**Non-Functional Requirements**

In the maintenance of this social media network, the system is responsible for many aspects of operation - it must constantly maintain and update the database, complete page requests and constantly check for permissions for visibility of posts, groups, etc. given to certain users.

6.1 Performance

The system is responsible for loading all pages, updating the database and completing all requests within only a few seconds. This is the basic expectation of most websites of its kind.

6.2 Scalability

The system must be able to maintain a database of increasing or decreasing size. At launch, there will not be many pages to maintain, but with users interacting and creating posts, groups, etc., the system must be able to steadily maintain a growing database of pages and content.

6.3 Capacity

With multiple users accessing the system simultaneously, the system is responsible for maintaining multiple sessions and keeping them separate. What one user can see or do may have little to no relation to what another user can see or do.

6.4 Availability

At all hours of the day, the system must be available to any users who possess a valid @mun.ca email account. Anyone with a valid @mun.ca email address may register and use the system to their liking.

6.5 Reliability