**Name:** Manage Authorization #8

**Goal:** Manage and control access to resources within a system based on external user authorization levels.

**Actors:** Owner, External User.

**Preconditions:** The Owner has the necessary privileges to manage authorizations.

**Success End Condition:**

* The Owner successfully adds authorizations for external users in the system.
* The Owner successfully removes authorizations for external users in the system.
* External users access to resources according to their granted permissions in the system.
* External users interact with resources according to their granted permissions in the system.
* External users that are not received authorization are denied access to restricted resources in the system.

**Failed End Condition:**

* The System has not updated the authorizations for the external users, and the Owner has not made any changes to the authorization.

**Trigger:** The External User send a request to receive authorization.

**Main Success Scenario:**

1. In the system, the External User sends a request to receive authorization.
2. In the system, the Owner adds authorization for a user.
3. In the system, the user's authorization status is updated accordingly.
4. In the system, External Users access resources according to their granted permissions.
5. For the External Users a status message appears that the authorization was successful.

**Extensions:**

2a. The Owner needs to modify the authorization level of an existing user in the system.

2a1. The Owner updates the user's authorization level, granting or revoking specific permissions in the system. (Continue with step 3)

2a2.The Owner can deny the authorization for a user in the system. (The authorization attempt ends here)

2a3. The Owner can remove the authorization for a user in the system.

4a. Authorized User requests additional permissions in the system.

4a1. The Owner reviews the request and decides to grant the additional permissions in the system. (Continue with step 5)

4a2. The Owner reviews the request and decides to deny the additional permissions in the System. (The authorization attempt ends here)

**Sub-Variants:** None

**Related Information:**

* The authorizations are role-based.
* The system do periodic review of external user authorizations to ensure they remain up-to-date and relevant.