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1. Requirements Analysis

# Assignment Specification

Use Swing/C# API to design and implement an application for the order managers of a furniture manufacturer. The application should have two types of users (a regular user represented by the order manager and an administrator user) which have to provide a username and a password in order to use the application.

The regular user can perform the following operations:

Add/update/view order information (customer, shipping address, identification number, delivery date, status.).

Create/update/delete/view product information (title, description, color, size, price, stock etc).

Add products to order and update order value and stock accordingly.

The administrator user can perform the following operations:

CRUD on employees’ information.

Generate reports for a particular period containing the activities performed by an employee.

# Functional Requirements

CRUD on orders information

CRUD on products information

Login as admin or regular user

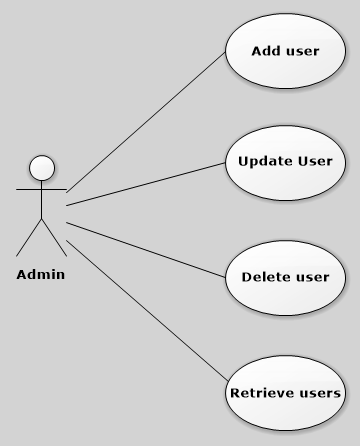
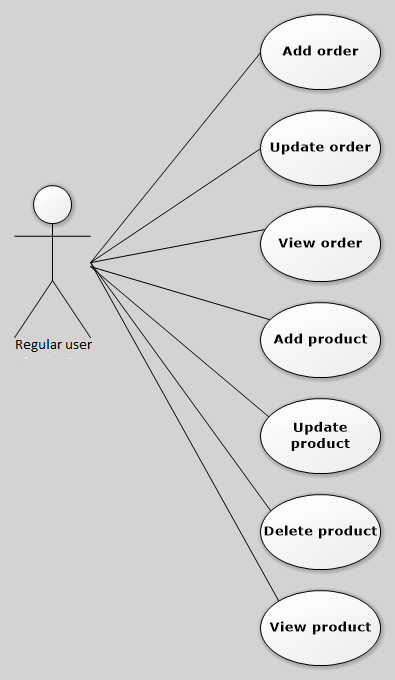
CRUD on employees information

# Non-functional Requirements

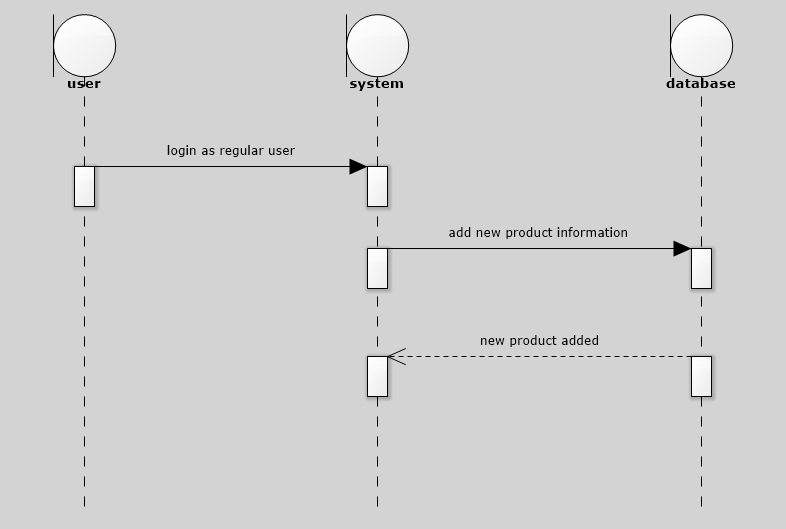
Add products to order and update order value and stock accordingly

Generate reports for a particular period containing the activities performed by an employee.

2. Use-Case Model

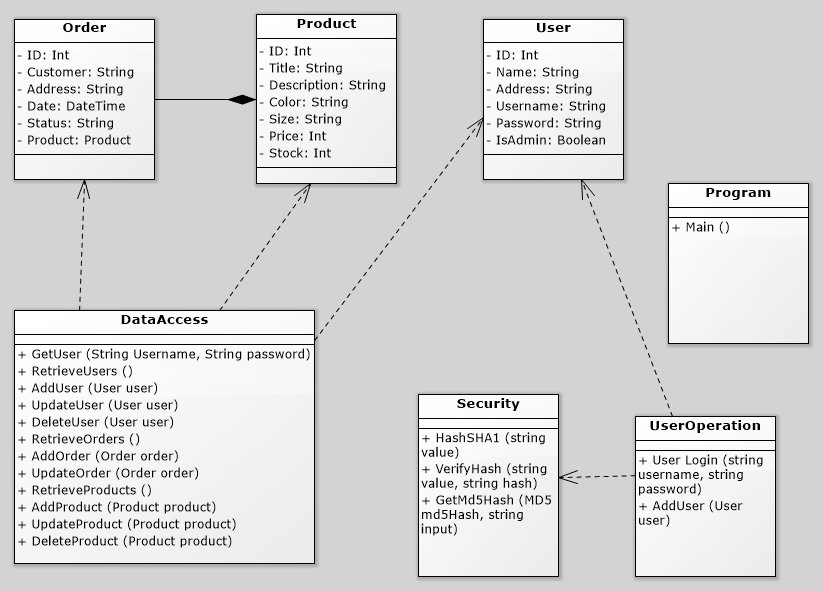


3. UML Sequence Diagrams



4. Class Design

**UML Class Diagram**



5. Bibliography

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