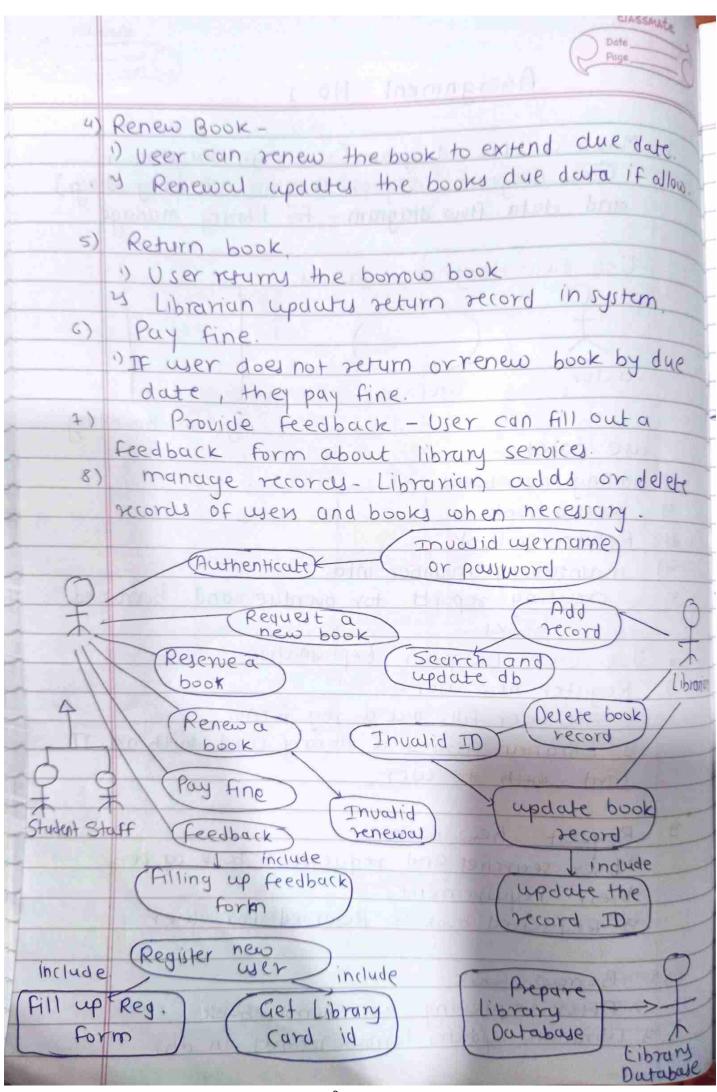
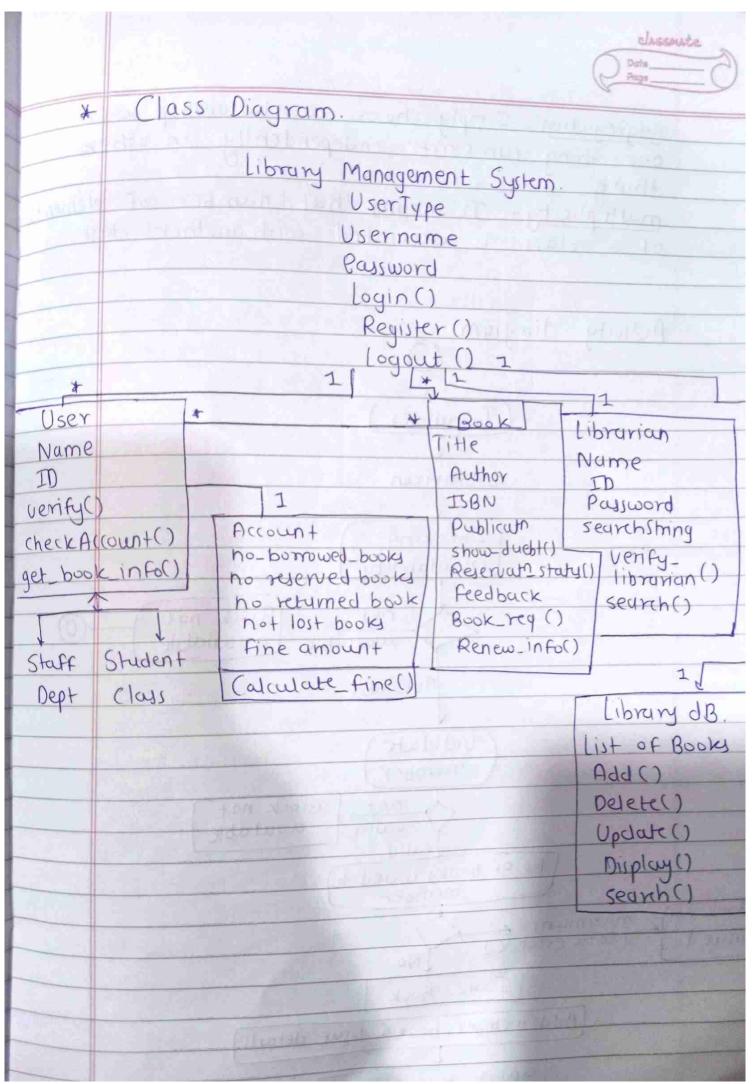
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	Assignment No.1
-	1 Make a UMI
CIN CIN	
	and data flow discorrum (Activity diagr)
	Class diagram, Object Diagram, Activity diagr) and data flow diagram for library manage.
1	Use case diagram notations.
	Tartie O II brown a control of the bank of creaters and
9.	Had Stand Guard as many a little to the standard of the standa
	we case
She.	DE LUCILLA MED YOUR - STORAGE System Boundary
	age cages 12 Missell Moodes march standbest 1
	adding new books
2	5000 5002
3)	
4	The man was a second of the se
5)	creating reports for overdue and borrowed
Def.	he books.
K	Use Case Diagram Explaination.
)	Register new wer-
	, the wer fills out a reg. form.
	y Librarian issues a library card with an ID
	card with to wer
	Good alphan K T. Worth C 211 4 1
y	Request New book-
	1) User searches and requests a book as per
	their requirement.
	y Requested book is Reserved for wer.
16.5	
3)	Borrow book -
	1) Oc. a milian was book
1	3 Librarian updates borrow records in db.
1.50	Lividian against





olation's le	Problem Statement 2 Design an e-commerse applicate that supports mands payments methods. The system should be easily extensible in future, allowing for addit of additional payment methods without changes existing code. Determine and describe which existing code. Determine and describe which diagram pattern should be most appropriate for this situation. Provide a thorough solution that incorporates this design patterny including class diagrams a explaination of how it solves the problem.
-)	The best design pattern for this problem is strategy pattern that belong to behavioral design pattern in software engineering. It promot openiclose design where system is open for extern a change existing code when adding new strategies
	Payment Incorporate this design patterns a) Payment strategy Interface: Defins the common iterface that all payment methods will implement b) Concrete payment strategies - there are individual payment methods, such as create payment () Payment context class - This class maintales a reference to payment statung object a allow clients to change the payment strategy at runtime

