

1.1 Non-Functional Requirements

ID	Requirement	Explanation
NFR-001	The website shall accommodate up to 100 users concurrently.	Whether the website should be able to accommodate up to 100 users or not depends mainly on the resources of the server hosting the website software, and not the website software itself.
NFR-002	The website can be accessed at all times.	The ability to access the website depends on whether the server hosting the website software is able to serve requests or not, and not the website software itself.
NFR-003	The website handles requests in a short period of time.	This feature depends on the server computation power. Although the website can be optimized for less resource consumption, there is no guarantee that the requests will be handled in a specific time threshold as it is mainly dependent on the server hardware.
NFR-004	The website protects sensitive data and allows only authorized access to the data.	Although the website software will be using the best practices to protect users' data from unauthorized access and possible data breaches/SQL injections, there is no 100% security, and there is no guarantee that unauthorized access may be granted.
NFR-005	The website always handles requests without failure.	Although the software will be thoroughly tested before being published, it is possible that there would be other factors causing requests to fail; common examples include the inability of the web server to handle more than X requests concurrently, where X is a value that can be configured from the web server configuration, and not the website software itself.
NFR-006	The website faults can be detected and fixed easily.	Issues with the website software might not be just related to the software code, but could be due to an inability to reach 3 rd party dependencies or an issue from the server hosting the website software, and not the website software itself.