

Authentication: The system does not currently authenticate users

Authorization: The system does not currently differentiate between clients connected to the server in any way

Audit: Responses are stored on the server and the professor can see them by request, but doesn't verify anything about them

Confidentiality: There is no confidentiality, but users can't see who sent responses at the moment

Integrity: we don't have this either!

Note: For this sprint, we focused on getting the core functionality of the app working in an 'unsafe' (e.g. unencrypted) way. Now that this is done, in the next sprint we can focus on adding security features. Currently we plan on using RSA keypairs to share an AES shared key for encryption, and MAC's for integrity (similarly to the last homework assignment). We are also planning on adding user authorship to messages so that the sender can be persistently identified (and verified) to prevent rogue messages.