Group	5	Students	81074	81731	Grade 19
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Student should fill the **Concluded/Correct** percentage

Minimum functionality enough to pass	· · · · · · · · · · · · · · · · · · ·	Concluded/Correct (100 %)	
Implementation of a clipboard that accepts multiple simultaneous local connections: clipboard_connect, clipboard_copy, clipboard_paste	The minimum functionalities that are required are all implemented and they are all working properly according to the specifications.		
Synchronization	+1 value	Concluded/Correct (100 %)	
Definition of the various critical regions and implementation of correct synchronization	the top, the one that is working on	ng the messages to the parent clipboard and then the clipboard that is on single mode, changes its region and send to its children that region. The est from its parent knows that has to change its region with that content.	
Efficient synchronization	+1 value	Concluded/Correct (100 %)	
Implementation of synchronization on the critical regions guaranteeing that they are the shortest possible		gions, for example, when a certain thread wants to paste the content of a is only a memcpy() and after that, the send of the region is done after	
Clipboard_wait	+1 value	Concluded/Correct (100 %)	
Correct implementation of the clipboard_wait function	The clipboard_wait() function is w applications waiting for that same	orking properly. Every time a copy is done to a certain region, if there are region, then they will receive it.	
Connection to another clipboard	+1 value	Concluded/Correct (100 %)	
Implementation of the -c option, basic replication of the data among the various clipboards Detection of disconnect e correct execution aftwards		then the synchronization will be done and the clipboard it's ready to accept ations or from remote clipboards. If a clipboard disconnects from its parent,	
Correct replication among clipboards	+1 value	Concluded/Correct (100 %)	
Implementation of a correct synchronization algorithm that guarantees the consistency of the data when two simultaneous copies occur in different clipboards	its parent, the synchronization al	the clipboards only change its region if they receive the copy request from gorithm guarantees that everyone will have the same regions since the rward the request with an order, which states that every clipboard will have	
Errors treatment	+1 value	Concluded/Correct (100 %)	
Verification, correction and report of communication errors Verification, correction and report of execution errors on the clipboards	The return values of all functions are checked in order to handle the possible errors that may occur during the execution of the program.		
Correct Resources management	+1 value	Concluded/Correct (100 %)	
Correct management (destruction) of threads, sockets, memory	Before exit the program, the me	emory is released, the sockets are closed and the threads are destroyed.	
Code structure	+1 value	Concluded/Correct (100 %)	
Report	+1 value	Concluded/Correct (100 %)	
Discussion	+1 value	Concluded/Correct (%)	
Incorrect implementation of the API	-10 values	Concluded/Correct (%)	

REPORT Group Students	Grade
Architecture and components	
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Communication protocol	
Resources management	
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Critical regions	
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Synchronization	10
Synometrization:	
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Replication	
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Error management	
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Code Structure	