	Mame!- NIAND kumar Rollmo!-1806055 (CSC-1) ACI COURTER! HO! Distroibuled systems (CIASSMALE)
	Courte code 1. cg 74079
	examplate: 21/12/21
	bust Low coops i- nh-cs
Q(2)(g)	process-crash failures of coordinater:
mg'	1i) before sending commit-RCQ message-
	on those of committed, all pito about in dependently After recovery, p' to ahered independently (no additional
	massegel).
(11)	hofore sending prepare (About menage:
÷	on time of prepare / About merrage indendating, all Pito
	abort independently.
<b>-&gt;</b>	After occomeny, p' to about indempendently.
(;;;)	hofers sendong commit megage!
	·
→	on time of committed message, all pito commit.
$\longrightarrow$	After recover 1 P' to commit independently.
806	prober - coopy failure of any single cohort !-
and!	(i) refere sending AN REED DISAMREED metreger.
	· ·
->	on time of ANKECD DISANKED mestore b. 40
	ementually broadent vigory message to all Pil and all
	they p'to about an secret of about message.
<i>(-)</i>	reformery, failed vi to an aport independently.
	7

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	Name: Milkry Knude. Bollwoi-1808022 (6201) BU
	courte Tita! - Distaibuled systems, program code Lun-es CIASSMARE
	Correte codo! - C57479  Cxam dase! - 21/12/2)
	$(-\lambda d_{14}) \ll c_{12} = \sum_{i=1}^{n} (-\lambda d_{14})$
M .	
804	
	A before sending ACK mate age:
	111 12 101 101 101 101 101 101 101 101 1
	on time out of Ack message, p' to crantually proadcast
-	and the out of the methods of the of ABORT
-	ABORT messege to all other p: to about in recipt of ABORT
	message.
	After occurry, failed pi to about inale pendantly.
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	Hamei-Hikmib Knude Kollwoi-1800022
	Course code: CS-+479 program coole: Un-CS CIASSMATE
	course Tita! - Distributed Systams Pago: 3
	Cxam date! - 21/12/21
83	
Und ;-	(1) Lim cari zability!
	caritoria for limeantability
111	anter panel sequence to be some for all replica marage.
(11)	client's orequests in inter homes sequence ordered by
	glahaf tempetansp.
/::\	Each Client irruping order of godinard's my interlemed
	sequences to Jollow treir actual order of ocurrences.
(	In case of facebook since backyp sop replice massage
	will handle safe wead request, pomentablity not passible.
<u> </u>	sequential carristancy:
.1 .	contenta for sequence that consistency
	anter reaved sequence of write orguest to be some for
	all replica menages
<del>(ii)</del>	oach chenge progress order preferred in interleaned
	Sequence.
(	an core of Joshank, a Client safe read it safe
	write seem request to be executed by offerent septice
	an rose of Jackbook, a Client safe read le sofe write seefen request to be exercised by different septice morrege, so sequential consistency also mad passible.
(m)	Casual consistency: coriteria for casual compitancy.
(1)	requerte o to be some for all sto oreplica morrages.
	requente o to be some for all sto orblica morsages.
(ii)	Maybe reduct to im intentanced redresses.
	marge reduct to im interval and reduction
11	

II.	
	Mame: 41 Krif Krimas Kollwoi-1808022 (261)
	course Tite! Distributed Systems Classmate
	Courte code! - CS7479 program code! - Uh-es Pago: 4
	Exam dale! - 21/12/21
	in case of facebook, casual consistency models shall make
	im cate of december, correct control of allowed
	time for mast of time since all write request my ter level
	hy promany gener hut at these due to backers senen harddlers read request, sometimes casuality may not be.
	handaling read request, some times casuality may not be.
	Computed captured.
(1/2)	FIFO Comsistency:
	Caritary de Par Kito Consistenció.
<1>	interleaned sequence to be some for all replices mass
	imperteaned sequence to be some por all replice mass
	megrage 3.
111>	no as wine marks whenh order of wate requeste from
<del></del>	no requirements whent order of write requests from
	1 31 7 6 7 3
	an all all factions comes brimains settled was marged
	with a grant I all make son house
	an cose of facebook, since primary replica margere will almays some for all replica massesses have the consistency would be supported.
	Continued was salitioned.
·	
	,
	7 1:

1	11 11 11 11 1 1 1 1 1 1 1 1 1 1 1 1 1
	Mame: Hikrif kumar Rollmo: 1806055 (CBC1) AN
	Course Tito! - Distributed systems  Course code! - CS7479  Course code! - CS7479  Course code! - CS7479  Course code! - CS7479
	Exam dale! - 21/12/21 program cade! - Uh_ CS
	· Note: as por individual data item, sequential consistency
	achieved, as shown below.
	pr's viens of x's order as par given signature: wint (x)0
	Wp, (x)1 Rp2 (x4)1.
•	P3's vien of r's order as par given signature! Wimit (x) O Rp3
	(x)0 wp(x)1. [P2's and p3's view for x not contrading ted
0	(complying mule 1)
	. 0 0
6	Pi's whom of y's order of por given signature: w init (x) orpy
	(x/0 wpz/x)2.
•	PB's view of y's vodor of per given signalue! winit(y) o wpoly
	1893 (1) 1. [bis and bas view of the and not contradicted
1	
	Complying miles]
•	Dis noem of is order as par given signature! m juit (2) 0 kp1 (2)0
_	· · · · · · · · · · · · · · · · · · ·
	Wp3(z) 1.
•	Pris vien of 24 order op per given signalure! Winit (2) 0 kpr
	2) WP3(2) 2[pi's and pr's view for 2 matched, complying
	rule 1]
•	Imdividual processis pregram order irrelevano nese ap
	each proces performe only are operation on each data
	Hom. (no imcompytancy, complying rules)
	1

Mame: Nikhip Kumar Roll mo! - 18060 55 Course (1401- Distributed systems programcade: UN- Elassmate course code! - es 7479 Exam dale: 21/12/21 4.(b) Ang! Eventual consistency is a consistency model used in distributed computing to achieve high ovailability that infermally granaroes trab, if item, arentually alf ne last updated no the last optimitatio replicables (2) widely deplay in distributed systems. computing projects achioned arentral consistency is after said Love convorged, or achieved oppios convergence Grantral completency is weak gu anantee model a libe linearizability are inimially even tually engisted Eventually - consistent services are often closerifical providing BASC Semables (basically anallabre 150g) poor state, and even tual Acis Calomatity, consistency, iso waster durability). Co] (67 im charteting · a have it the opposite Bapically available ! reading and I worthy spanaton are soft-state: without consistently guara time, ne only we execute some worker and they for extern frethere lang enguign.

Mome! Miking kman

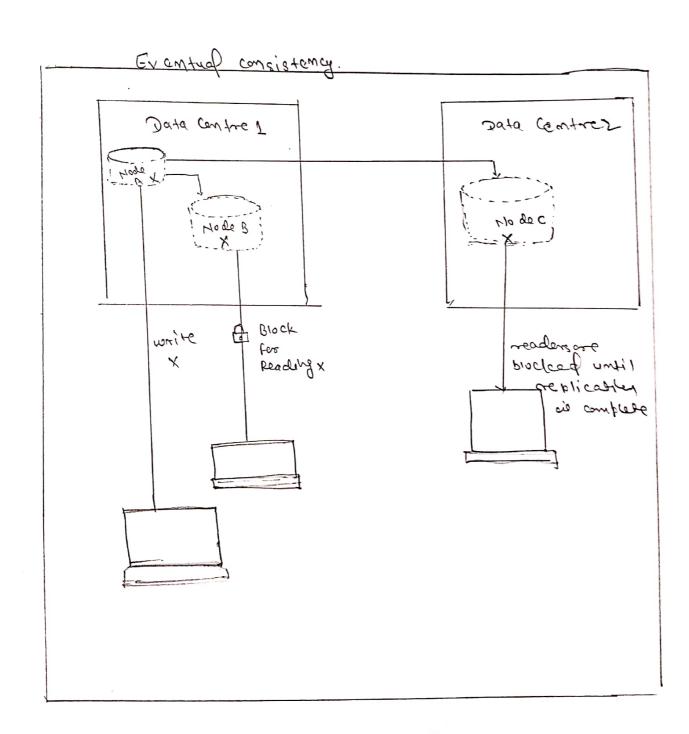
Romani- 1806055

Course Title!- Difficit housed systems

Course codo!- CS7479

Programcado!- Un-CS

Pagmo!b



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	Course code! - cs7479  [-xandale! 21/12/21
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	progress, fine way, it is oner interrupted, all is much
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	chooking pains by wond "loggin" or continuous replication
	(via les es se menaging).
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- 70	seane against much system failures, as mell as puysicals
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	end have created by himans.
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