

## **Case Study 1**

### **Task 1: Requirement Definition (RD)**

- Admin can register the staff through the system.
- Admin can update the staff's information and products.
- Admin can send the customer service receipt to the customer.
- The staff can log in with username and password to access the system.
- The staff can update the customer service records and daily order.
- The staff can send the total sales receipt to the customer that buys the products.

### **Task2: Data Requirement**

- Staff's details information
- Log in information
- New product or stock
- Sales report
- Daily order

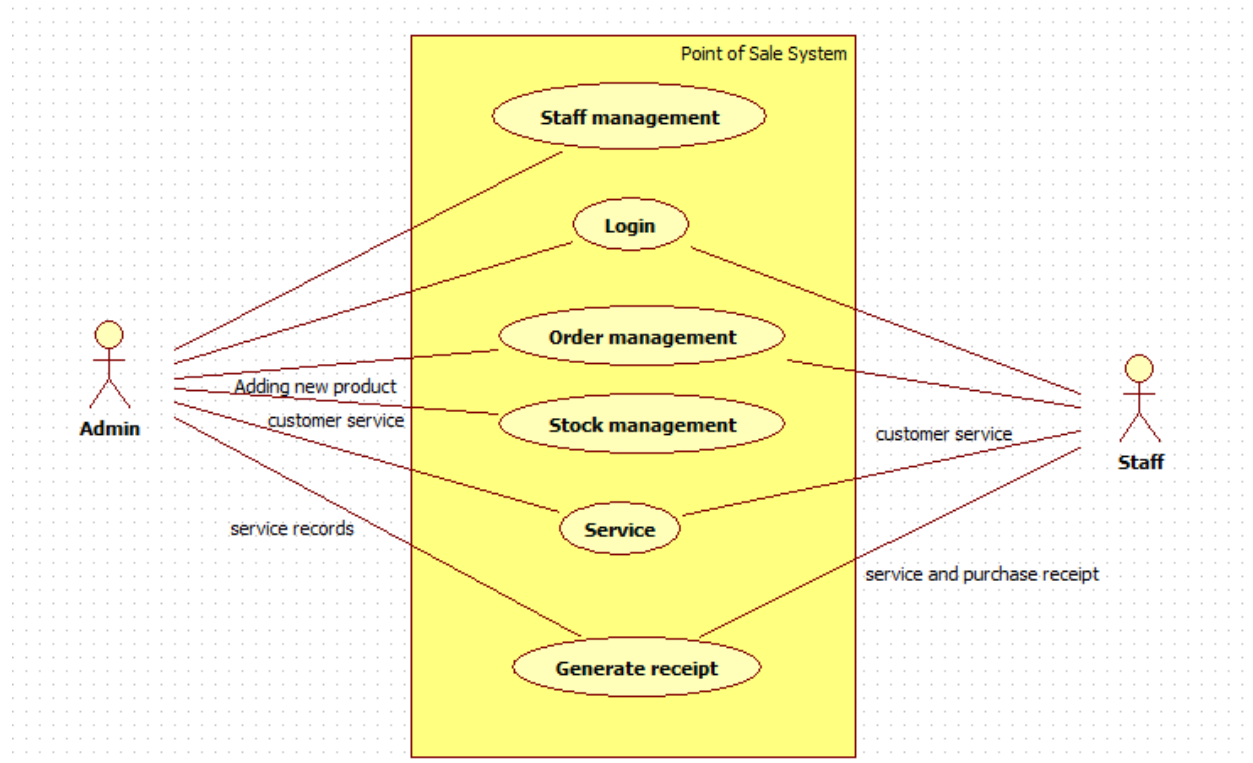
### **Task3: Functional Requirement**

- System supports the customers purchased receipt.
- System can search the product from the stock according to customer demand.
- System can add, update and delete stock.
- System can show the stock report and sales report.
- System can register new staff.
- System can add and update customer service
- System can view all the service records according to product ID.
- system can update the username and password (Admin & staff)

#### Task4: Non –functional requirement

- System can save stocks into the database safely.
- System can support all PC, Mobile Phones and Tablets
- For security issues only admin can change the password on behalf of staff.

#### Task5: Use Case diagram



**Fig: Use case diagram for Point-Of-Sale system**

## **Case Study 2**

### **Task 1: Requirement Definition (RD)**

- Admin can register the staff through the system.
- Admin can add, update and delete the staff's information and products.
- Admin can add, update and delete delivered report information.
- Delivery staff can log in with username and password to access the system.
- Delivery staff can get or collect delivery information and can report delivery information list to admin.
- Delivery staff can send the total sales receipt to the customer that buys the products.

### **Task2: Data Requirement**

- Delivery Staff's details information
- Log in information
- Product or item
- Delivery information (Location, Phone no, what product will you buy?)
- Delivery fees

### **Task3: Functional Requirement**

- User can login with user name and password in order to use the system.
- System can be able to record the sale of item.
- System can be able to capture purchase information.
- System can be able to register new members.
- System can update membership detail.
- System can display the description, price of an item and delivery fees.
- System can calculate payment or fee.
- System can generate required report (eg. End of week total sales report, daily report)

#### Task4: Non –functional requirement

- System can be user friendly, with easy to understand instruction.
- System can support all PC, Mobile Phones and Tablets
- System can save staff's information and report into the database safely.
- System can respond with user's account status.
- For security issues only admin can change the password on behalf of staff.

#### Task5: Use Case diagram

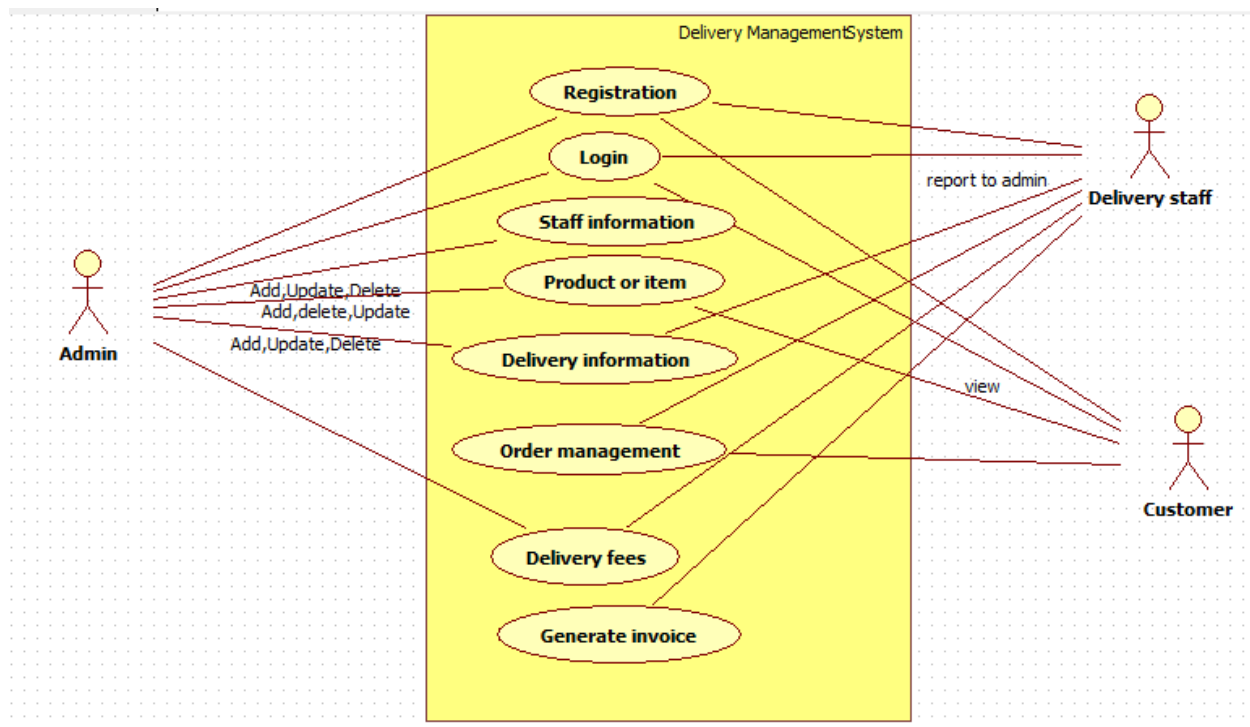


Fig: Use case diagram for Delivery Management System