

## POS System Project Final Report

### Course Information

**Course:** CSE 480 Web Database Programming (Sections 1)

**Instructor:** Abdus Satter, Adjunct Faculty, CSE Dept.

### Project Name

<b>Title of Project</b>	Point of Sale System
<b>Student (ID &amp; Name)</b>	Md. Jusef (2017-2-60-160)

### Project Purpose

The purpose of the Point-of-Sale system is to keep track of sales and calculate items price easily. A point-of-sale system used to refer to the cash register at a store. Besides A pos system calculates the price of the item, and then updates the inventory count to show that the item is sold.

### Project Goals and Objectives

The goals and objectives of the Point-of-sale system are as follows:

1. For accessing store sale's history and analytics in one place, we need point of sale system.
2. To provide instant pricing and faster checkout
3. Filtering reports by price or date
4. Proper use of Point-of-sale systems will save you time that you can use in others area for growing another business.
5. For tracking operator sales report easily

### Project Description

The system that is going to be developed is Point of Sale System. This is a web-based software where you can keep track your sales. And you can easily calculate the price of the item, and then update the item is sold. You can add product and purchase product for customer. After purchase, billing report will be generated. Operator can add, delete, and update product.

## Scope

As a whole the system is focused to work with Point-of-sale system and on additional modification it can be also used as Sale system of similar organizations.

## System Users

- **Administrators:** Has full privilege on the system's functions
- **Operator :** Has privilege on the system's functions as assigned by the administrator

## Database

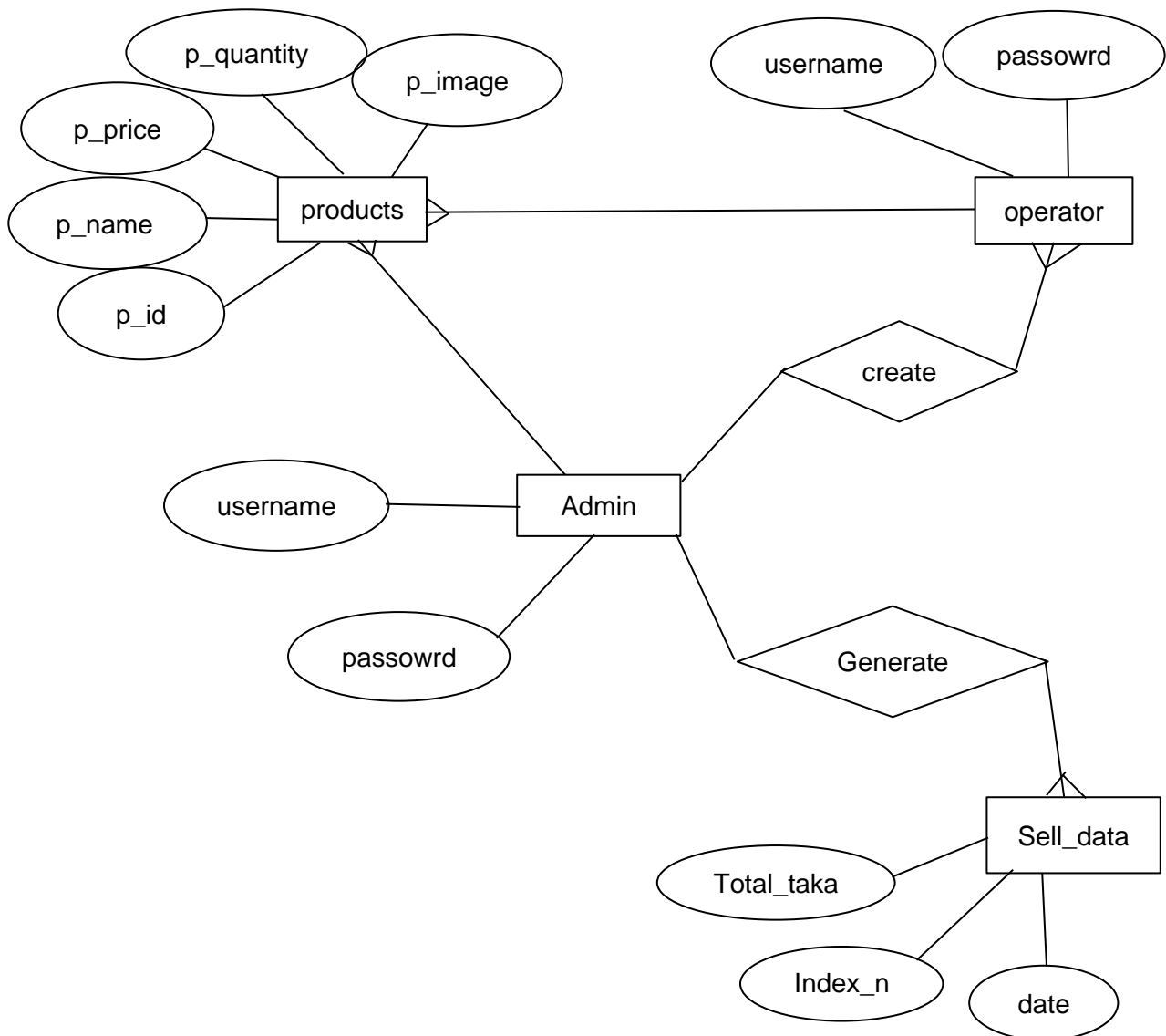


Figure: E-R Diagram

## Processes

- **Admin Login:** The system provides security features through username-password matching where only authorized admin can access the system with different authorization level.

### LOG IN

Username:

Password:

- **Operator Login:** Admin can create operator username and password. Operator only can access their panel using admin operated password and username.

### Operator LOG IN

Wrong Password. Try again....

Username:

Password:

- **Operator Dashboard:** After successful login , operator login panel will show.
- 

[Add Product](#) / [Show Product](#) / [Purchase Product](#) / [View Cart](#) / [Log Out](#)

Login Successfull  
Welcome To Operator Panel

- **Add Product:** Admin have access in all features, but operator have not. Operator can add product.

[Add Product](#) / [Show Product](#) / [Purchase Product](#) / [View Cart](#) / [Log Out](#)

## Add Product

**Product Id:**

**Product Name:**

**Product Price:**

**Product Quantity:**





**Product Image:**

 No file chosen

- **Show Product:** After successful product insertion, we can see product from database.

[Add Product](#) / [Show Product](#) / [Purchase Product](#) / [View Cart](#) / [Log Out](#)

## Product Data








Product Id	Product Name	Product Price	Product Quantity	Product Image	Actions
1	Onion	65 (Per KG)	100		<input type="button" value="Delete"/>
2	Garlic	140 (Per KG)	50		<input type="button" value="Delete"/>
4	Ginger	140 (Per KG)	50		<input type="button" value="Delete"/>
5	Sugar	60 (Per KG)	100		<input type="button" value="Delete"/>

- **Purchase Product for Customer :** Operator also purchase product for customer with different features.

[Add Product](#) / [Show Product](#) / [Purchase Product](#) / [View Cart](#) / [Log Out](#)

## Purchase Your Product

[Search](#)

  Product Name: Guava  Price :55 taka  <input style="width: 100px;" type="text" value="2"/>  <a href="#">Add To Cart</a>	  Product Name: Sugar  Price :60 taka  <input style="width: 100px;" type="text" value="Quantity"/>  <a href="#">Add To Cart</a>	  Product Name: Rice  Price :60 taka  <input style="width: 100px;" type="text" value="Quantity"/>  <a href="#">Add To Cart</a>	  Product Name: Onion  Price :65 taka  <input style="width: 100px;" type="text" value="Quantity"/>  <a href="#">Add To Cart</a>
			

- **Add To Cart:** Operator can add to cart. And immediately it will show the cart page. it will dynamically calculate total price. Operator will also add more than one product. After click on click on confirm button, it will automatically generate print slip for customer.

[Add Product](#) / [Show Product](#) / [Purchase Product](#) / [View Cart](#) / [Log Out](#)

## Cart

Product Name	Product Price	Product Quantity	Total Price
Guava	55	2	110
Sugar	60	4	240
Rice	60	3	180
			<b>Total : 530</b>

[Confirm](#) [Add More Product](#)

- **Add Operator:** Admin can add operator username and password.

[Add Operator](#) / [Add Product](#) / [Show Product](#) / [Show Operator](#) / [Log Out](#)

## Add Operator

**Username:**

**Password:**

### Technology

**Frontend Language:** Bootstrap, CSS, HTML

**Backend Language:** PHP, MySQL