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

**1. Introduction**

1.1 **Purpose**

The purpose of this Software Requirements Specification (SRS) document is to articulate the non-functional requirements for the "Project Link Hub" system, following IEEE recommended standards.

1.2 **Scope**

This SRS defines the non-functional requirements, highlighting the performance, security, and usability aspects of the system.

**2. Non-Functional Requirements**

The non-functional requirements encompass the system's performance, security, and usability aspects.

**2.1 Performance (NFR-1)**

* The system should accommodate a large number of concurrent users without significant performance degradation.
* Response times for system actions and data retrieval should meet acceptable limits.

**2.2 Security (NFR-2)**

* User data, particularly passwords, must be securely stored and transmitted over HTTPS to prevent unauthorized access.
* Robust authentication and authorization mechanisms must be in place to ensure data integrity and confidentiality.

**2.3 Usability (NFR-3)**

* The user interface should be intuitive, responsive, and accessible across various devices and browsers.
* Users should find the system easy to navigate and use, requiring minimal training.

**3. Constraints**

* The system development must comply with relevant data protection and privacy regulations, ensuring user data privacy and security.
* Development should adhere to using HTML, CSS, PHP, Bootstrap, and MySQL as specified in the project requirements.

**4. Conclusion**

This Software Requirements Specification (SRS) document emphasizes the non-functional requirements of the "Project Link Hub" system in accordance with IEEE standards. It provides a clear directive for the development team to ensure performance, security, and usability considerations are adequately addressed in the system implementation.

This revised SRS focuses on the non-functional requirements in line with IEEE standards. Ensure to customize and enhance the document based on additional requirements or specific IEEE guidelines pertinent to your project