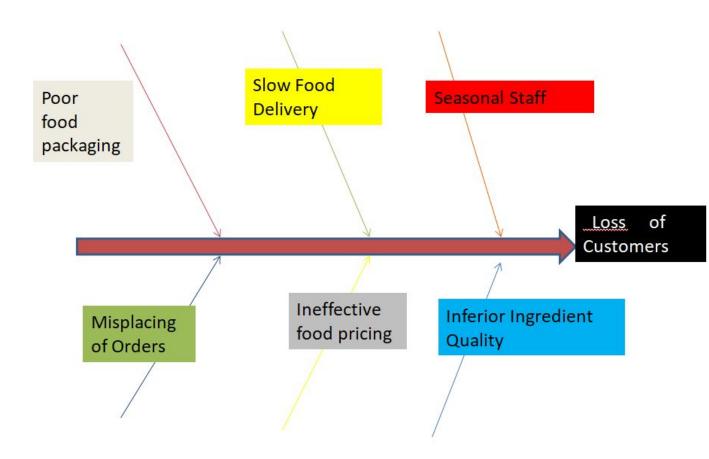
ARYAMAN MISHRA 19BCE1027

Fish Bone Analysis



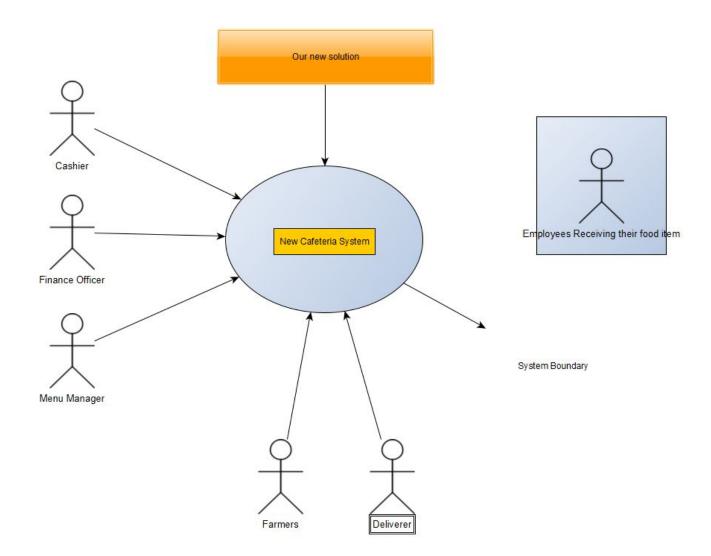
Cafeteria Orders Problem Statement

| Element | Description |
|------------------------|--|
| The problem of | Cafeteria Ordering System at ABC Private Limited |
| Affects | Food Ordering, Subscriptions, Employees as Customers, Making of Food, Food Delivery, Availabilty of Menu Items, Price Changes of Food items |
| And results in | Excessive maintenance costs, Decreased Sales, Less Profit, Employee Dissatisfaction |
| Benefits of a solution | Create new system to address problems including:- 1.Proper order placing process. 2.Possible modifications of orders. 3.Punctuality in delivery of food. 4.Adequate number of personnel. |

List of users and stakeholders

| Users | Stakeholders |
|----------------------|--|
| Employees(Customers) | Chief Executive Officer of ABC Pvt Limited |
| Meal Deliverer | Finance and Accounts Officer |
| Menu Manager | Food Catering Organization |
| Cashier | Farmers |
| Chefs | × |
| Delivery Supervisor | × |

Solution System Boundary



Sources of Constraints for Cafeteria Order System

| Sources | Constraint |
|--------------------|---|
| Operations | Hands-on details on orders for a certain period will be stored on a legacy server by help of Linux Operating System |
| Systems | Windows,MacOS,iOS,Android |
| Equipment budget | System to be used alongside pre-existing primitive server by help of phpMyAdmin to control bandwidth costs. |
| Software | Proprietary |
| Technology mandate | Database management methodology to be used. |
| Bandwidth Speed | Above 40 mbps |