Computer Shopping System

1. Draw use case diagram on computer shopping system (CSS)
   a. The computer shop sells laptops and desktops
   b. You can search and buy a product based on brand, memory, screen size, price, and/or VGA cards
   c. You can borrow a device on rent
   d. You can buy a device on loan, in addition to other payment methods
   e. A customer can sell products, review a product, request to assemble a device
   f. Admin can manage products and customers
2. Loan a device
   a. Write a use case scenario on "Loan a device" with exception conditions
   b. Draw a sequence diagram on the above-mentioned use case
   c. Draw a communication diagram on the above-mentioned use case
   d. Draw a statechart on the above-mentioned use case
3. Review a product
   a. Write a use case scenario on "Review a product" with exception conditions
   b. Draw a sequence diagram on the above-mentioned use case
   c. Draw a communication diagram on the above-mentioned use case
   d. Draw a statechart on the above-mentioned use case
4. Draw the initial class diagram on CSS
5. Draw the detailed class diagram on CSS
6. Write black box test cases on Loan a device and review a product use cases
7. To practice ethical case studies, you can pick any of the provided case studies.