Experiment 2: Prepare an SRS document in line with the IEEE recommended standards for the specified Case Study. (Non-Functional Requirements).

Non – Functional Requirement are the constraints or the requirement imposed on the system. They specify the quality attribute of the software. Non-Functional Requirement deal with issues like scalability, maintainability, performance, portability, security, reliability, and many more. Non-Functional Requirement address vital issues of quality for software systems.

Interactive and Good Performance

The website for Art Gallery shall have the following abilities and capabilities.

- The responsiveness of the website shall be high and the website shall behave as per the user action.
- The user shall be acknowledged in the form of visual changes or feedback on the site to enhance the interaction.
- The response time and throughput time on the site shall be minimal.
- Consistency on the website shall be maintained across all the web pages.
- The layout of the site shall be kept simple and must be self-explanatory.

Security

- The website shall offer secure login option to the users to avoid unauthorized access to the system and the information.
- Advanced access control shall be included in the site.
- Advanced encryption algorithms must be integrated in the site to avoid misuse of the data sets.