

# **FINAL YEAR PROJECT REPORT**

## **BOUTIQUE POINT OF SALE SYSTEM**



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# **BOUTIQUE POINT OF SALE SYSTEM**

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*IN THE NAME OF ALLAH THE MOST BENEFICANT AND  
THE MOST MERCIFUL*

*Read: in the name of your lord*

*Who created, created man from a clot*

*Read: your lord is the most bounteous*

*Who taught by the pen*

*Taught man that which he did not know.*

*SURAH AL-ALAQ, (AL-QURAN)*

*Verses # (1-4)*

*Chap # (30)*

***DEDICATED***  
  
***TO***  
  
***Our***  
  
***Beloved Parents***  
  
***&***  
***Respected Teachers***

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# Abstract

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The aim of this project is to develop such a system that can be used by boutique management as well as selling points of the respective entity to manage and perform successful transactions and track complete record. This project is basically intended to support the boutique point of sale. It also manages the inventories, customers, sellers, and also employee records and information. It also facilitates the customers and management team to evaluate and investigate the inventories and also track the revenue of overall products, also products status. There are different types of users of the system i.e. system administrators, sales staff and customers. Each has its own privileges and actions to perform. Web Interface of the system will be allowed only to employees only. Admin will have access to web interface for maintaining system database. Admin will have access to Manage (Suppliers, Employee, Outlets, Beauty Clinics, Customers, and stock inventory system) System Configuration.

System also has different modules i.e. Outlets, Beauty Clinics, Reporting Cost Calculation, Inventory Management, Supplier Management, Customer Management And Stock Management etc. system also has complete set of inventory and stock management to calculate the appropriate stock and revenue on the basis of different factors i.e. discount on stock purchased, discount on stock sold out and Account management. System calculates the cost and manages the items of different categories and also calculates the profit and loss and manages all the outlets records. Admin can set all priorities and items return and receiving for all categories.

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Rao Adnan Ahmad  
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## CHAPTER 01

# ABOUT THE BOUTIQUE POINT OF SALE SYSTEM

---

### **1 Background**

Today is the era of Information technology. Everyone wants to have facilities to manage, control and work automatically. No manual work is preferred now a day. Every organization requires it's computerised and web based system. Every departmental store and shop is using computerised system to manage its overall functionality, so is ours Boutique system. For management and record keeping purpose computer is the best companion. It can also manage the stock inventory system and record all the functions of the organization for future use.

### **2 Mission**

We want to provide facilities & services to customers and management for their betterment and ease.

### **3 Project Description**

#### **3.1 Introduction**

As we know that it is difficult to manage large based sales outlets and also difficult to handle different customers and suppliers at once in order to manage and earn lots of review and also keep track of inventories of business. When business is expanded to large scale and there are lot of management involves then handling all such things is tricky. For example when large sales outlets and many suppliers with variety of items involves, on the same way many customers are interacting with single unit I.e point of sale of some group of company then handling such scenarios is complicated and tedious. At that moment there should be need an evolutionary technology which not only manage all the possible way outs and also provide the analysis report to better understand the growth of business.

While keeping in mind the idea of internet business solution, this application has been developed, which not only provide the maximum support in the business and also provide the better analyzing report to timely tackle down the impacts on the business. Boutique point of sale is such an application which provides many functionalities to track the inventories like item inventories, customers management, supplier management, sales management, purchase management, various reports i.e. sales, item inventory, purchase, stock etc. reports generations. Also provide the functionality to easily calculate the expenditure and overall expenses to tackle down the profit and loss in the business.

#### **3.2 Description**

System will provide the services to employees and customers. It will also provide helps to management to manage the customer requests and queries. The service main purpose is to facilitate customers and management at times. It provides help to admin to Add, Edit, Delete and Manage Stock Inventory Items. It also facilitates management to manage Staff and other applications of the organization like Customer records, Expenses, Cost and Sales of the organization. It also manages Suppliers, Outlets, Items Receiving, Orders, and Beauty Clinic functionalities and in this way manages overall operations of the organization. It also

## ABOUT THE BOUTIQUE POINT OF SALE SYSTEM

generates Reports for the satisfaction of the Owner and for creation of Profit and Loss statements for Tax and Audit departments.

### 3.3 Actors:

There are three types of actors which will interact with system.

#### 3.3.1 Admin:

Admin can manage the overall functionality of the system. He can control stock inventory and manage customers, employees, outlets and complete system.

#### 3.3.2 Sales Staff:

Sales staff can manage sales and sales return under restricted privileges.

#### 3.3.3 Owner:

Owner can check the working of overall staff and system and check the reports and calculate the profit and loss at every level.

## 3.4 Project Scope

1. **Add Customer record**  
Admin will add customers to manage customer records.
2. **Edit Customer record**  
Admin can edit customer records at the requirement of customer.
3. **Delete Customer records**  
Admin can delete customer records if customer is not visiting the organization for specific time.
4. **Add Item**  
Admin can add item in the item table to manage stock inventory.
5. **Edit item**  
Admin can edit item record whenever it is required due to change in cost sales tax etc.
6. **Delete Item**  
Admin can delete item if its sale is decreased than the minimum requirement of organization.
7. **Generate Barcode**  
Admin will generate barcode for every item to scan and manage stock inventory.
8. **Control Inventory**  
  
Admin manages the stock and inventory of item by using the inventory option to manage the quantity of item.
9. **Add New Order**

## ABOUT THE BOUTIQUE POINT OF SALE SYSTEM

Admin can take order from the customer for the speciality of organization to provide the product in time to customer.

### 10. **Edit Order Item**

Admin can edit the order item record if required by the customer or by the organization with the consent of customer.

### 11. **Check Order Status**

Admin can check and manage order status for the satisfaction of the customer.

### 12. **Delete Order**

Admin can delete order if customer has some problem with the working or design of the item or due to some other problem.

### 13. **Add New Supplier**

Admin can add new supplier to buy different products for the promotion of our own products.

### 14. **Edit Supplier**

Admin can change the data of supplier according to the requirement of organization.

### 15. **Delete Supplier**

Admin can delete the supplier whenever the supplier does not meet the condition of the organization.

### 16. **Purchase item / Receive Items**

Admin purchases items according to the requirements of organization by following the rules and regulations of both the sides i.e. supplier and organization itself.

### 17. **Suspend Purchase**

Admin can Suspend purchase when supplier does not agree to his conditions.

### 18. **Cancel Purchase**

Admin can cancel purchase when supplier rejects his conditions.

### 19. **Add New Employee**

Admin can add new employee to manage the work of organization after taking his interview considering him suitable for the requested job.

### 20. **Edit Employee**

Admin can edit the employee information whenever it changes or requested by employee to be changed.

### 21. **Delete Employee**

Admin deletes employee information to release system resources after a specific time interval of his leaving the job.

### 22. **Add New Outlet**

## ABOUT THE BOUTIQUE POINT OF SALE SYSTEM

Admin can add new outlet record whenever a franchise is given or a new outlet is opened in some locality.

23. **Edit Outlet**

Admin can change outlet record whenever its address, phone number or some other information is changed

24. **Delete Outlet**

Admin deletes outlet record whenever it is closed after managing and closing its all accounts.

25. **Add Services to Beauty Clinics**

Admin can add beauty clinic services on the requirements of the customers.

26. **Edit Services to Beauty Clinics**

Admin can make change in services provided by beauty clinic at any outlet at the requirements of the customers.

27. **Delete Services to Beauty Clinics.**

Admin can delete services to beauty clinics at any outlet preferred by the customer.

28. **Add New Expenses**

Admin can add expenses of every outlet in expense table to manage the accounts and overall profit and loss statements.

29. **Edit Expenses**

Admin can edit expenses on daily basis of every outlet to avoid ambiguity.

30. **Delete Expenses**

Admin can delete expenses in case of wrong entry avoid ambiguity.

31. **Calculate Cost.**

Admin can enter the cost of items and calculate the cost of their own items.

32. **Update Cost**

Admin can update the cost of every item whenever it is required.

33. **Make Sales**

Salesman can make the sale when customer can come to him with items in his cart.

34. **Suspend Sales**

Salesman can suspend sale when customer does not agree to his conditions or he had some problem with cash etc.

35. **Cancel Sales**

Salesman can cancel the sale when customer rejects his arguments regarding the item he wants to purchase.

36. **Sales Return**

Salesman can return and exchange the item purchased, If customer has some issue with the product like size of article etc.

### 37. **Generate Sales Report**

Admin can generate overall sales report of organization and also at the outlet level to make decisions for future.

### 38. **Generates Receiving Report**

Admin generates receiving report to calculate proper profit and loss to make further decisions.

### 39. **Customer Report**

Admin generates customer report to send thanks email and special discounts to his regular customers.

### 40. **Employee Report**

Admin generates employee report to decide about the employee working, his pay and his commissions.

### 41. **Outlet Report**

Admin generates outlet report to decide about the future of that outlet either it should remain or closed for ever in near future.

## 3.5 Related Work

Every departmental store of today is using this kind of software with basic level and very less features. We are going to create this system having more features and web based interactions for Boutique Point of Sale administration and to facilitate customers for giving concentration to the future.

## 3.6 Future Work

After creating and implementing this project successfully, we will implement some extra features of slide show of different items with their item code and credit card payment mode etc. Example: By giving them facility to choose items by using web sitting at their home and facility to free home delivery by courier.

## 3.7 Advantages

- Data Backup available at any time.
- No fear to lose data. Data Safety.
- Cost Effective.
- Low cost of stationary.
- Low Man Power required.
- Time saving
- Cheaper in terms of price

## 3.8 Risks

- Natural Disasters.
- Hardware failure
- Bad Network quality of service provider
- Power failure
- Software may corrupt.

### 3.9 Functionalities

#### 3.9.1 Sales

- **Subtract from Stock**

System subtracts quantity of all items from stock inventory when sale is confirmed and transaction is complete.

- **Add value to Sales**

System adds value to sales data and manages overall sales of the transaction.

- **Adds Cash Record**

System manages cash when salesman completes the transaction and commits it after receiving cash.

- **Calculates Discount**

System will calculate discount and will manage the account to calculate profit and loss.

- **Prints Receipt**

System will print the receipt of transaction when sale is committed.

- **Calculates Profit**

When salesman commits a transaction, system calculates profit for each item and then the profit of complete transaction.

#### 3.9.2 Sales Return

- **Add & Subtract Item to Stock**

System will add item in stock which is returned back and will then subtract the one which is exchanged with the older one.

- **Subtract from Sales**

System will subtract the returned item from the sales table of database.

- **Manage Cash**

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System will manage the cash of returned and exchanged item and make the whole calculation again.

- **Cancel Receipt**

System will cancel the old receipt of old transaction.

- **Print New Receipt**

System will print the new receipt of the exchanged transaction made by customer.

### 3.9.3 Items Receiving

- **Add Item to Stock**

System will add item quantity to stock inventory when it is purchased.

- **Calculate Discount**

System will calculate the discount on items purchased and will manage and update cost.

- **Manage Cash**

System will manage the cash and will be paid to supplier.

- **Print Receipt**

System will print the receipt of payable for its record.

- **Calculate Total Payable**

System calculates total payable to every supplier when items are purchased in different quantity.

### 3.9.4 Reports

#### 3.9.4.1 Sales Report

- **Total Sales**

System will calculate the total sale during the date described.

- **Tax Calculation**

System will calculate the total tax during the date specified.

- **Total Expenses**

System will calculate the total expenses during the date specified.

## ABOUT THE BOUTIQUE POINT OF SALE SYSTEM

- **Net Profit**

System will calculate the total net profit by subtracting and adding different values.

### **3.9.4.2 Customer Report**

System will calculate the total sale made by the specific customer for described period of time.

- **Calculate Total Sale**

System will calculate the total Sale of the customer for that period.

- **Calculate Taxes**

System will calculate the total tax paid by customer and subtract it from his sale and add it to taxes table of the database.

- **Calculate Net Profit**

System will calculate net profit earned from customer by subtracting taxes and discounts etc.

### **3.9.4.3 Receiving Report**

System will calculate receiving amounts and taxes paid by the organization.

- **Total Receivings**

System will calculate the total items received and total amount paid for those items during specific amount of time.

- **Calculate Taxes**

System will calculate taxes paid to the supplier and will be added to the cost paid to manage account properly for Board of Directors.

### **3.9.4.4 Employee Report**

System will calculate the total sale of employee and outlet and the profit earned for specific period of time.

- **Total Sale**

System will calculate the total sale done by that employee to calculate his commission.

- **Calculate Taxes**

System will calculate total taxes received by that employee for his sale.

- **Calculate Discounts**

## ABOUT THE BOUTIQUE POINT OF SALE SYSTEM

System will calculate total discounts given by that employee to check his total sale and net profit earned by him.

- **Calculate Expenses**

System will calculate the total expenses done by that employee for that outlet to generate profit and loss balance sheet.

- **Profit of Beauty Clinic**

System will calculate profit of beauty clinic working under that outlet and use it for balance sheet

- **Net Profit**

System will calculate net profit on the basis of above mentioned information for that outlet.