**Functional Requirements**

* User Authentication and Authorization
* User should be able to register and account and log in successfully.
* The system should support different roles.

**Non-functional Requirements**

* Performance
* The system should handle a large number of concurrent users without significant performance degradation.
* Response times for user interactions should be within acceptable limits
* Scalability
* The system should be scalable to accommodate an increasing number of users and data volume.
* It should be able to handle future enhancements and additional features.
* Security
* All user data should be encrypted in transit and at rest.
* The system should use secure authentication mechanisms like hashed passwords
* Access control should be enforced to prevent unauthorized access to sensitive data.
* Usability
* The user interface should be intuitive and easy to navigate.
* Reliability
* The system should be available 99.9% of the time
* The system should handle errors gracefully and provide meaningful error messages to users.
* Maintainability
* The codebase should be well-documented to facilitate maintenance and future development.
* The system should be designed with modularity in mind to allow for easy updates and bug fixes.
* Compliance
* The system should comply with relevant regulations and standards
* Ensure data privacy and security standards are met.