

Name: Muhammad Asim Anis  
Id: FA19-BSSE-0032  
Section: CM  
Subject: SRE (Software Requirement Engineering)

## Assignment #2

### 1. Write the Vision Statement of point of sale (POS) software.

**Describes a Product Vision which should cover all the aspects given below.**

- ☐ For (target customer)
- ☐ Who (statement of the need or opportunity)/ (customer need to be solved)?
- ☐ The (product name)
- ☐ is a (product category)
- ☐ That (key benefit, compelling reason to buy, unique selling point)
- ☐ Unlike (primary competitive alternative), (competitor product)
- ☐ Our product (statement of primary difference)

### ANS)

**For** a Restaurant. **Who** Needs a point-of-sale Functionality. **The** POS System **is a** Desktop Based System, **that** provides POS functionalities, system can help you with several features that reduce the number of operations, Easy to use POS system. **Unlike** Other POS Systems **Our** product provides you with inventory management, orders management, purchasing management, customer management and sales tracker.

### 2. Create a Scope document of point of sale (POS) software. Scope document must contain the following items.

- a. Scope statement using S.M.A.R.T Goal.
- b. Inclusion/exclusion
- c. Deliverables
- d. Assumptions
- e. Constraints
- f. Acceptance criteria

#### a) Scope statement using S.M.A.R.T Goal.

Increase profit and productivity, by 20%. The Restaurant will open 5 more branches.  
Increase the customer satisfaction and cost estimates. This should take time of 10 months.

#### b) Inclusion/exclusion

Inclusion:

- Inventory management system.
- Sales Tracker.

Exclusion:

- Purchasing Management system.
- Customer Management system.
- Order Management system.

c) Deliverables:

- Restaurant will have inventory management system.
- Restaurant will have sales Tracker.
- A training manual for new and existing members.

d) Assumptions:

- The First Increment will be delivered within 3 months.
- This project will handle 60% inventory problems.
- Customer satisfaction will be increase.
- Productivity and sales will increase by 30%.

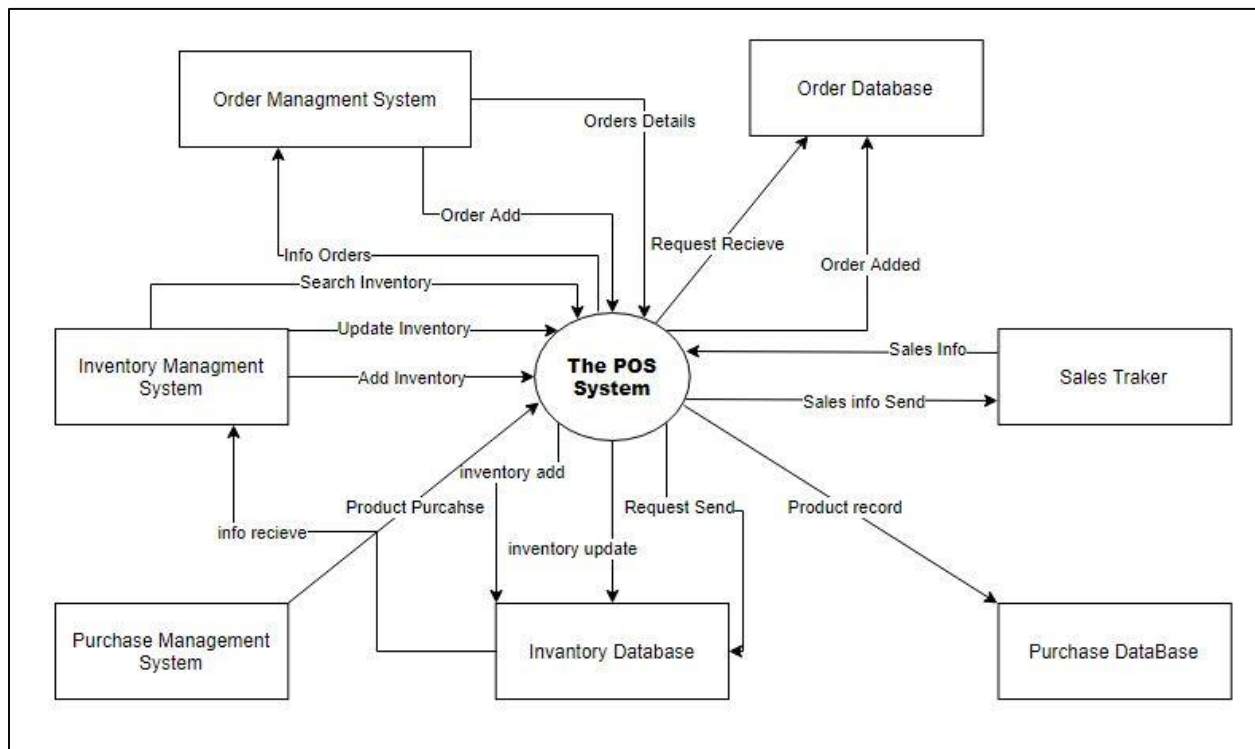
e) Constraints:

- Project must be completed within 10 months.
- Team will be working on this project from 9 Am to 5 Pm.
- The budget of this project is 1,00000 Rs.

f) Acceptance criteria:

This project will be accepted when it is agreed by team that deliverables meet there needs. The project will also be considered success if we sale above 75% of over initials and if the labor cost decrease by 50% from initial.

### 3. Draw context diagram of point of sale (POS) software (include four different types of external entities).



4. Draw feature tree of point of sale (POS) software (include three level of feature tree).

