Stock Maintenance system

ERP system for companies to manage their activities which include inventory management, healthy relationship with suppliers, dealing with customer needs etc. The system will have a GUI where users can view, change and delete content based on admin rights. It provides one point access to manage these wide range of activities both effectively and efficiently.

- There are five actors - Admin, customer, supplier, employee
- All the actors login through their designated login credentials.
- Classes - order details, inventory, product
- Roles of each actor
    - Admin has access to all classes
    - Customer has access to product and order details classes
    - Supplier has access to order details and inventory

Flow of the system
- Admin creates supplier and employee roles
- Customers can sign-up by entering their details. Existing customers can login using their credentials.
- Then they place an order for a product, system takes them to the payment gateway and if successful the order is placed
- Supplier gets an alert and ships the product.
- Employee makes sure everything is functioning properly and assists customer in case there's an issue