**List of Non-Functional Technical Constraints**

**Performance:**

* No more than 5 messages can be posted by a single user within 60 seconds.
* Panic buttons have a cooldown per users of at least 60 seconds.
* All polls must be updated for all users within 0.2 seconds of submission.
* All messages for all users must be updated for all users within 0.2 seconds when a change is made.
* Website should take no-longer than 5 seconds to load.
* Website should be able to handle at least 500 concurrent users.

**Scalability:**

* All comments must be at or below 1024 characters.
* Polls can have a maximum of 16 choices
* A maximum of 100 users can be in a single session.
* Website should be able to handle 5 concurrent sessions.
* Panic button responses should still be readable even with 10 or more responses.

**Security:**

* Website should be resistant to DoS attacks.
* Website should be resistant to SQL-Injection attacks.
* Website should be resistant to session hijacking via cookies.
* Website should be secured via HTTPS
* Website should be resistant to Cross-Site Request Forgery
* Website should use CORS

**Portability:**

* Website should be able to be accessed on mobile phones