**Quality Requirements and Constraints**

**Quality Requirements:**

**Security:**

* All external user authorizations information have to be stored and transmitted securely, using encryption methods and secure protocols.

**Usability:**

* Easy user (Owner) interface for managing authorizations.
* Clear error messages and notifications for external users when actions related to authorizations fail or when unauthorized access is attempted.

**Performance:**

* Must be able to process authorization requests and updates quickly and efficiently, ensuring minimal delays for users accessing resources.
* The system should be scalable to handle a large number of users and authorization levels without impacting performance.

**Reliability:**

* The system should provide consistent and accurate authorization management, preventing any inconsistencies or errors in user permissions.
* Regular backups and recovery procedures should be in place to maintain data integrity and ensure smooth operation in case of system failures or other issues.

**Maintainability:**

* Well-structured code to allow easy updates, bug fixes, and enhancements.
* Documentation should be thorough and up-to-date.

**Constraints:**

* Budget
* Time
* Resource Availbility