

COMPSYS302 Project B Indicative Marking Checklist

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