**Software Requirements Specification**

**Project**

Project Name

**Prepared for**

Client Name

**Prepared by**

[Your Name]

Day/Month/Year

**Functional Requirements**

|  |  |  |
| --- | --- | --- |
| User Story | User Story Description | Priority |
| Story Title | Story Description | * Nice to Have * Highly Desired * Must Have |

**Non-Functional Requirements**

**1. Operational**

**Operational requirements** define how the system will run and be managed on a day-to-day basis. These requirements ensure that the system can operate smoothly and efficiently.

**2. Performance**

**Performance requirements** specify how fast and responsive the system should be under various conditions. These requirements ensure that the system can handle the expected workload and user interactions without degradation in performance.

* **Infrastructure:** This encompasses the underlying hardware, software, and network resources needed to support the system. It ensures that the system has a robust foundation to meet its operational and performance goals.
* **Scalability:** This requirement focuses on the system’s ability to grow and handle increased loads. It ensures that the system can expand and contract as needed without compromising performance.

**3. Security**

**Security requirements** protect the system and its data from unauthorized access and potential threats. These requirements ensure that the system is secure and resilient against attacks.

* **Access Control:** This involves defining who can access the system and what actions they can perform. It includes user authentication and authorization to ensure that only authorized users can access specific features and data.
* **Server Protection:** This includes measures to protect the server from physical and cyber threats. It ensures the server is secure from attacks like hacking, malware, and denial-of-service attacks.
* **Database Protection:** This involves securing the database from unauthorized access and ensuring data integrity and confidentiality. It includes encryption, regular backups, and access controls.

**4. Cultural and Political**

**Cultural and political requirements** involve ensuring the system adheres to the cultural norms and political regulations of the regions where it will be used. These requirements ensure that the system is culturally sensitive and legally compliant.

* **Compliance with Legal and Regulatory Requirements:** This involves ensuring that the system complies with all relevant laws and regulations. It includes data privacy laws, industry standards, and any other legal requirements that the system must adhere to.