Canteen Ordering System

Unilever

Project Submission by:
Akash Vilas Todkar
Submitted to Simplilearn Project for CBAP.

Table of Contents :-

Table of Contents :-

Introduction :-

Unilever is a British-Dutch MNC FMCG company, headquartered in London, England. Unilever is one of the oldest FMCG companies, and It is known for their great brands, a global footprint and belief in doing the business the right way Company have 149,000 people across the world. Company have over 400 brand names in over 190 countries. Unilever is a global company with global Purpose.

In one of Unilever Office, Unilever had around 1500 employees which were spread across 12 floors. They had Two canteens to cater to these 1500 employees. Each canteen could seat around 150 employees at a time. Most employees would prefer to take their lunch between 12 noon to 1 pm. This led to a huge rush in the canteen during lunch hours resulting in employees wasting a lot of time waiting for tables to be vacant. Management calculated that it took around 60 minutes for employees to go and come back from lunch. Employees don't always get their choice of food they want because the canteen runs out of certain items. The canteen wastes a significant quantity of food by throwing away what is not purchased .

Many employees have requested a system that would permit a canteen user to order meals online, to be delivered to their work location at a specified time and date. The client invited Business Analysts trained at Simplilearn to capture the requirements to create the Canteen Ordering System.

Stakeholders
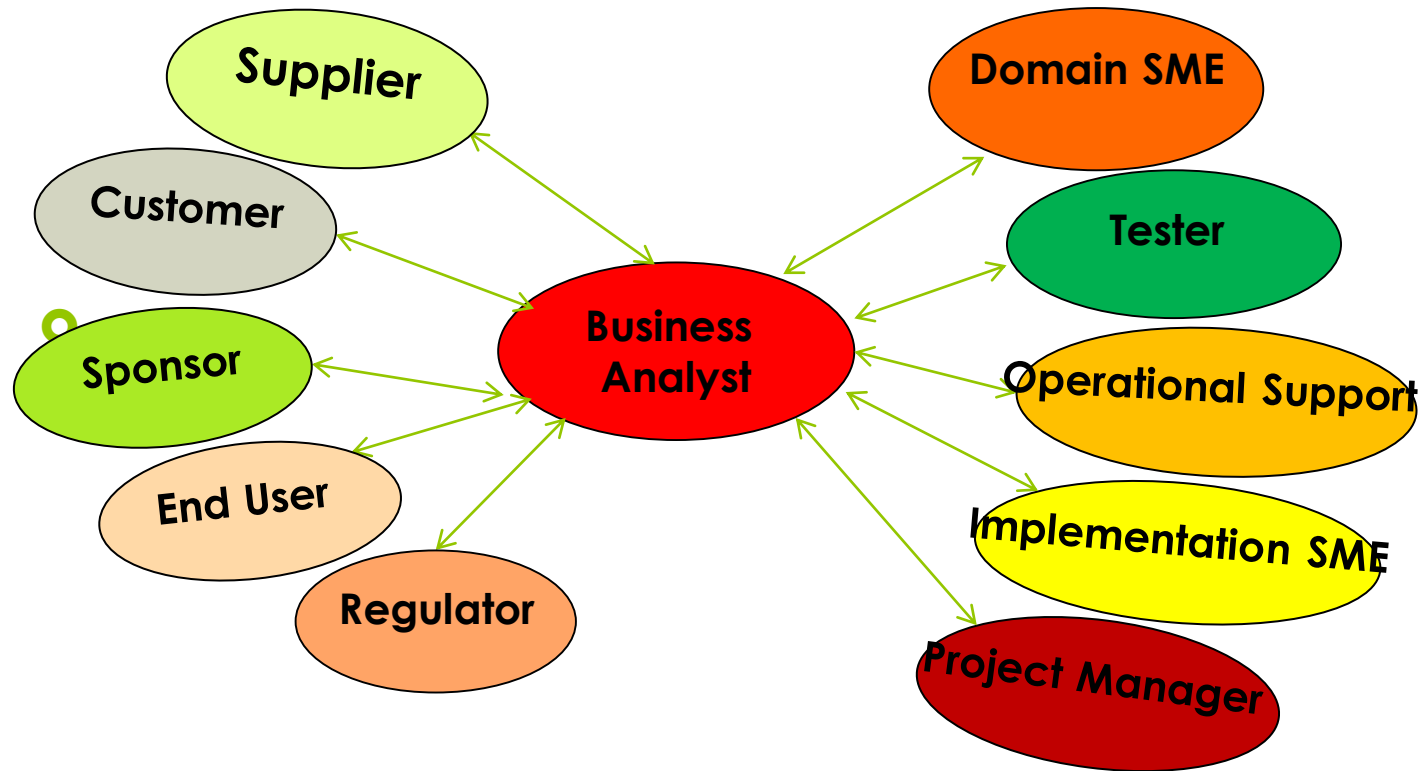
Onion Diagram
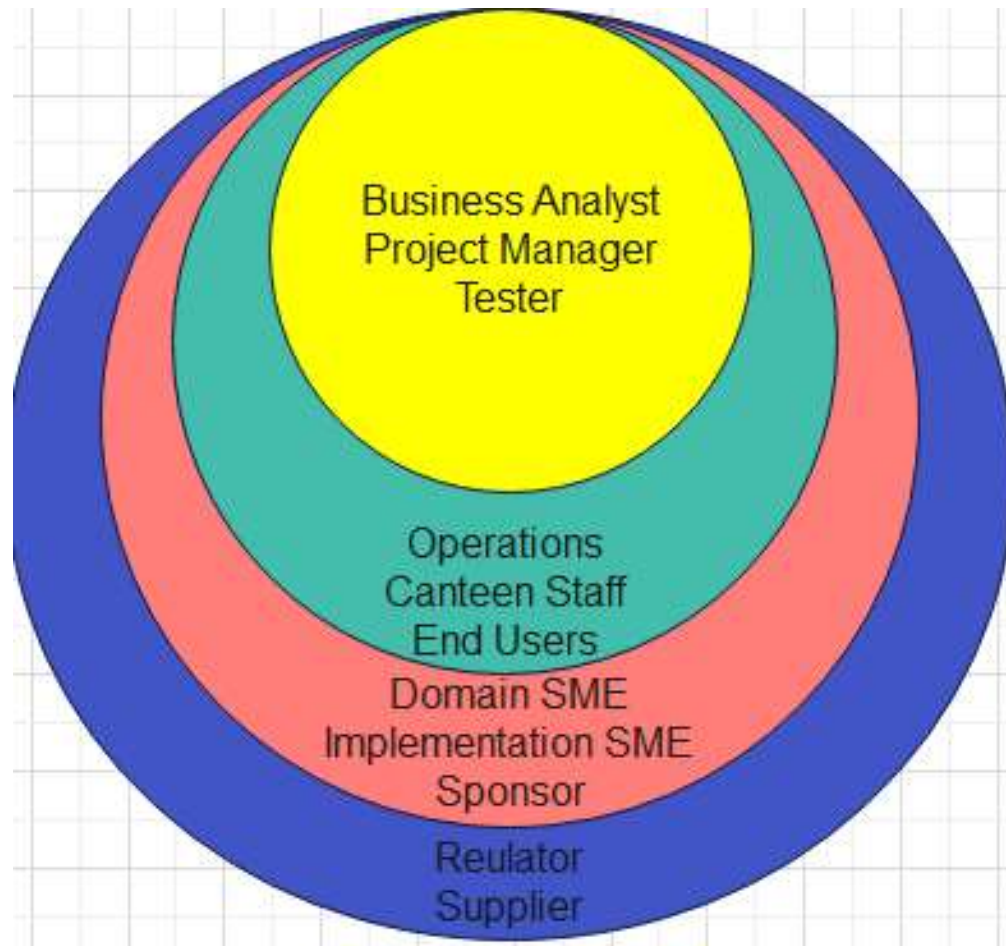
Need (Problem Statements)

- Most employees would prefer to take their lunch between 12 noon to 1 pm. This led to a huge rush in the canteen during lunch hours resulting in employees wasting a lot of time waiting for tables to be vacant.
- Because of huge rush at a one time it was quite difficult to serve food no time to employee and because of which lot of time been consumed for launch
- Employees don't always get their choice of food they want because the canteen runs out of certain items.
- The canteen wastes a significant quantity of food by throwing away what is not purchased.

Fishbone Diagram
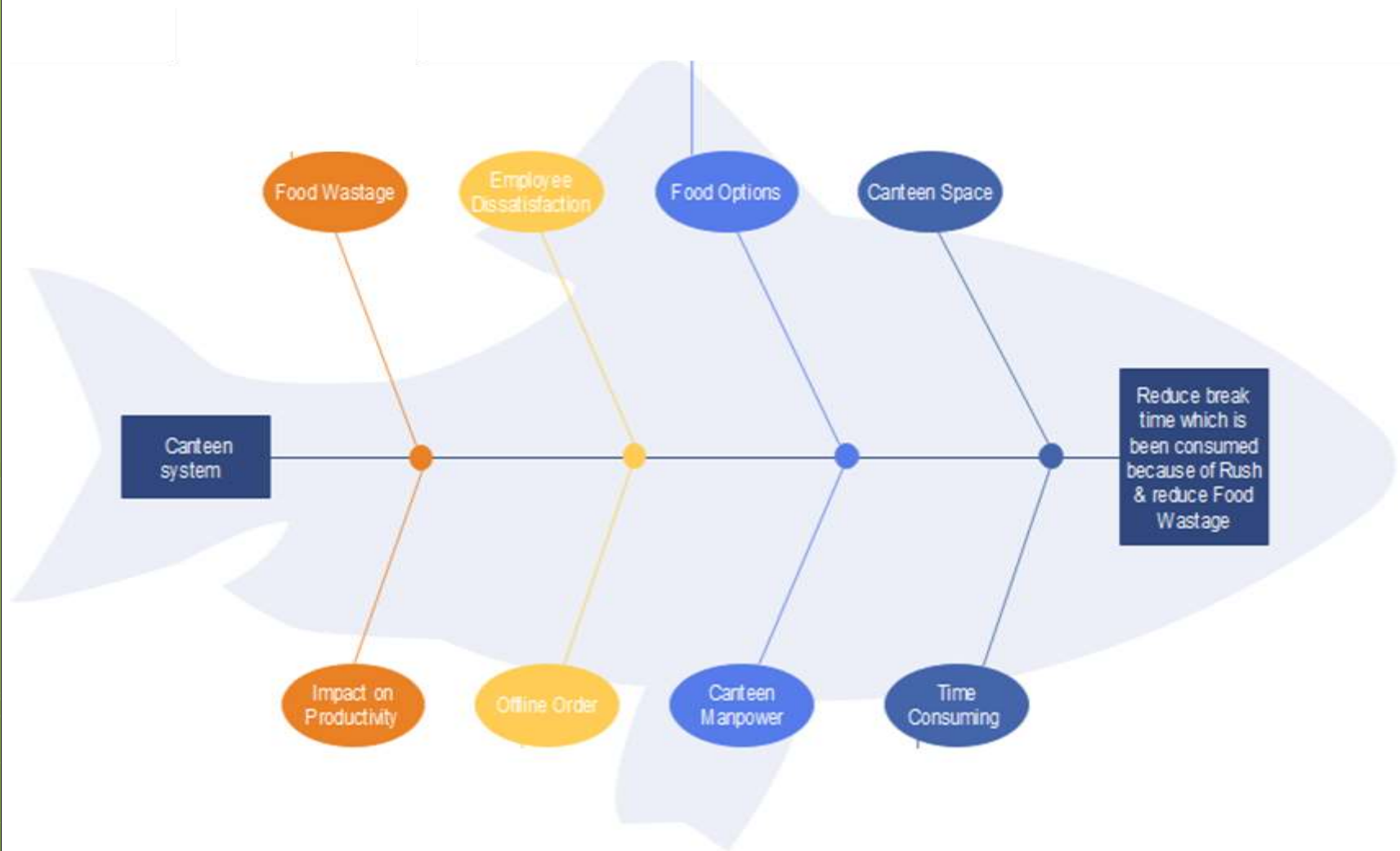
Objectives of Canteen Ordering System

➤ **To reduce food wastage by minimum 30% by 6 months of first release of the system.**

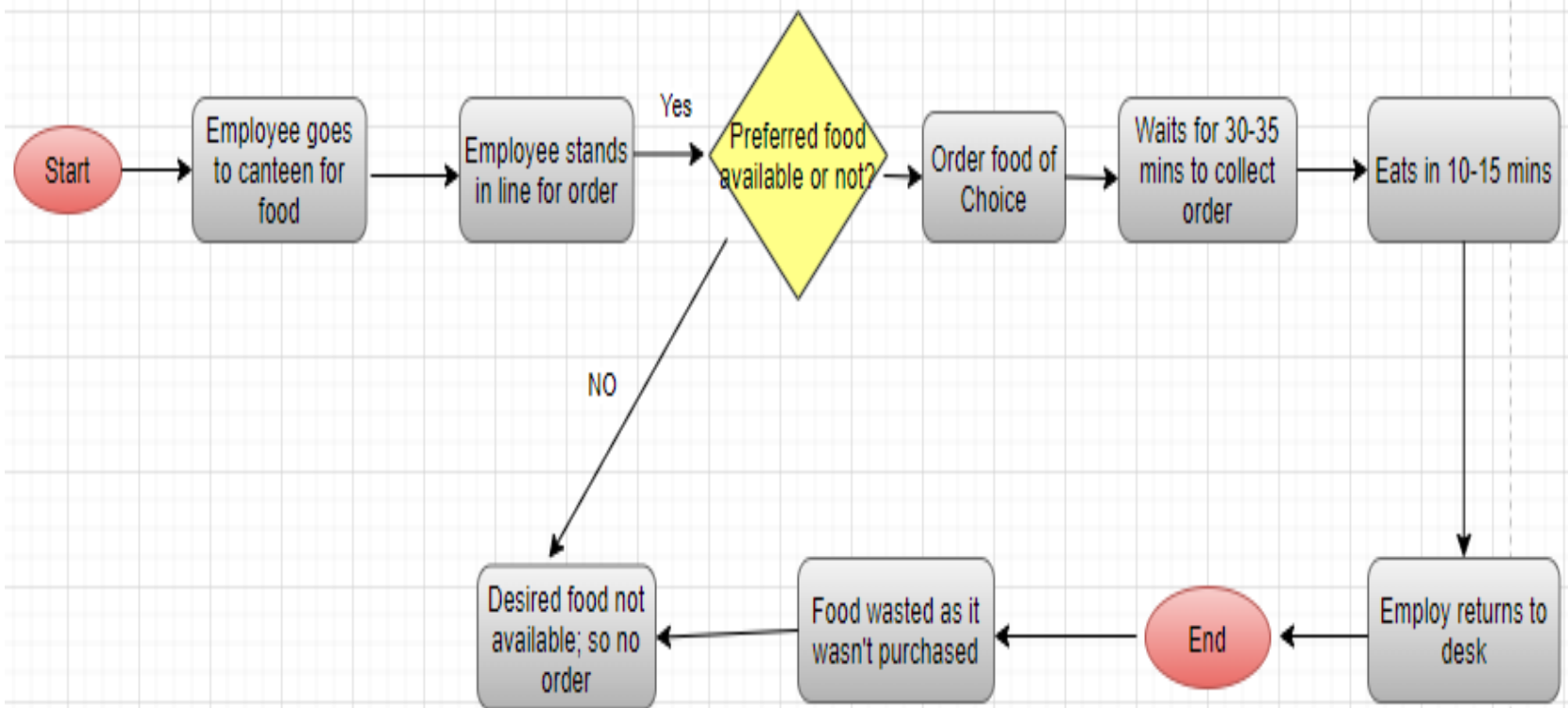➤ **Reduce canteen operating costs by 15% within 12 months, following initial release.**

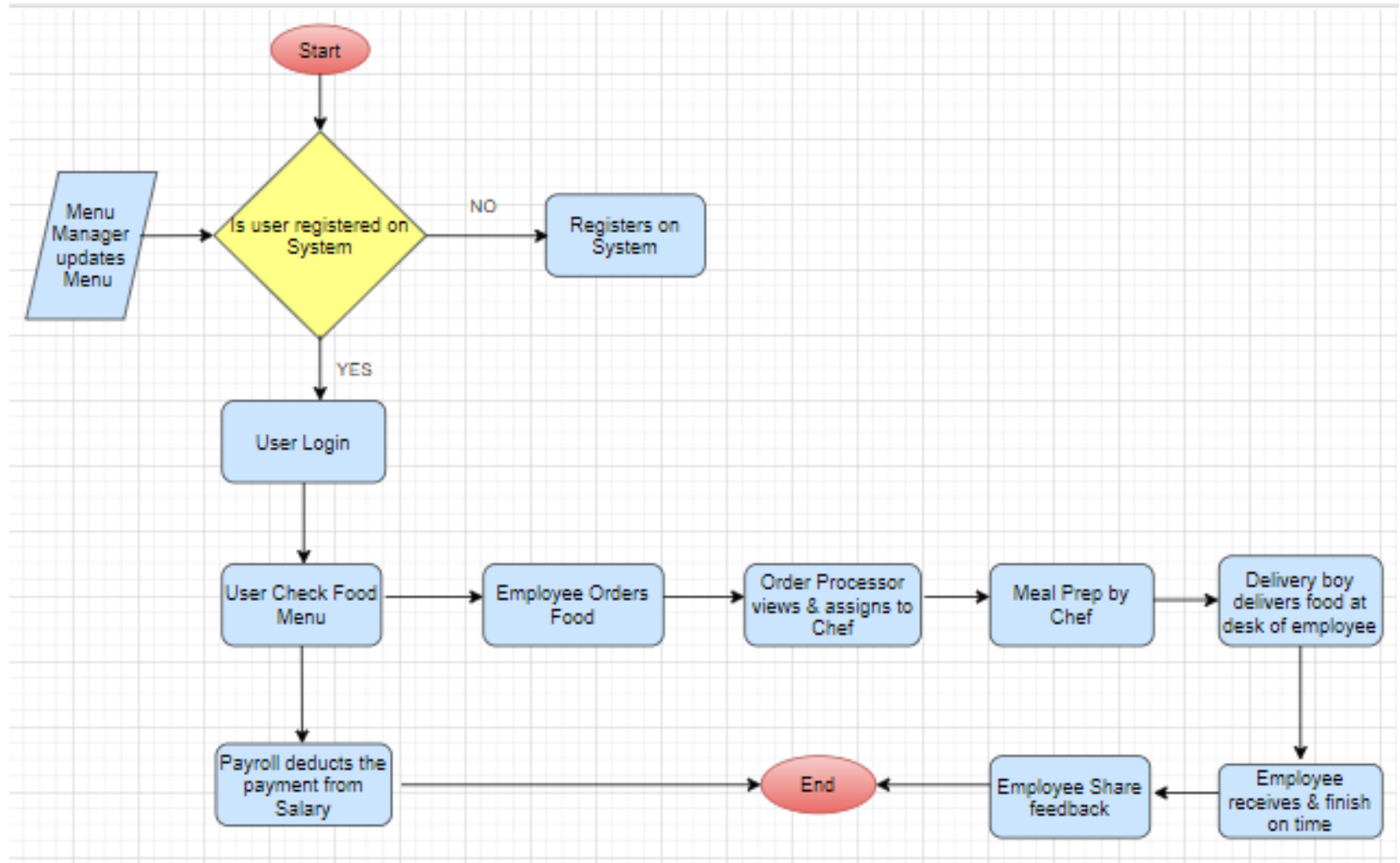➤ **Increase average effective work time by 30 minutes per employee per day, within 3 months.**

➤ **By making the ordering process automated and by delivering the food to the user's workstation, the canteen will be able to operate with lesser manpower.**
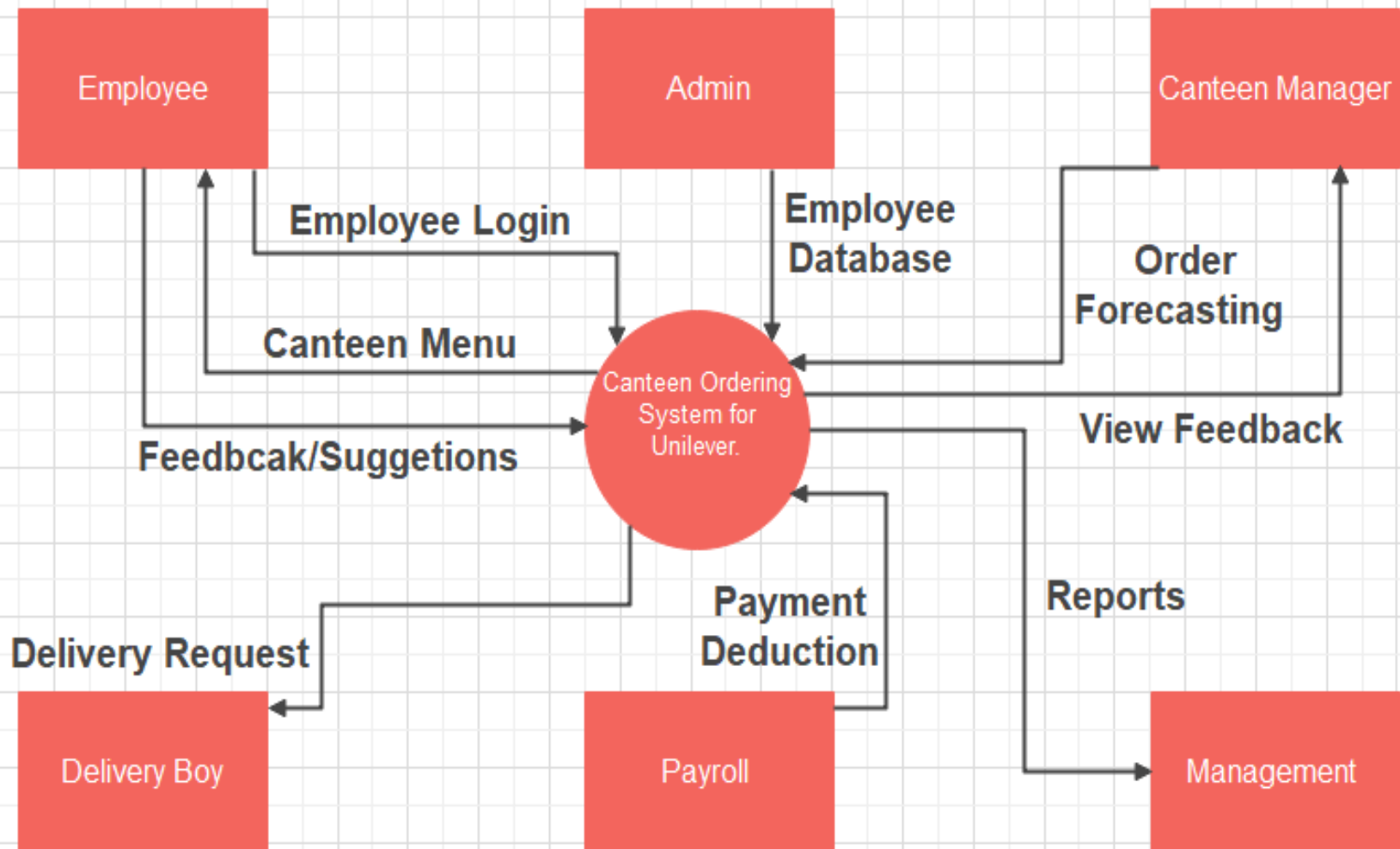
As-is process map

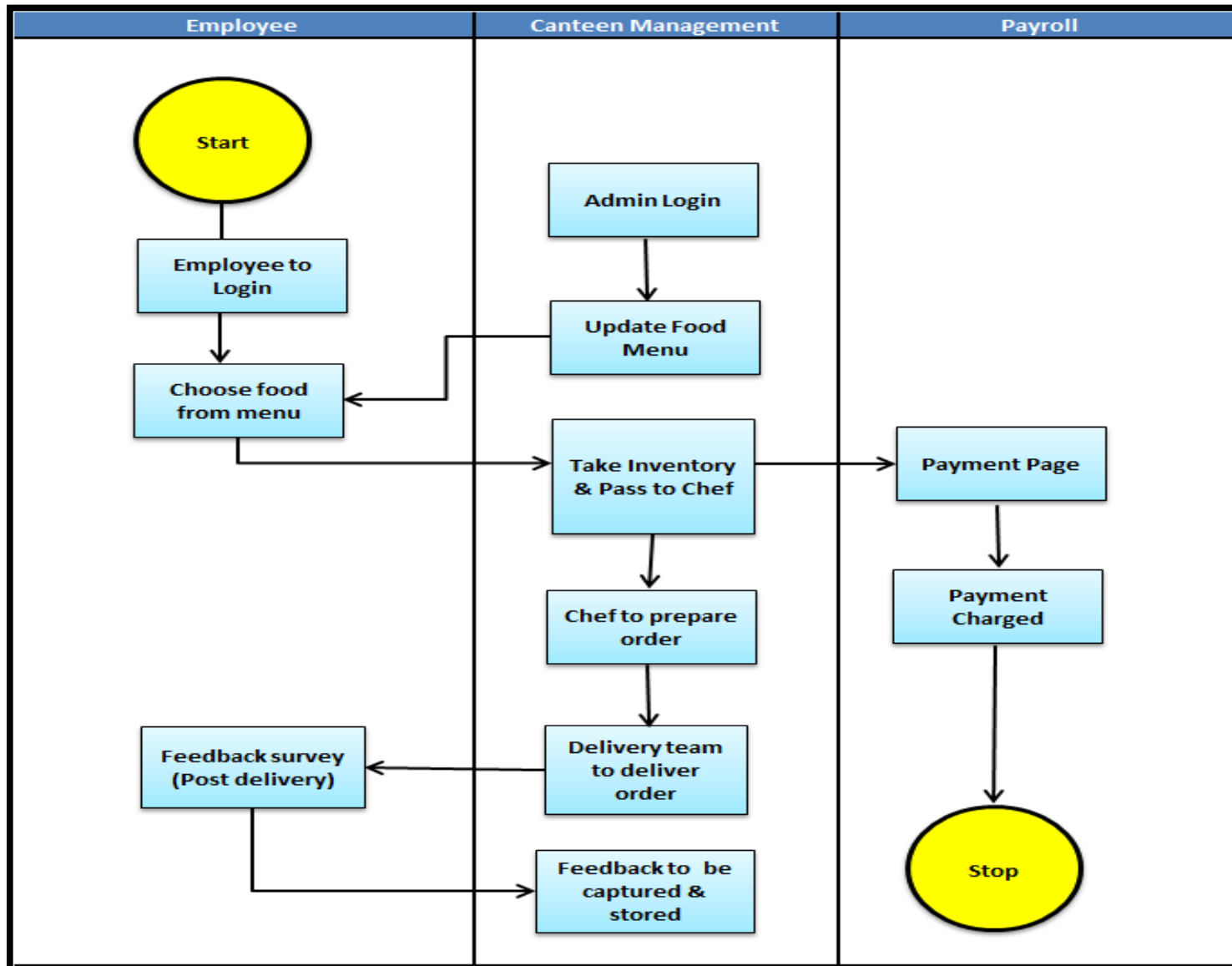# Future process map

Scope Using Context Diagram

in-scope for System

- ❖ Employee registration and Login screen
- ❖ Employee Home Page (Previous orders, Offers will be reflecting)
- ❖ Food Menu Page
- ❖ Payment Security
- ❖ Order tracking system
- ❖ Delivery Options
- ❖ Feedback Tracking & Report to be created
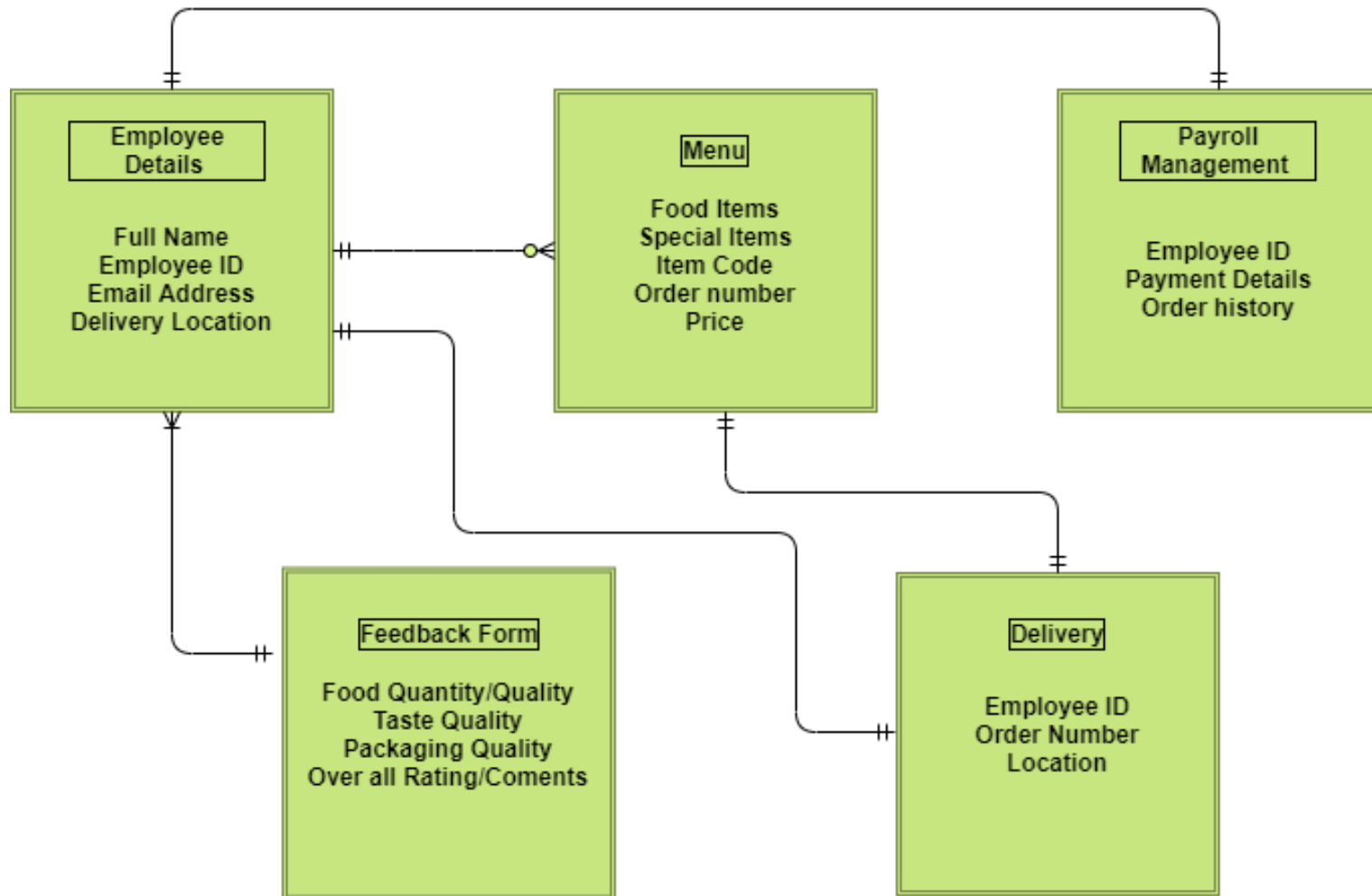- ❖ Sales report for canteen management system

Out-scope for System

- ❖ Vender Management
- ❖ Supplier details
- ❖ Chef and cook management
- ❖ Cafeteria Staff pay details
- ❖ Cafeteria Seating Capacity

Activity diagram

ER diagram

Employee Details

Full Name
Employee ID
Email Address
Delivery Location

Menu

Food Items
Special Items
Item Code
Order number
Price

Payroll Management

Employee ID
Payment Details
Order history

Feedback Form

Food Quantity/Quality
Taste Quality
Packaging Quality
Over all Rating/Coments

Delivery

Employee ID
Order Number
Location

Functional Requirements:

1. Employee Login/Registration Page
2. Cafeteria Food Menu/Daily Specials
3. Order to be placed before the mentioned timings
4. Create and edit the order before check out
5. Delivery of food to the employee work station
6. Project Manager & Other Concerned Senior Managements.
7. Secured Payment System
8. Food/Delivery Feedback option
9. Food tracking system

Prototyping of COS

Prototyping of COS

Prototyping of COS

A Web Page

https://WWW.Uniliver.canteenme

Menu

☐	Pepperoni Pizza	25$	☑	Burger	25$
☐	Margherita Pizza	15$	☐	Sandwich	20$
☑	Peri Peri Fries	20$	☑	Ice Cream	15$
☐	Veg Biryani	35$	☑	Pepsi	10$
☐	Noodles	25$	☐	Bread	5$

< View Invoice

Total Iteam Selected :- 04

Tap here to proceed Payment

THE END