Food Order System

Purpose: To help restaurant manage the online order and reduce the time of customer’s waiting and chief’s work of doing the same food.

1. Menu storing: using dictionary to store meal’s name with its materials and cooking time, etc…
2. Food Ordering: According to what stored in menu dictionary, the ordering of food will be added to priority queue structure.

Priority related to the food:

1. that is ordered before and is about to be cooked.
2. The time that a customer has already waited.
3. A package of food’s order to be cooked should be considered according to the time they will need to wait for other food’s cook.(the food takes longest time has largest priority)
4. **Prediction of Food’s ordering and improvement:**

According to how often the customer orders the food during a time period, predicting the number of food that will be ordered most likely again for owner to prepare the food better.

1. Food Delivering: use google api to calculate the distance and time taken for pricing.