	Assignment 1 Shahwal Shah G0004220126
	TYBlech Comps B
Q 1	Elaborate task set for creating component level design in 00 concepts.
	Component level design is an important step in 00 software developement. It involves (reating detailed design for individual component of software system based on reautement & specifications
	Task Set involved in creating a component level design. 2) Identify all design classes that correspond to the problem.
	1) Identyly classes corresponding infrastructure as these classes are not described in reautioned model.
	3) Elaborate design classes that are not covered elaboration realises that all interface that attributes & operations.
	Leavisements model makes up ig a collaborate diagram.
	Although the is optimal it can be used as a precurion to specification
	operation.
	> Elaborate attributes and detail date types and date structions reasoned to implement them if an attribut appears
	repeatedly a cross a no. of design. Describe process flow with in each operation in detail. This may
	be accomplished using programmy
	5) Denelop and elaborate behavioral representation for a class on components. State diagram were used as part of recurrence.
aram)	Jornal, FOR EDUCATIONAL USE

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12 Explain golden rules of user interface design	
The following 3 rules agre	
O Place vous interjace	
Reduce user memory load.	
Make interjace consistent.	
O Place uses interface.	
- Define interface mode in such a way that does not for	Q
User into unnecessary understed provoss.	
5 Provide Mexible interaction.	
- Allow user interaction to be interruptible and undoable.	
tide technical internals from casual view.	
Design jor direct interaction.	
@ Reduce users memory load	
-> Reduce demand on short term memory	
-> Establish meaninger defaults	
- Define snortcuts that one intuiting	
-> Misual causons of interface should be based on a real	
world metaphor,	
(3) Make interprece convider.	
-> Allow user to put current tak into meaningfull context.	
- Maintain Consictency across a family of applicators.	
-> If gast interactive model have created user expectation	0.70
do not make change Unkel there is a compto competing	,
reason	
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	Elaborate with suitable example process of transform mapping. Transform mapping is a technique to translate a data flow diagram with a specific flow characteristic called transform flow into sufficient and such technique.
	1 Identify reausement - Understandy software system this
	involves gathery information about what system expected
	to do in input, output and any then formation teaming.
	Eg. For demlopry pay voll maragemen system.
	(2) Analyze input & output - Analyze input & output to determe
	Structure journet any constraint or teampeness assume
	3 Deline transpormation - Henry Harry ormation needed to consent
	input into output.
	(i) Map input to transformation - Map each input to transformation
	it undergoes. This step involves understanding how each input
·	@ Map transformation to output, Determine which transformation
	contribute to generally each output. This ster involves
	understandy how serults of tensformation are commed to
9-4	produce.
	a Reline and validate: Reviews transform mapping to ensure
	accuracy and completeness. Validate mapping through testing
1	and feedback to ensure that It mets reasuremen and
	produces expected result.
Фu	Elaborare with suitable examples the process of transaction
	mapping.
	> Transcrion mapping in sufficience argineering involves mapping
	from of transactions twough a system. Transaction represent
	disort units, of work that either complete entirely
	or not at all.
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