be able to select the type and quantity of drinks as following: 1) Bottled drinks are stocked in either cans (375 ml) or bottles (600 ml) 2) Drinks such as orange juice will be served in varying sizes (e.g., a small = 250 ml, a medium = 450 ml etc) - The number of drinks cannot exceed the maximum allowable limit. - Customer should be able to cancel the order.

Priority (1 = Lowest and 10 = Highest)	6
Size (1 SP = 1 Day)	2 SP

ID	CUS5
Name	Self-ordering
User Story Description	As a customer, I should be able to self-order my gourmet creation on the system, so that I can order faster as I don't need to wait for the waiter.

Acceptance Criteria	● Customer is able to:
	  ○ View details of their order (e.g. current ingredients selected and their respective quantities, number of mains or drinks they have ordered, etc).
	  ○ View the base price of burgers and wraps, and see the additional price associated with each ingredient, allowing the customer to see the overall net-price of their order.
	  ○ Select additional options (such as gluten-free, no onion/garlic)
	● Add any in-store discounts available to their checkout cart.
	● Select if they want take-away.

Priority (1 = Lowest and 10 = Highest)	7
Size (1 SP = 1 Day)	3 SP

ID	CUS6
Name	Select a Wrap
User Story Description	As a customer, I can choose a wrap on the menu so that I can quickly select my favourite meal.

Acceptance Criteria	● Customer is able to choose a preselection of premade wraps with:
	  ○ Beef Wraps
	  ○ Chicken Wraps
	  ○ Veggie Wraps
	● Customer should be able to cancel the order.

Priority (1 = Lowest and 10 = Highest)	10
Size (1 SP = 1 Day)	2 SP

ID	CUS7
Name	Select a Burger
User Story Description	As a customer, I can choose a burger on the menu so that I can quickly select my favourite meal.
Acceptance Criteria	- Customer is able to choose a preselection of premade wraps with: - Cheeseburgers - Double Cheeseburgers - Chicken Burgers - Double Chicken Burgers - Veggie Burgers - Double Veggie Burgers - Customer should be able to cancel the order.
Priority (1 = Lowest and 10 = Highest)	10
Size (1 SP = 1 Day)	2 SP

Epic Story 2:

- **As a customer, I would like to be able to checkout my order and check the order status at any time after the order has been completed**

ID	CUS6
Name	Order confirmation
User Story Description	As a customer, I should be able to check and confirm my order so that I can make sure I ordered the correct items I want.

Acceptance Criteria	● The customer should be able to see all the contents they have ordered ● If the customer disagrees with the contents, they can make changes appropriate to them ● If customer orders more items charge them more ● The customer should be able to view the price for all items and total price ● A "confirm order" button at the bottom of order details, once the customer clicks the button, proceed to payment
Priority (1 = Lowest and 10 = Highest)	5
Size (1 SP = 1 Day)	2 SP

ID	CUS7
Name	Checking order status
User Story Description	As a customer, I can check the order status so that I can see when my order is ready to collect.
Acceptance Criteria	● Once the valid payment is completed, the customer should receive a unique order number at the specific store they ordered from. ● Customer is able to enter the order number to see all the contents that were ordered and the order status: ● If the order is not ready, then the order status will be "Your Order Is Currently Being Made". ● If the order is ready, then the order status will change to "Your Order Is Now Ready For Collection"
Priority (1 = Lowest and 10 = Highest)	5
Size (1 SP = 1 Day)	2 SP

Epic Story 3:

● **As staff, I should be able to view all customers' orders live and update their order status**

ID	SUS1
Name	View Order Status
User Story Description	As staff, I should be able to view current orders status at any time so I can provide faster service to customers

Acceptance Criteria	● Staff is able to view all data on orders that are placed
	   ○ Ingredients needed
	   ○ Meals that are being ordered
	   ○ Ingredients Left
	● If the order is complete the order should disappear from the staff menu

Priority (1 = Lowest and 10 = Highest)	7
Size (1 SP = 1 Day)	1 SP

Epic Story 4:

- **As staff, I should be able to view inventory situation at any time, and request for a restock when necessary**

ID	SUS2
Name	Check Inventory
User Story Description	As staff I should be able to see how many items on the menu are left, allowing me to show customers whether a dish/drink is available.

Acceptance Criteria	● Staff is able to view how much ingredients are left
	   ○ **Ingredients**
	      ■ Burger Buns
	      ■ Wraps
	      ■ Patties
	   ○ **Drinks**
	      ■ Bottled
	         ● Cans (375ml)
	         ● Bottles (450ml)
	      ■ Orange Juice

	- Small (250ml) - Medium(450ml) **Sides** - Fries (in grams) - Chick Nuggets(in pieces) - Chocolate Sundae - Strawberry Sundae - Staff is able to view what items are needed and how much of it is needed. (Same Items as the point above) - If ingredients left is less than the ingredients needed for a meal, inform the customer that the meal is unavailable - If (ingredients left / ingredients needed) is less than or equal to 5, inform staff that the specific item is low on stock
Priority (1 = Lowest and 10 = Highest)	3
Size (1 SP = 1 Day)	2 SP

ID	SUS3
Name	Maintain Inventory
User Story Description	As staff, I should be able to restock instantly when requested, so I can make meals available all the time.
Acceptance Criteria	Staff is able to request for a restock at any time
Priority (1 = Lowest and 10 = Highest)	6
Size (1 SP = 1 Day)	2 SP