

## COMP1531 - User Story Milestone 1

Priority is ranked from 1 (Highest) to 11 (Lowest). 1 story point corresponds to 2 hours.

### Epic Story 1: Customers - Place Online Orders

As a customer, I want to use an online interface to order mains, sides and drinks.

<b>ID</b>	US 1.1
<b>Name</b>	Make a customised main order
<p><b>User-Story Description:</b></p> <p>As a customer, I want to make a customised main order, so that my personal preferences are satisfied.</p> <p><b>Acceptance Criteria:</b></p> <ul style="list-style-type: none"> <li>• A customer can choose between either a burger or wrap. Error message “Cannot choose both burger and wrap” displayed if customer attempts to choose both.</li> <li>• If burger is selected, customer must choose out of burger bun options including sesame bun and muffin bun. Error message “Number of buns must be between 2 and {allowable maximum number of buns}” displayed if customer attempts to choose number of buns exceeding the allowable maximum of buns. If patty is 0, maximum buns is 2, otherwise the maximum buns allowed is number of patties plus one.</li> <li>• If wrap is selected, customer can choose only one wrap as either flat bread wrap or whole wheat wrap. Error message “Number of wraps cannot exceed 1” displayed if customers attempt to order more than 1 wrap.</li> <li>• A customer can choose customisable ingredients from a selection including tomato, lettuce, tomato sauce, cheddar cheese and swiss cheese.</li> <li>• A net price is displayed for the customer's gourmet main creation, which is calculated based on the chosen ingredients.</li> <li>• An error message displaying "Insufficient stock for {ingredient}." displayed for corresponding ingredients if there is insufficient stock level to satisfy the customer's main order.</li> <li>• An error message displaying “Cannot enter negative quantity” is shown if the customer enters a negative quantity for any ingredient.</li> <li>• If the “Add to Order” button is pressed and there are no errors, the page should be refreshed and a message saying “Main added to order” should be visible. The addition to the order should now be visible when reviewing order.</li> </ul>	
<b>Priority</b>	1
<b>Size</b>	12 story points

<b>ID</b>	US1.2
<b>Name</b>	Order sides
<b>User-Story Description:</b> As a customer, I want to order sides so that I can enjoy them.  <b>Acceptance Criteria:</b> <ul style="list-style-type: none"><li>• Options are displayed as: 6 pack nuggets, 3 pack nuggets, fries (small), fries (medium), fries (large)</li><li>• An “Add to Order” button should be located at the bottom of the page.</li><li>• If a request is made to order more of any particular item than there is stock, then an error message “Insufficient stock of {item}” is displayed when the customer attempts to add the side to their order.</li><li>• An error message displaying “Cannot enter negative quantity” is shown if the customer enters a negative quantity for any ingredient.</li><li>• If “Add to Order” button is pressed and there are no errors, the page should be refreshed and a message saying “Sides added to order” should be visible. The addition to the order should now be visible when reviewing order.</li></ul>	
<b>Priority</b>	10
<b>Size</b>	6 story points

<b>ID</b>	US1.3
<b>Name</b>	Order drinks
<p><b>User-Story Description:</b></p> <p>As a customer, I want to order drinks so that I can enjoy them.</p> <p><b>Acceptance Criteria:</b></p> <ul style="list-style-type: none"> <li>Options for bottled drinks: Coke, Fanta, Sprite, are each displayed with choice between either cans (375 ml) or bottles (600 ml)</li> <li>Options for fountain drinks including orange juice is displayed with options of varying sizes including small (250ml), medium (450ml), large(600ml)</li> <li>An “Add to Order” button should be located at the bottom of the page.</li> <li>If a request is made to order more of any particular item than there is stock, then an error message “Insufficient stock of {item}” is displayed when the customer attempts to add their sides to their order.</li> <li>An error message displaying “Cannot enter negative quantity” is shown if the customer enters a negative quantity for any ingredient.</li> <li>If “Add to Order” button is pressed and there are no errors, the page should be refreshed and a message saying “Drinks added to order.” should be visible. The addition to the order should now be visible when reviewing order.</li> </ul>	
<b>Priority</b>	11
<b>Size</b>	6 story points

<b>ID</b>	US1.4
<b>Name</b>	Review order
<b>User-Story Description:</b> As a customer, I want to review my order so that I can confirm that my order is correct. <b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>• A list of all of the items that the customer currently has added to their order is displayed for review.</li> <li>• Customers should be able to access this page through a button at the top of the interface titled "My Order"</li> <li>• This page should be updated whenever the customer makes a new addition to their order.</li> <li>• A "Checkout" button is displayed below the order summary which directs to checkout.</li> </ul>	
<b>Priority</b>	2
<b>Size</b>	4 story points

<b>ID</b>	US1.5
<b>Name</b>	Checkout
<b>User-Story Description:</b> As a customer, I want to checkout so that restaurant staff can see and prepare my order. <b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>• A button directing customers to an external payment system is located on the page.</li> <li>• If payment is unsuccessful, the checkout page is refreshed with error message "Error: payment unsuccessful" displayed at top of page.</li> <li>• Once checkout and payment are confirmed, the order is sent to the staff so that they can begin preparing the order. The customer is then sent to the order status page.</li> <li>• After checkout, inventory levels in the staff interface will have been decremented in correspondence to the items ordered.</li> <li>• If the order does not successfully go through checkout (ie. customer closes the order page before checkout completed), inventory will not be decremented.</li> </ul>	
<b>Priority</b>	3
<b>Size</b>	6 story points

<b>ID</b>	US1.6
<b>Name</b>	Obtain order ID
<b>User-Story Description:</b> As a customer, I want to obtain an order ID, so I can refer to my order in the future.  <b>Acceptance Criteria:</b> <ul style="list-style-type: none"><li>• Order ID should be displayed in a message "Your Order ID is: {orderId}" after successfully checking out.</li><li>• The order ID should be unique to each order.</li><li>• Order ID should increase by 1 for each successive order (eg. one customer creates an order and receives ID 27, the next customer to create order receives ID 28).</li></ul>	
<b>Priority</b>	9
<b>Size</b>	3 story points

<b>ID</b>	US1.7
<b>Name</b>	Check order status
<b>User-Story Description:</b>  As a customer, I want to be able to check the status of my order with my previously issued order ID so that I can know when my order is ready.  <b>Acceptance Criteria:</b> <ul style="list-style-type: none"><li>• An insertion field should be located at the top of the interface titled "Check Order ID:"</li><li>• On inserting their order ID into this field, customers should be able to see corresponding order status page.</li><li>• If incorrect non-existent order ID is entered, an error message "Incorrect order ID entered." should be displayed.</li><li>• Status page displays all items ordered, and current status - either "Your order is being prepared." or "Your order is ready to be collected."</li><li>• Refreshing this page should update the current status of the order.</li></ul>	
<b>Priority</b>	6
<b>Size</b>	3 story points

## Epic Story 2: Staff - Service Online Orders

As a staff member, I want to service orders submitted by customers through an online interface.

<b>ID</b>	US2.1
<b>Name</b>	View current orders
<b>User-Story Description:</b> As a staff member, I should be able to view the current orders so that I can service customers.  <b>Acceptance Criteria:</b> <ul style="list-style-type: none"><li>• Current orders confirmed by customer checkout should appear on the "Current order" page.</li><li>• Customer's orders are displayed in a list format with each order displayed in a table.</li><li>• Each table will display all information about a customer's order including: order ID, order status, main orders, corresponding ingredients chosen, sides and drinks order.</li></ul>	
<b>Priority</b>	4
<b>Size</b>	8 story points

<b>ID</b>	US2.2
<b>Name</b>	Update order status
<b>User-Story Description:</b> As a staff member, I should be able to update the status of an order so that the customer knows when their order has been prepared.  <b>Acceptance Criteria:</b> <ul style="list-style-type: none"><li>• A button labelled 'Order Prepared' must be displayed under each listed order</li><li>• After the 'Order Prepared' button is clicked, the order will be removed from the staff list.</li><li>• The status on the corresponding customer's status page (referenced through order ID) should be changed to "Your order is now ready to be collected," which the customer should be able to view after refreshing their status page.</li></ul>	
<b>Priority</b>	5
<b>Size</b>	3 story points

Team Alpha



### Epic Story 3: Staff - Maintain Inventory

As a staff member, I want to be able to maintain the inventory of the restaurant's various ingredients.

<b>ID</b>	US3.1
<b>Name</b>	View current inventory levels
<b>User-Story Description:</b> As a staff member, I should be able to see the current inventory levels in the staff section of the interface so that I know the stock status. <b>Acceptance Criteria:</b> <ul style="list-style-type: none"><li>• Should display numerical stock information for every ingredient in mains, sides, and drinks in the staff section of the interface.</li><li>• Amounts of burgers, wraps and nuggets should be displayed in whole quantities</li><li>• There should be two separate inventory entries for bottled drinks: cans and bottles - amounts for these entries should be displayed in whole quantities.</li><li>• Stock of drinks such as orange juice should be displayed in volume (millilitres).</li><li>• Stock of sides should be displayed in weight (grams).</li></ul>	
<b>Priority</b>	7
<b>Size</b>	6 story points

<b>ID</b>	US3.2
<b>Name</b>	Update inventory levels
<b>User-Story Description:</b> As a staff member, I should be able to update the inventory levels so that the physical state of the inventory is reflected in the online interface. <b>Acceptance Criteria:</b> <ul style="list-style-type: none"><li>• Should be able to enter a numerical value in a field beside the ingredient they wish to update stock for (positive value for refilling, negative value if, eg. stock is damaged and removed)</li><li>• The inventory level for each ingredient is unable to decrement below 0. If staff attempts this, an error message "Error: Inventory stock can not be below 0" is displayed.</li><li>• After selecting 'update', the staff member should be able to see the changes made reflected in the inventory.</li><li>• If the ingredient being updated is stocked in whole quantities, and the staff enters a non-integer value, an error message "Error: Can not enter non-integer quantity" should be displayed.</li></ul>	
<b>Priority</b>	8
<b>Size</b>	4 story points