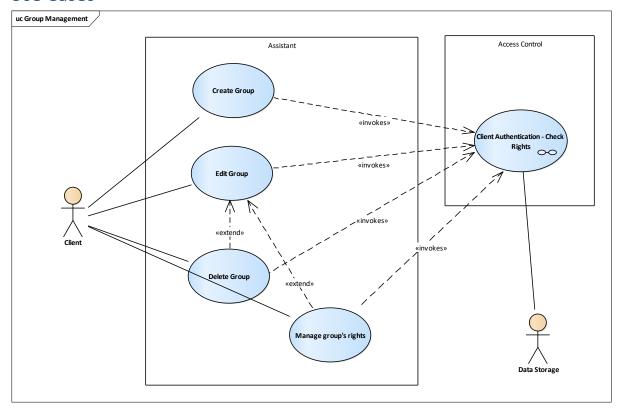
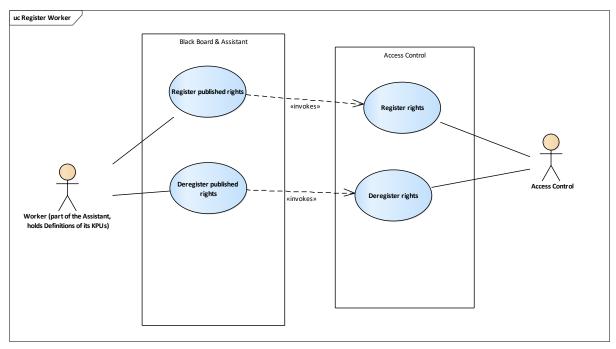
UML – Access Control

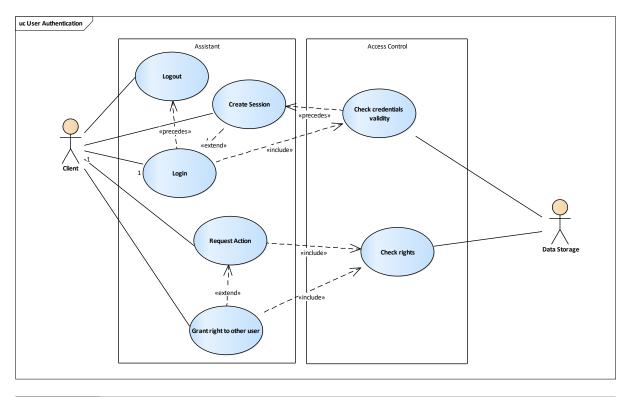
Inhaltsverzeichnis

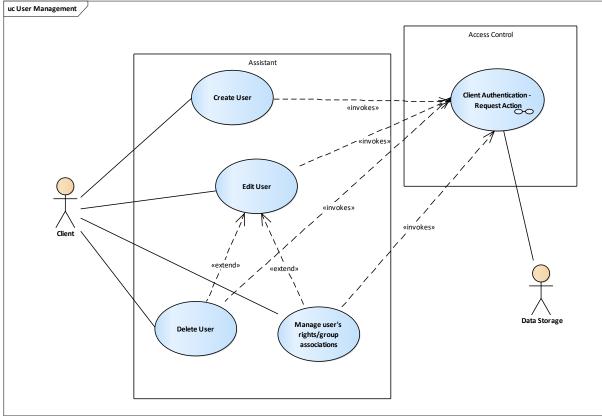
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Use Cases



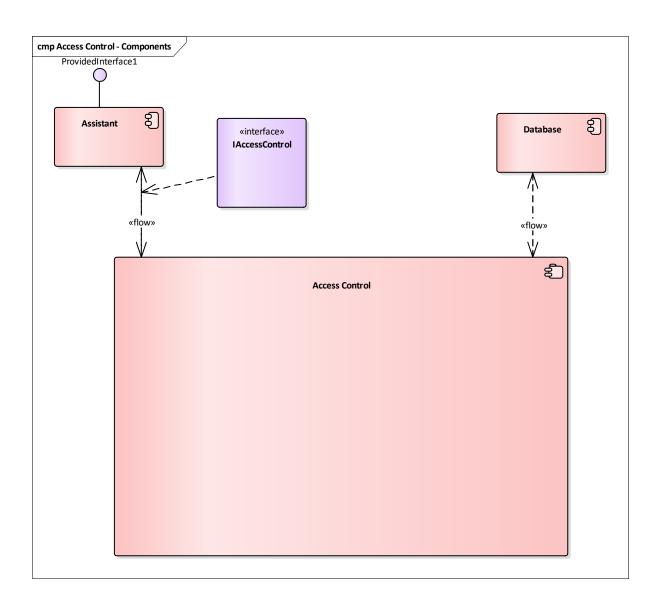


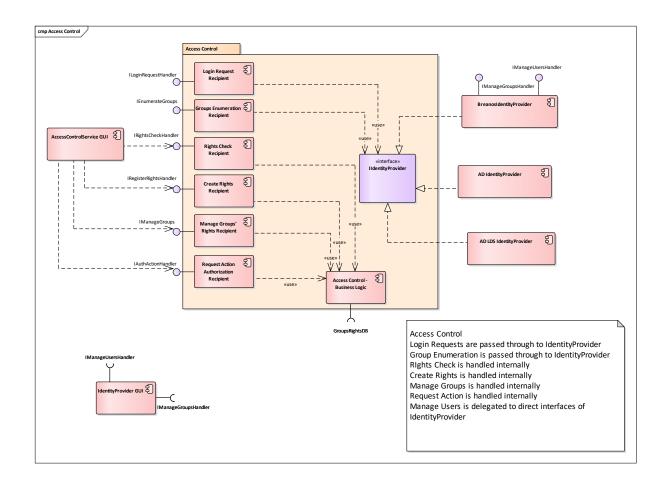




Components

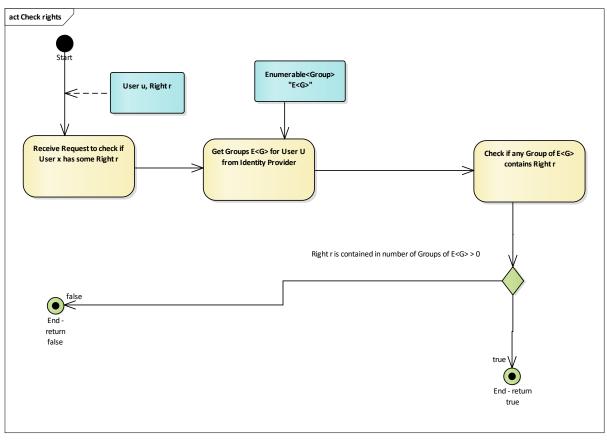
Vorgezogen, damit die folgenden Diagramme klarer werden

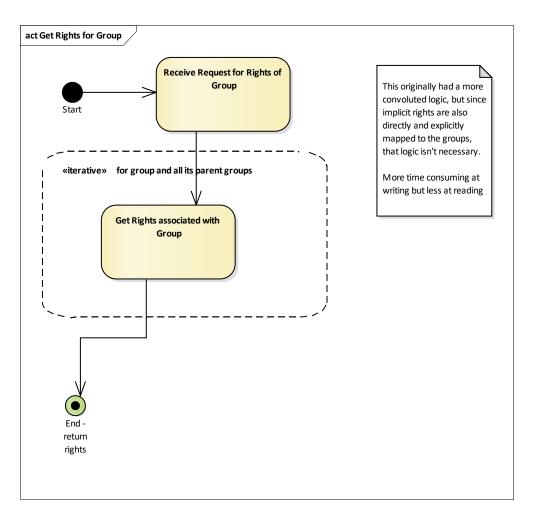


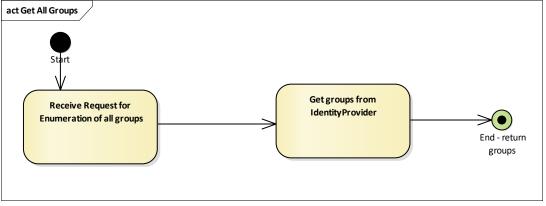


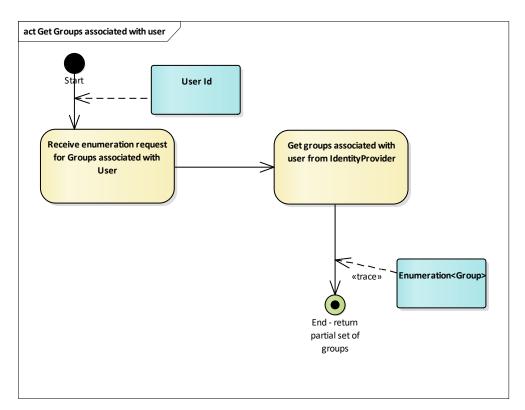
Activities

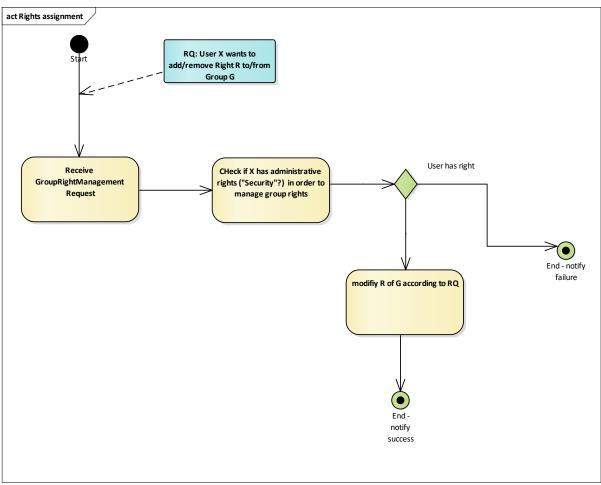
Access Control Service

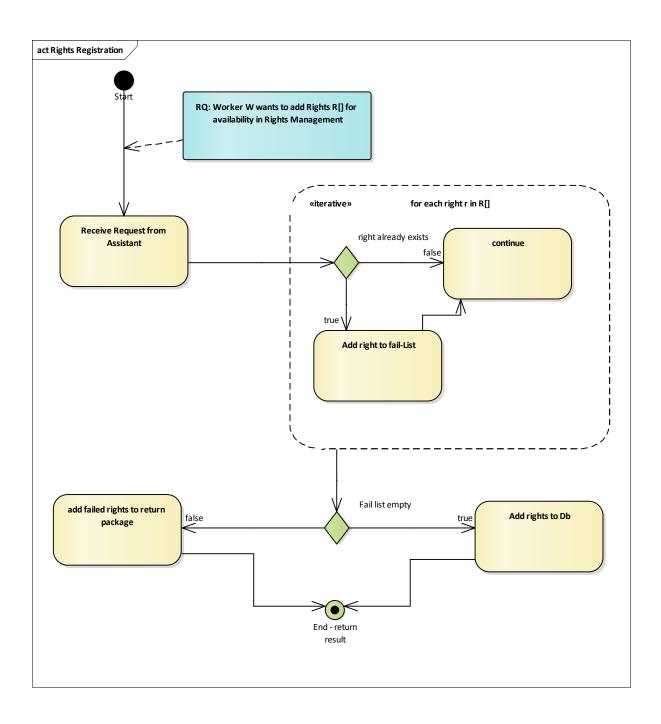


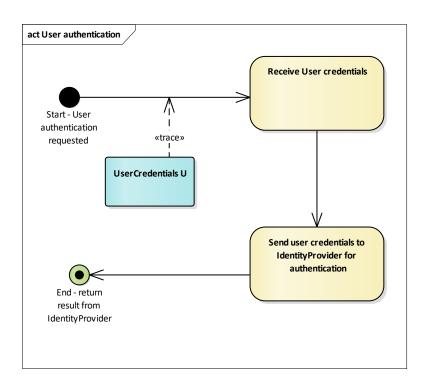


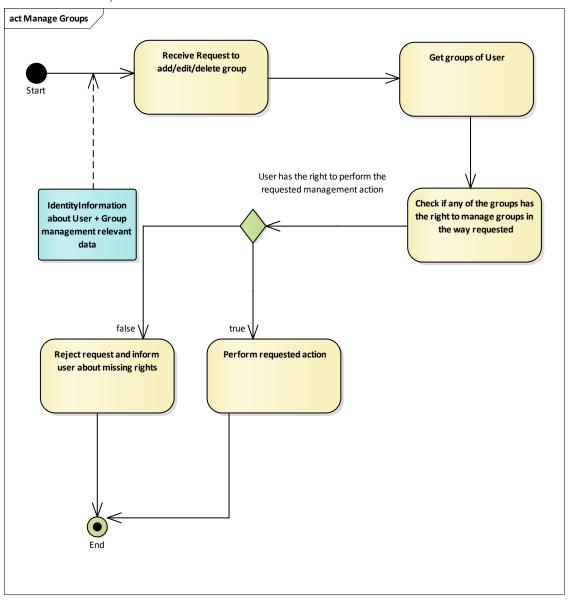


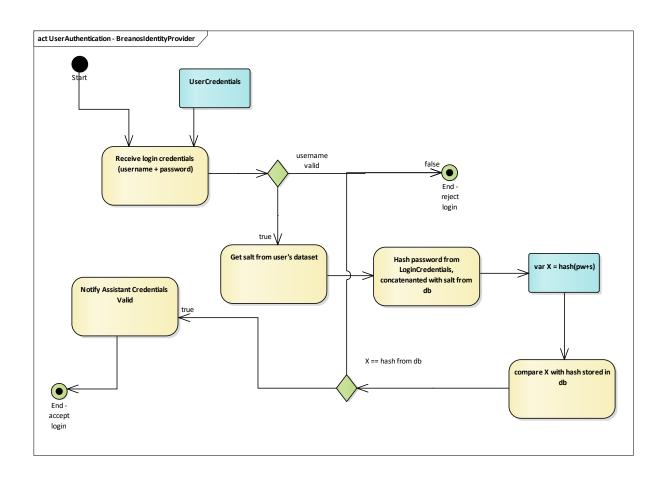






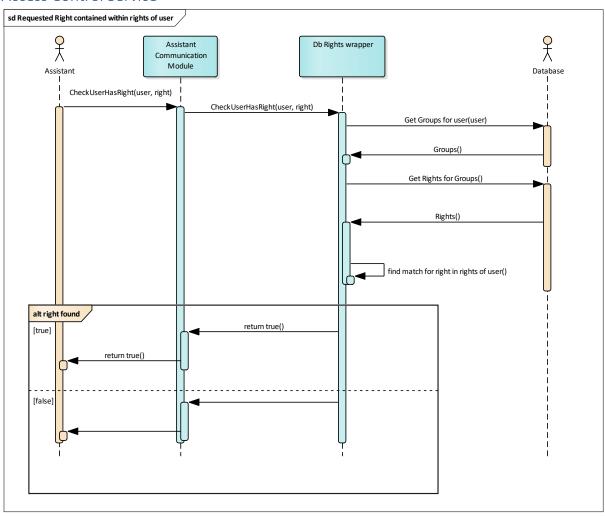


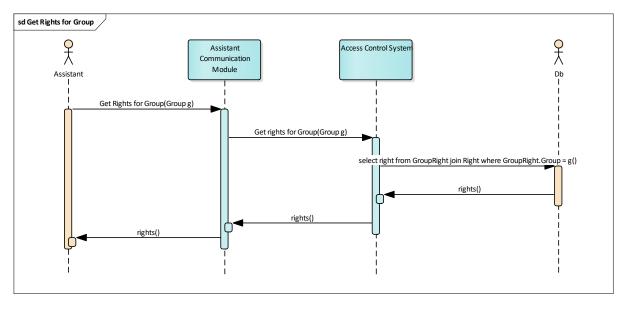


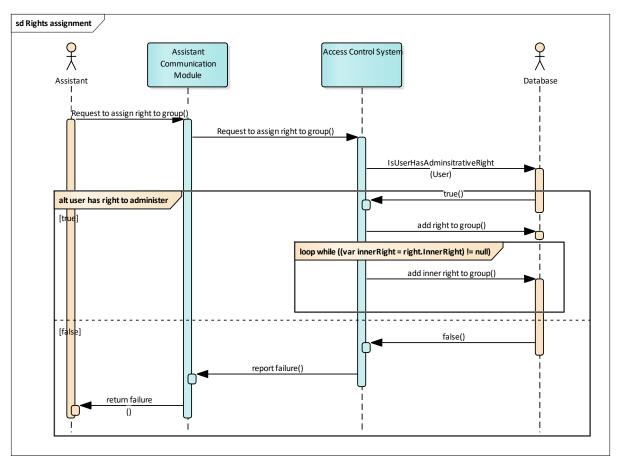


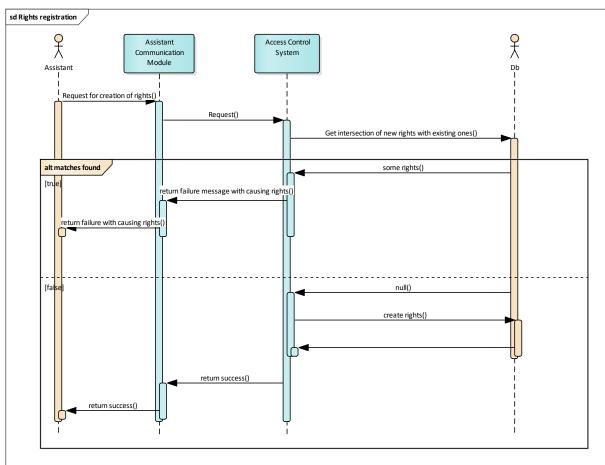
Sequences

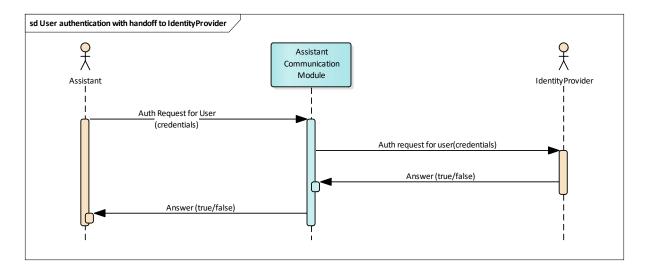
Access Control Service

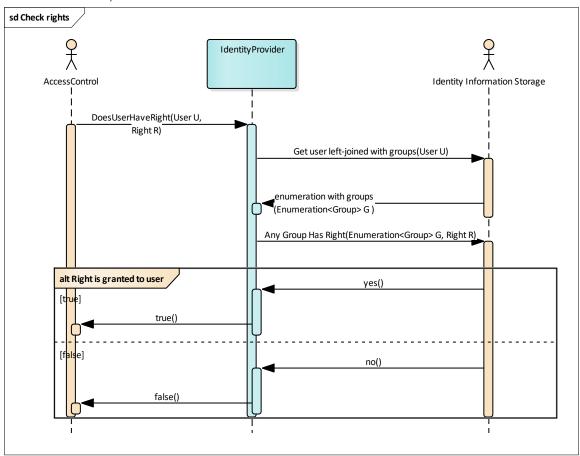


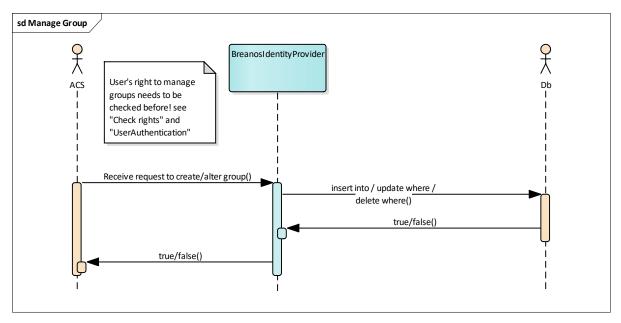


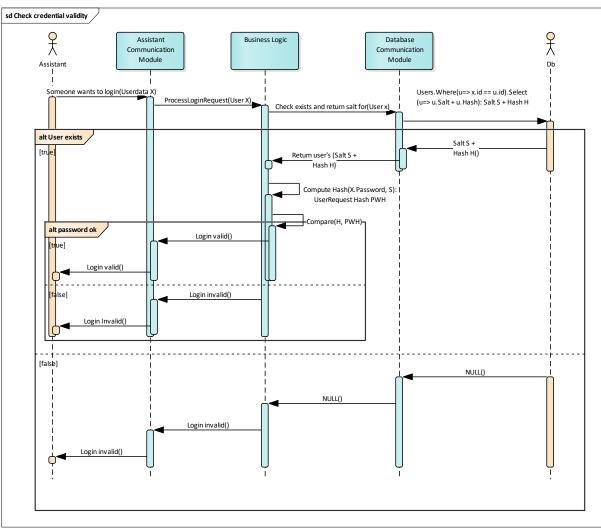












Classes

Access Control Service

class AccessControlService

AccessControlService

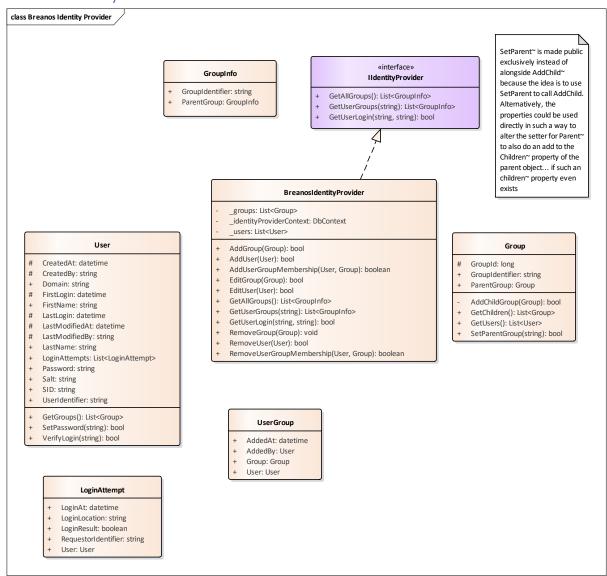
- _accessControlContext: DbContext
- _groupPermissions: List<GroupPermission>
- _identityProvider: IIdentityProvider
- _registeredPermissions: List<Permission>
- GetGroupPermissions(string): List<Permission>
- GetUserPermissions(string): List<Permission>
- + IsUserHasPermission(string, string): bool
- + RegisterPermission(string, string): bool
- + RequestLogin(string, string): bool
- + SetPermission(string, string, bool, string): bool

GroupPermission

- + GrantedAt: datetime
- + Grantee: string
- + GroupIdentifier: string
- + PermissionGranted: bool
 - PermissionIdentifier: string

Permission

- ChildPermissions: List<Permission>
- + ParentPermission: Permission
- + PermissionIdentifier: string
- AddChild(string): bool
- + SetParentPermission(string): bool



Data Model

Access Control Service

