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SE Assignment 1

	SE- Assignment 1.
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	COMPS - CS)
81	Elaborate Jask st for creating component level disign un 00 project. The Jask set for creating to level disign un 00 projects Identify all disign corresponding to problem Domain Identify all disign classes that correspond to Infrastr. Dom.
7	The Jask set for creating to level design un or projects
()	Identify all disign corresponding to problem Domain
2	Identify all dungs classes that correspond to Infrastr. Dom.
3)	Elaborate all disign classes that are not gaywred as
	vilusable component.
	(i) Specify missage Details when classes / components Wilaborate
	Process Annual Control of the Contro
	(ii) Identify appropriate interfaces for each component
	(iii) Elaborate attributes & define data types & Data-
	Structure augusted to implement them.
	(iv) Describe processing flow within each operat
	MI ourai.
4)	Describe present DS 4 identify the classes
	required to manage them.
5)	Develop 4 Elaborate Behavioral Representation
	for a class on component.
6)	Elaborate Deve Copment diagrams to provide additional implementation Details.
	additional implementation Details.
7)	factor every component level design
	factor every component level design Representation 4 always consider alternatives.
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2)	The golden Rule of user Interface are:
2)	me golden room
1/	VISTOTALY
ii	Fred Book Feed Back
	Consistency Flexibility.
ν	
•	Methodology
a)	Place usor un controle
6)	
c)	
	Define a Interaction modes un a way that does
	not force a user unto un necus any action.
	Pronde for flexibility un achon
	Streamline Interaction with increasing skillerel 4
	allow customized unteraction.
	Hide technical internals from casual users
	Design for direct interaction with objects that
	appear on screen.
<u>d)</u>	Reduce users memory load
	Reduce demand on short form memory
	Establish meaning full defaults.
	Define short-cut Intiuhves
	Disclose un formation un progressive fashion
e)	make unterface concustent
	Allow user to put current talk into a meaning ful
	conkert.
ram)	FOR EDUCATIONAL USE

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(3) 7	ransform mapping is a process used un software
	Engineering to map data flow from source
	It is a set of dung step that allow a DFD with transform flow characteristics to be mapped unto
	a Sheafed architecture Style
	To map DFD unto a software Architecture, we
	would unihate the following Steps:
()	Review the fundamental system model.
	Review 4 Refine Data flow diagram for Software
3)	Determine within DFD has transform transaction flow
	Characteustics.
4)	I solate the transform center by sheefying incoming
-1	& outgoing flow boundries.
5)	perform furi frust level factoring.
() -)	Perform second level factoring.
-/)	Refine first iteration Architecture using dung hurute
	for improved & software
(4)	Transaction mapping us involves mapping the flow
	of transaction within a system
	It helps ensure that all necessary steps
	are identified 4 Executed correctly
(.)	Step:
_→(I)	Identify logical Transactions
→(2)	Each logical transaction is mapped to a series of DB operation
→ (3)	Transaction mapping Ensures automatic Transaction
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