

# Pizza Order Tracker

26<sup>th</sup> April 2018

## OVERVIEW:

This system will assist the employees of the Sasquatch Pizza Kitchen to track pizza orders. Each order will include one or more pizzas in different sizes and with a variety of toppings. This system will utilize the Linked List and Node data structures.

## Classes:

1. Order: Employee will be prompted to create an order or check the status of an existing order. When choosing to create an order, the employee will need to enter the customer information and to add one or more pizzas to the order. Once the employee indicated that the order is complete, the order will be added as node to the Linked List (we are hoping to utilize a timer that will indicate when the order is "out of the oven").

When checking on a status of an order, the system will print out the name and number for the order, the number of pizzas, and the time for completion.

2. Pizza: For each pizza in the order, the employee will be prompted to select a number of toppings and the size of the pizza. will be added to the order as a node in a linked list.
3. Linked List: The list of orders and each order will be a node.

## Work Distribution:

Each of us will work on one of the 3 different classes and then we will come together and create the main. We will have to make sure the pizza is made first and then we will create the order and then we will be able to make the Linked List. We will try to create an interface using a graphics library.