



Mohammad Ali Jinnah University
Chartered by Government of Sindh - Recognized by HEC

Assignment 2

Subject: Software Requirement Engineering (SRE)

Section: CM

Teacher:

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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).**

Answer:

For a Wholesales Market **who** need a Point of sales (POS) software. **The** POS Software **is a** web application **that** help the user to Search specific product price, manage the product and sales. **Unlike** the other software. **Our product** provides inventory, Sales, and Customer management.

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

- **Scope statement using S.M.A.R.T Goal.**
- **Inclusion/exclusion**
- **Deliverables**
- **Assumptions**
- **Constraints**
- **Acceptance criteria**

Answer:

a. Scope statement using S.M.A.R.T Goal:

Profit rate increase by 20% and so the productivity. The Market will able be opened 2 new branch so the customer increase due to satisfaction, cost effect, and easy bill services .The entire process take 4 month time.

b. Inclusion/exclusion:

- **Inclusion**
 - i. Inventory System.
 - ii. Sales System.

- **Exclusion**

- i. Customer Management.
- ii. Sales Management.

- c. **Deliverables:**

- Market will have centralized Inventory System.
- A guide book / menu / manual may give to the Market employees which related with the software.
- Training session a provides to the Market employees which related with the software.

- d. **Assumptions:**

- The software will solve issue related to Sales.
- The software will save 40% of the time in bill process.
- The Software will run 24/7 without any mistake.
- Developer will install the software to all the counter

- e. **Constraints:**

The team should be professional in software development.

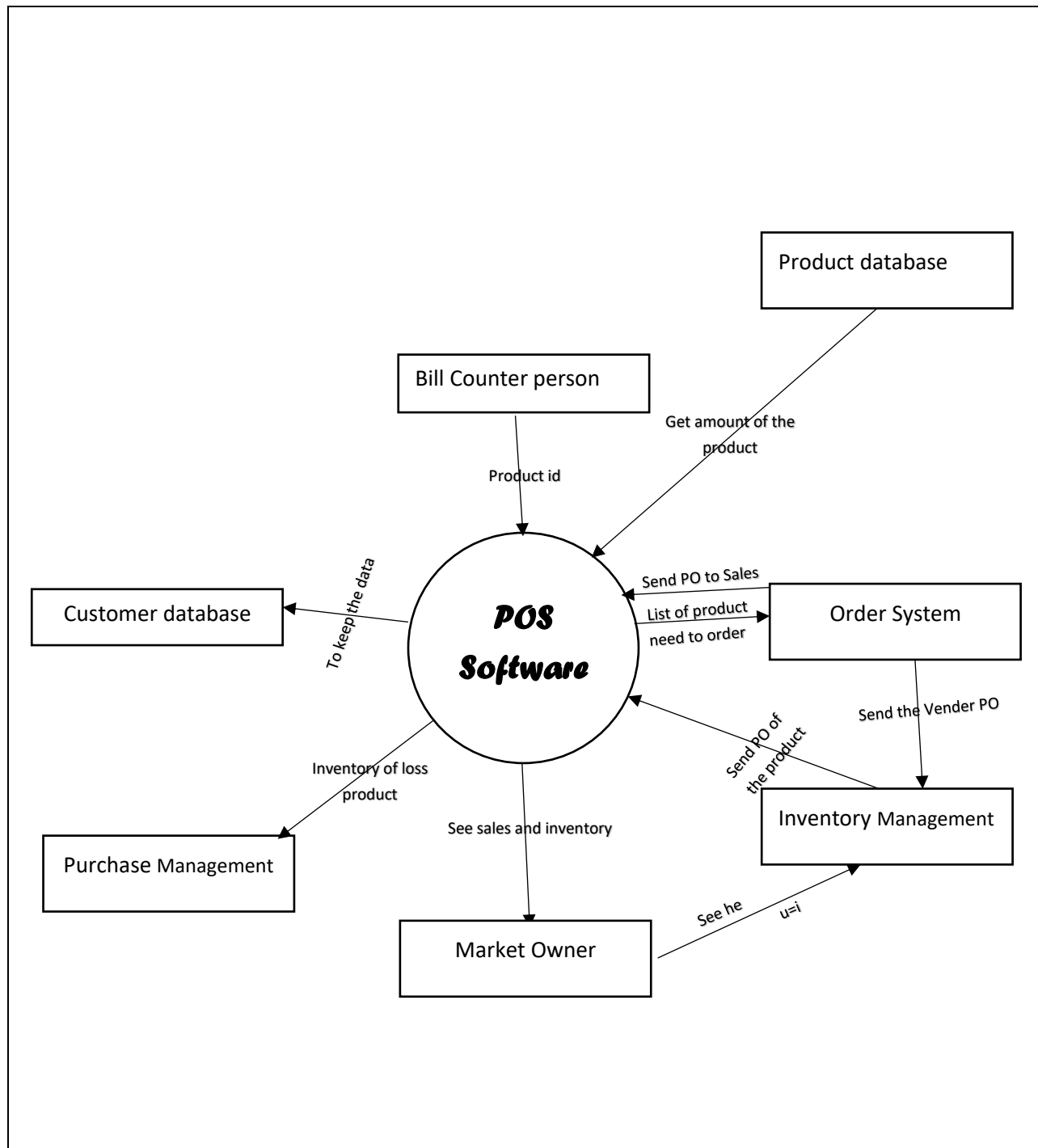
The product should be ISO 9000 certified.

The time for the development is only 4 month.

- f. **Acceptance criteria:**

This project will be accepted if the software complete the task related to inventory and sales management. The software will consider success final if it meet the need of the team that deliverables.

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).

