COMPSYS302 Project B Indicative Marking Checklist

Grade	Task/Feature Description	Done?
C	Application runs following README instructions on Linux	
	User can log in	
	User can see who is currently online	
	User can see and edit their profile page, and see profiles for other users	
	User can send, receive, and view messages and files with someone online	
B/B-	Automatically refreshing page (or refreshing content) and/or notifications	
	Good use of database(s)	
	Use of encryption/hashing/data security within the application (local)	
	Embedded viewers for image, audio, video, and PDFs	
	Displays confirmation of message receipt	
	Error Logging	
	Unicode support (including emojis)	
	Logs out from the server upon application exit	
B+/B	Read receipts (i.e. when the receiving human has loaded the message)	
	Rate Limiting	
	Use of effective inter-app encryption/hashing/data security including handshake	
	Use of threading for communicating with login server regularly	
	Global messageboard	
	(Good) Page Templating	
	Modular and Pythonic code, including commenting and documentation	
	Group conversations	
A	Fallback P2P Networking if login server goes down	
	Multiple sessions (users) supported simultaneously	
	High standard encryption and hashing while maintaining user experience	
	Nice user interface (preferably compatible cross-browser)	
	Offline Messaging (without login server)	
	2FA (Two Factor Authentication)	
	Delete/Clear messages on both sender and receiver side	
	Fails graciously when interacting with substandard clients	

All inter-application features must be supported by at least two other nodes/clients as well.
You must list at least two supported clients (UPI) in your README.

You must include a copy of this table with your submission, with the items that you think you have completed marked as done.

You must complete all the requirements for the C grade (minimum spec) to be eligible for consideration for any higher grade. To get the grade indicated on the left, you must complete at least **four** of the items from the appropriate grade. Items from a higher grade can be used to substitute for items in a lower grade (i.e. if you have three items in B/B- category and five items in the B+/B category, one of the B+/B category items can be counted towards the B/B- category).

To qualify for the item in the higher grade, it must be beyond what is necessary for the minimum spec. For example, within-app hashing is required to login to the login server – you must demonstrate additional encryption/hashing/data security beyond that.

Please note that this marking checklist is indicative only, and may still change after the final deadline if there are other features identified or if rebalancing of the checklist is needed.