Assignment [2]

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Section [02]

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MATAPELAJARAN: SOFTWARE PLANNING AND REQUIREMENT WORKSHOP			**/ 15**
TOPIK: use case	**KOD:** BCS2333		
PENILAIAN: Assignment	**BIL:** 2	**MASA:** 3 Hours	

NO MATRICES : CB13006

Instructions:

1. This work should be done individually. But you are allowed to discuss with your colleague.
2. Submit softcopy at the end of lab session.

Questions

Your junior colleague sends you the following use case.
You should expect to find many mistakes on it.

a) Analyze the use case below, send back **FIVE (5)**
critiques and corrections to your junior colleague.

(5 Marks)

b) Rewrite the CORRECT use case. (Please write *Use Case Description* format)

(10 Marks)

Use Case: Login
This use case describes the process by which users log in to the order-processing system. It also sets up access permissions for various categories of users.

Flow of events
Basic Path:
1. The use case starts when the user starts the application.
2. The system will display the Login screen.
3. The user enters a username and password.
4. The system will verify the information.
5. The system will set access permissions.
6. The system will display the Main screen.
7. The user will select a function.
8. While the user does not select Exit loop.
9. If the user selects Place Order, Use Place Order.
10. If the user selects Return Product, Use Return Product.
11. If the user selects Cancel Order, Use Cancel Order.
12. If the user selects Get Status of Order, Use Get Status.
13. If the user selects Send Catalog, Use Send Catalog.
14. If the user selects Register Complaint, Use Register Complaint.
15. If the user selects Run Sales Report, Use Run Sales Report.
    End if
16. The user will select a function.
    End loop
17. The use case ends.

*Analyse the use case below, send back **FIVE (5)** critiques and corrections to your junior colleague. (5 Marks)*

1. The first fifth steps are about how to access the system, but that is a different goal level entirely and should be separated out.
2. The customer can accessing into the system, but never can be logout.
3. The statement too general, it could be more specific.
4. No preconditions and post conditions are stated here.
5. Does not have alternative flow of events.

Rewrite the CORRECT use case. (Please write Use Case Description format) (10 Marks)

Use Case Name:	Login
Description	This Use Case describes the process by which users log into the order processing system. It also sets up access permissions for various categories of users.
Priority:	Essential
Actor(s):	▪ Customer [primary actor] ▪ Order System [secondary actor]
Stakeholder:	▪ Account Owner ▪ LINK(communication between order system)
Status:	High Level
Pre-Condition:	The order system customer has to insert username and password into the login system
Post Condition:	The order system customer has received their sales report (and optionally a receipt)
Flow of Events:	1. The customer starts the application. 2. The system requests a username and password at login page 3. The customer enters their username and password into the system 4. The system verifies the username and password is a valid 5. The system presents service options

	including "Place Order"
	6. The customer chooses "Place Order"
	7. The system presents options for products
	8. The customer selects an products
	9. The system verifies the order and record in sales report
	10. The system also presents service options including "Cancel Order"
	11. The customer chooses "Cancel Order" or delete order
	12. The system verifies the order has been deleted
	13. The system also presents service options including "Register Complaint"
	14. The customer chooses "Register Complaint"
	15. The system verifies the complaint has been record
	16. The last that also been provide by system service option including "Run Sales Report"
	17. The customer chooses "Run Sales Report" or receipt
	18. The system show the report
Subordinate Use Cases	▪ System Access-Login ▪ Manage Orders-Display Main Screen
Non-Functional Requirements	▪ Completing time order ▪ Language support

References

0670_Schneider_Ch07.pdf [Documenting Use Case]

http://epf.eclipse.org/wikis/epfpractices/practice.tech.use_case_driven_dev.base/guidances/guidelines/detail_ucs_and_scenarios_6BC56BB7.html

http://readyset.tigris.org/nonav/templates/use-case-format.html