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Case Study 1:

Task 1: Requirements Definition

* Admin and staff registers in system
* Records the sale
* Records the orders
* Types of shoes
* Price
* Stock

Task 2: Data Requirements of the system

* user information
* login information
* customer details
* stock details
* items details such as color,price,size,category,brand

Task 3:Functional Requirements of the system

The system must provide following functionalities

* Keeping records of admission of customers.
* Keeping records of product.
* Keeping the daily sell.
* Storing the feedback given by the customer.
* Keeping details about the product it is delivered or not.
* System can add,update and delete stock.
* System can show stock report and sale report.
* System can update password.(Admin & Staff)

Task 4: Non functional Requirements of the system

* The system can save stock into the database safely.
* The system can support all the PC.
* 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 sale per day.
* Secure access of confidential data(customer's detail).
* Security and safety
* Data Integrity
* User name and password are cypertext.

Task 5: Use Case Diagram