Decision Rules

1. Customers who join queues always makes an order. In reality, there is a small occurence of custoemrs that leave queues before making orders. In data collection, these observations are voided, and will not be accunted fo. As such, in simulation design the probability distribution of customers leaving prematurely are not modelled.

2. Batch arrivals of customers are not accounted for. As such, simulation models assume that customers arrive one at a time, although in some cases their inter arrival time might be close to zero.

3. Service times by cashiers are modelled as fixed values although there is some variation in reality especially during non peak hours. However, based on our observations, service times of cashiers during peak hours remain relatively constant.

4. Despite preperation times for different items served by a food stall being differet, we assume that various items sold by one stall follow a singular service time distribution for the sake of reducing model complexity.

5. We assume that cooking operations remain unchanged despite modelling the queueing system differently.