

Case Study 1

1. Requirement Definition (RD)

- Admin can register the staff through the system by entering individual's username and password.
- Admin can access the customer service panel.
- Admin can send the customer service receipt to the customers.
- The staff can log in with their name and password to access the system.
- The staff can proceed to new product sales and services accordingly.
- The staff can send a copy of sales receipt to customers.
- The staff can also update the customer service records on demand.

2. Data Requirements

- Staff details (username & password)
- Log in information
- New sales and services demands
- Receipts (Sales & Services)

3. Functional Requirements

- The system supports customers purchased receipt.
- System can search the product from the stock according to customers demand.
- System can add stock.
- System can update stock.
- System can delete stock.
- System can show the stock report.
- System can show the sales report.
- System can register new staff.
- System can add customer service.

- System can update customer service.
- System can view all the service records according to product specific ID.
- System can update password (Admin & Staff).

4. Non-functional Requirements

- The system can save stock into the database safely.(ACID properties)
- The system can support all the PC (Personal Computer).
- The system can create a backup database file after every transaction (sales, stock, service, update of authentication details).
- Stock should be added after end of sales per day.
- For security issues only admin can change the password on behalf of staffs.
- Staffs can only access this system for sales, service and checking reports.

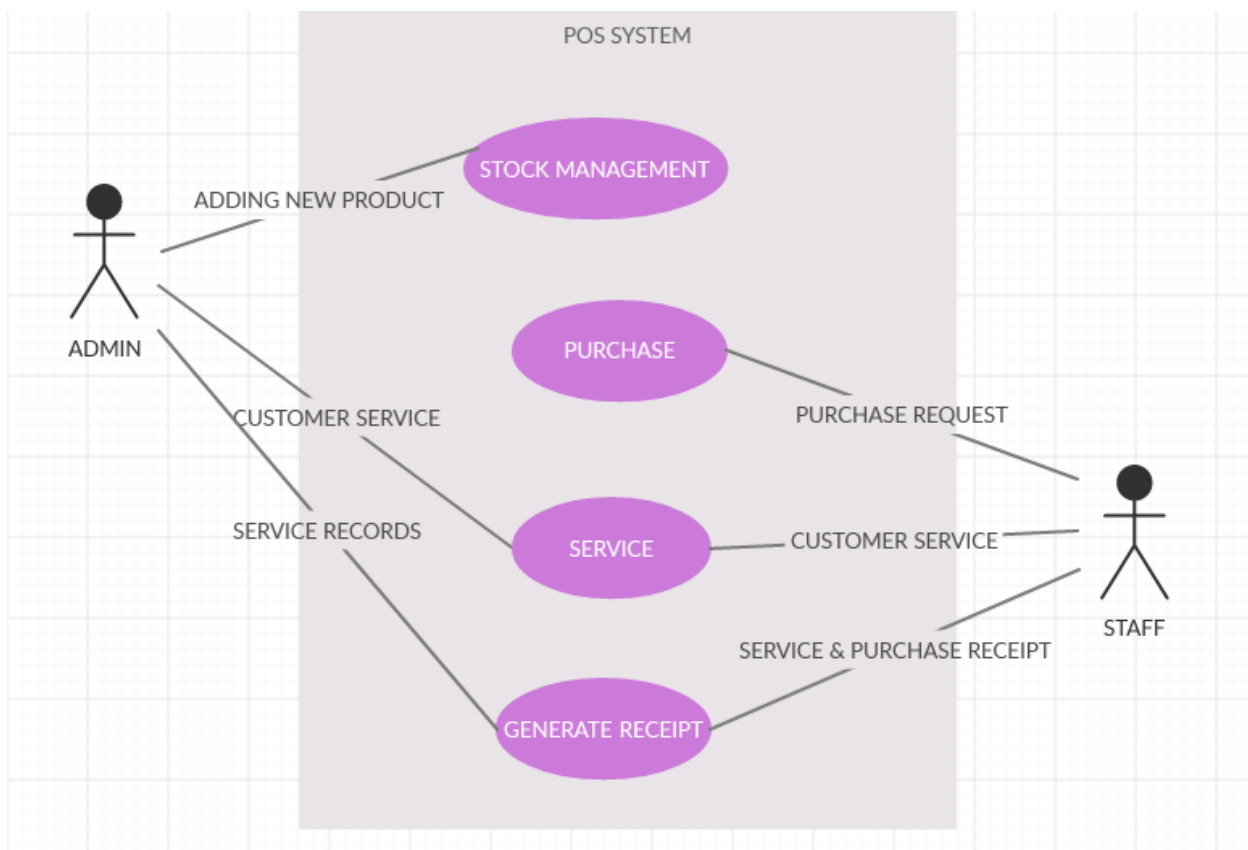


Fig . Use Case Diagram for POS System