		Assignment 1 Shahwal Shah
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		TYBlech Comps B
	10	Elaborate task set for greating componers level design in 00
		concepts.
	_	Component level design is an important step in 00 software
		developement. It involves creating detailed design for individual
	- 11	component of software system based on reautement & specifications
	11	Task Set involved in creaty a component level design.
		2) Identify all design classes that correspond to the problem.
		I Identify classes corresponding infrastructure as these classes are
	- 11	not described in reaurement model.
		3) Elaborate design classes that are not covered elaboration
		realises that all interface, from attributes & operations.
	L) Specify message details when closes or componers collaborate,
		reautements model makes ur joj a collaborate diagram.
	A	Itnough the is optimal it can be used as a precurion
	- 11	to specification
	->	Identify appropriate interfaces for each component in essence
	11	revation.
1	4	Elaborate attributes and detail date types and data
	11	tructions reacured to implement them if an attribut appears
re I	70	peadedly a cross a no. of derign.
	ر د	Describe process flow with in each operation in detail. This may
	11	re accomplished using programmy
	11	Denelop and elaborate behavioral representation for a Mans
	11 /	components. State diaprem were used as pour of realisement.
	11	Elaborate deployment diagrams are represented in resouiptor
		Jornad,
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192 Explain golden tules of user intudace design	
The following 3 rules agree	
O Place ver interface	
@ Reduce user memory load. 3 Make interland	
De Make interjace consistent. De Place User interjace.	
Define interface mode in such a way that does not joy	
	Q
motorichen.	
to be interrupting and until	0
resultational Man social issue	
1 1 des direct interaction.	
1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
© Reduce users memory load and	
-> Reduce demand on short term memory	
-> Establish meanique defaults Define shortcuts that are industrie	
> Nisnal layous of motortime	
as Misnal layous of Interface should be based on a real world metephon,	
	•
(3) Make interpret commider.	0
-> Allow user to put current tak into meaningful context.	
Maintain Consistency across a family of applications.	
-> 12 past interact a could be samily of applications,	
do not make change while have created user expectato	P
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	3 Elaborate with suitable example process of transform mapping.
	- Fransform mapping is a technique to translate a data 11000 diagram
	with a specific flow characteristic called transform flow into software
V	architecture.
	1 Identify reautement - Understandy software systems, this
	involves gathery information about what system expected
	to do is input, output and any then pormeton beauted.
	Eg. For dendoping pay voll managemes system.
	(2) Analyze input & gutput - Analyze input & output to determe
	Structure journet any constraint of reausement associated
0	3 Deline transpormation - Henry Franspormation needed to consent
10	input into output
	(i) Map input to transpormation - Map each input to transpormation
	it undergoes. This step involve understandy how each input
	@ Map transformation to output, Determine which transformmen
4	contributes to generally each output. This step involves
	understandy how results of tourspromation are combined to
	produce.
	6 Reline and varidate: Reviews transform mapping to ensure
	accuracy and completeness. Validar mapping through testing
	and feedback to ensure that It mets reauvenue and
	produces expected results.
	The second secon
Фu	Elaborare with suitable examples the process of transaction
	mapping.
	Jour of transactions twough a system. Transaction represent
	disorete units. of work that either complete entirely
laram	of not at all. FOR EDUCATIONAL USE
laram)	FOR EDUCATIONAL, USE

	Olderty transaction types: Begin by identify in different types of
1 4	transaction in system.
L _j ,	6 Define transaction boundaries - Determine boundary of each
	transaction includely action that ordain stand and and and travely
- 1 -	3 Identy data dependencia associated with transaction involves
. L	understordy comit data elements agre read.
	@ Map transaction to processes within system that handle
	it. This step involves identifying modules or Junators responshe
. 11	1 101 exentry each transaction.
	3 Deline Haryactor flows through System includes any
	seavented Or parallel executor pate. This step shrolnes
	Understand order in which transaction are initiated and
Taking.	their inderaction with other transaction.
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