TOPIC NAME :

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Soffware Anchitecture

How a system should be designed tow components are programized communicate constraints

+ input of der phase of SDLC

Advantage:

+ communication bridge between statutolders

2. Easy analysis of non-functional requirements

3. Revse the diagram in diffrent model.

Design:

1. comporants — de compose into subcomponents

Login — web login

phone sms login

code

GOOD LUCK

TOPIC NAME :	DAY:		AND HELD			
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- 2. structure of system
- 3. Distrubution across diffrient hardware Levice compostibility
- 4. Strategy of operations
 4 communication of components
- 5. structure for non func ruoruinments

 bank app secruinity

 L game fast load priority

aprices otri basegnesso si min, noti

Drayfra Lopes + 3 min point

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(4) \	views 10 maly	ni o
Each diagram		1
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1 diagram can't	10 3 17 VIN	MEN 3
1. Logical view:	it.	
How classes	interact is	7
1 da	us diagram	
2. process view:	Cadivity Liagra	m)
Flow chart (P	rocess activity) me e
3. Developmed v	tank investigation	nt diagram)
3. Developming is	decomposed in	to component
9. physical view	t Hordware co	Ne
	+ Hordware Go	mpdistn' butin
	commeding p	De s

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DYEVE	Anditecture		
System layers:	clove stive	80.70	
1. presentation:	VI	ant .	
2. Busnis : Data v Lacalcu	soyeen, inp		
2. Busnes: , Data v	alidation	AV I	
Localcu	lations	٨	
3. persistance: -R/	N Joto	14.	
5. Databorr: [locat	tion datab	in Co	
Monolithic Software : +	waterfall n	odel	
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	Vo seperation	comp	
problem + No seperation	in comp so	changing	one
torressi to la	and her	W. A.W.	
12. Willehad at	Nesky A		
bonney I was	and similar	, a pA	

DATE: Layered Anch' organize system into seperate layers = separate changes within Diffrunt layer diffrunt functions A layers can provide service to ordabne ! closed layer: Only the above layer can access it. Isolated. If buiness sometimes goto : New layer: open (can be bypomed)

the of hat district state	
TOPIC NAME :	DAY:
Advantage: (D) Easy add / Remove layer (D)	one laver to another somany) mens

data distributed to diff DATE: Repository

Repository

Astronomy

Start Juda in a central repo Laccesable to all components of system components interact through repo Use: 1. large data generated 2. Store Lata for long times 1. Components can be independent 2. Manage all Lata consistently at the same time 3. changes can be shared to all company 1. Single point failure (and at one place) 2. Distributing to several computers is difficult. > one computer fail - problem

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Cient 9	CONTRACTOR OF THE SECURITY OF
- Provide service to e	run service to server x: 9 near a page ingragle
Use & ex: email, doc s	have banking video library
Anyanton :	to acomodate more people across a network accessable
Dis: performance dependent	rd on nework y lift organization-prob
3. singk point ful	uve-each server.

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the season of seasons and	MAIE :	CATE;
Client Ser	ver Path	CYN
- Provide service to	client	7
- provide service to	IN GIV	vice to server
cuiend ex:	9 rev	page ingroyle
-90g	le sover	provides me page
Use & ex: email, dor shar	e bank	ing video library
1. Data has to be acres	sed from	m diff locations
2. server can be closed to	acomodate	move people
Advantori:	carl a	1.1
1. server can be acr 2. general service	accen	able to all civerd
DIC:	of ships	9 3
1. Performance depend	on n	dwork much
a server owned by 1	iff org	anighton - Prop
3. sirgk point fulure	-each	server.
to the form of the		
	La Pagis	els:

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and of a histogram consumptions	Adv. Deasy to under Morufloy similar	to bisness process	
CK	Dis 1 formal of Later ha	concurrent (parallel) us to be isome for	
77 0000	2) each draw for anation has to data structure.		
Charles of the Control of the Contro			

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almost Ansto Nno C

Since for the longerity of the product codebose has to be well socumented. 0111 we waterfull model. Waterfull model is a linear sporuertial model and it is well documented. Also I would like to keep serum at the same time combining with waterfull. After each sprint & can have my term document the progress of project - In waterfall even though i 1to 1's well sorumouted. The recovirements ove fixed and not changeable so of i would like to combine serum with it will be the thing topol private plante : Attorio

what he knowed how direct

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	the state of the s		

bild will

192 bloom Amto or 3(A)

The software pattern 1'll use is exicut - server pattern. Because here a server is nearwined to process this perste real time gameplay.

Advantage: Server can be accorded arrossed

Disadvantage: The performance depends on network. Since diffrent organization car own the server sometimes it's not trustable.

another Anoto 3 (B)

Moro lothic goftware abditecture is severetal and not capable of handeling complex projects like this one for example. This project might need different components independent of each other to develop properly but moro lothic architecture makes it all commected so it becomes sing to point tailure.