

User

userId : long [1] (unique)

lastName : string [1]

firstName : string [1]

privateAddress : VerifiablePrivateAddress [0..1]

businessAddress : VerifiableBusinessAddress [0..1]

postOfficeBoxAddress : VerifiablePostOfficeBoxAddress [0..1]

registrationAddress : RegistrationAddress [0..1]

birthdate : Date [0..1]

nationality : Nationality [0..1]

privatePhoneNumber : VerifiablePhoneNumber [0..1]

privateEmailAddress : VerifiableEmailAddress [1]

mobilePhoneNumber : VerifiablePhoneNumber [0..1]

ownOrganisationEmailAddress : VerifiableEmailAddress [0..1]

workEmailAddress : VerifiableEmailAddress [0..1]

workPhoneNumber : VerifiablePhoneNumber [0..1]

telegramUser : string [0..1]

twitterProfileURL : string [0..1]

facebookProfileURL : string [0..1]

passportPhoto : byte [0..*] (ordered)

passportNumber : string [0..1] (unique)

bankAccount : BankAccount [0..1]

registrationBeginDate : Date [1]

registrationEndDate : Date [0..1]

/ currentUserAssociationStatuses : UserAssociationStatus [0..*]

/ currentUserStatus : UserAssociationType [0..1]

/ currentMembershipStatus : MembershipStatusType [0..1]

/ currentInternalFunctionRoles : InternalFunctionRole [0..*]

/ currentExternalElectionRoles : ExternalElectionRole [0..*]

/ currentOneTimeRoles : OneTimeFunctionRole [0..*]

<<enumerations>>
DivisionType

INTERNATIONAL
FEDERAL
STATE
DISTRICT
COUNTY
LOCAL_COMMUNITY

<<enumerations>>
DivisionStatusType

IN_FOUNDING_PROCESS
FOUNDED
IN_LIQUIDATION
LIQUIDATED
LEGAL_STATUS_LOST
LEGAL_STATUS_GAINED
NON_PROFIT_STATUS_LOST
NON_PROFIT_STATUS_GAINED

Division

divisionType : DivisionType [1]

divisionName : string [1]

effectiveDate : Date [1]

constitutionDocument : InternalDocument [1]

partyProgramDocument : InternalDocument [1]

financialRegulationDocument : InternalDocument [1]

arbitrationRegulationDocument : InternalDocument [1]

/ currentDivisionStatus : DivisionStatusChange [0..1]

DivisionStatusChange

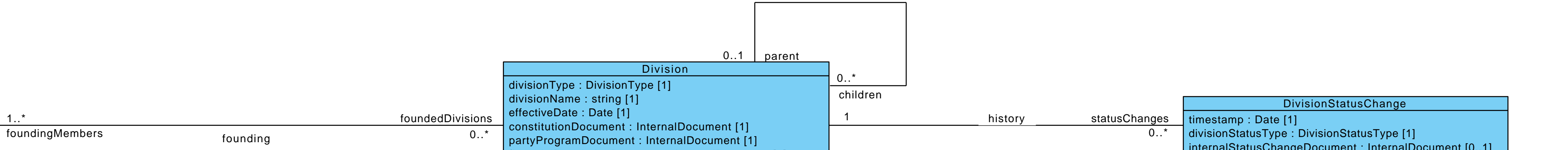
timestamp : Date [1]

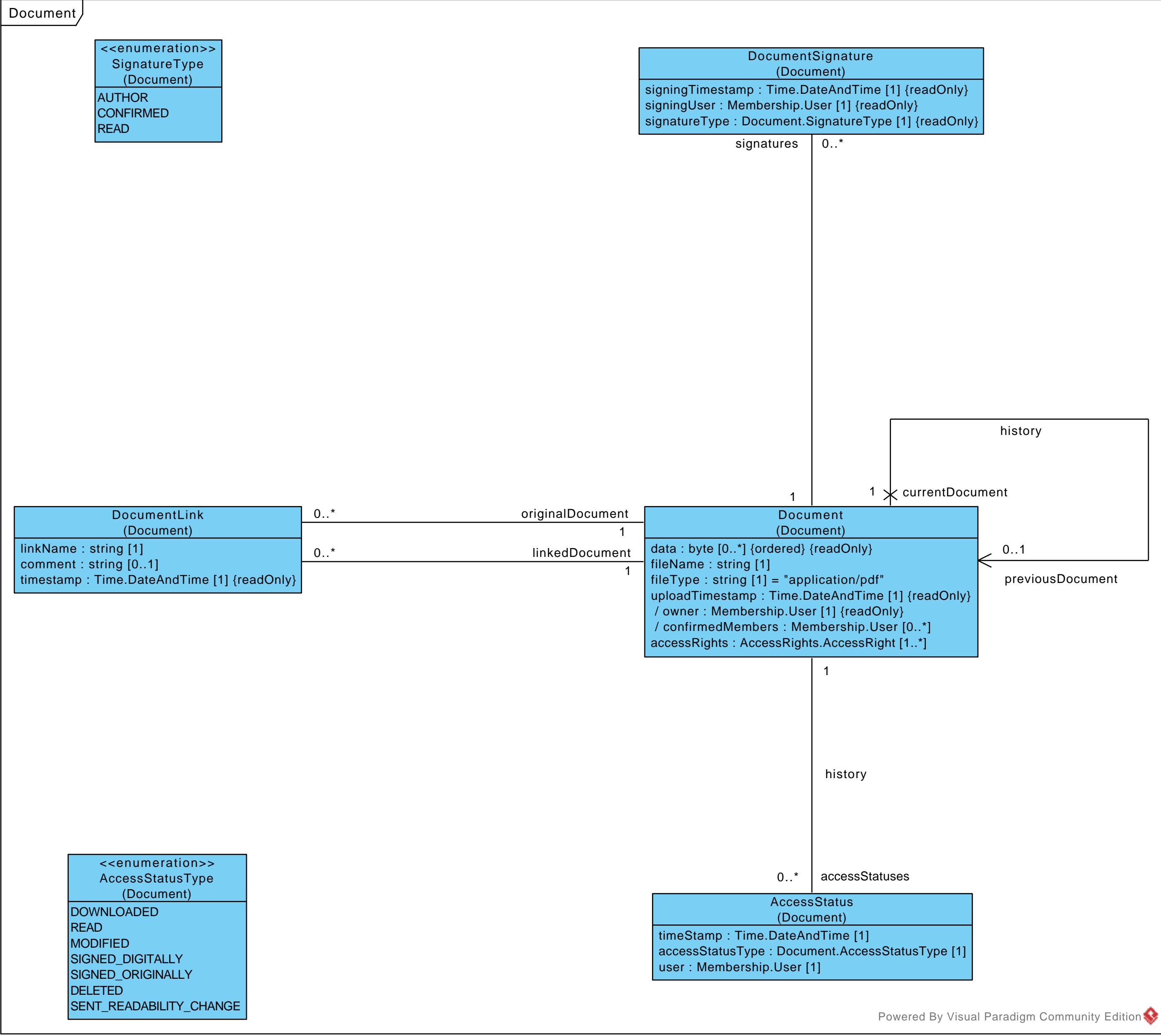
divisionStatusType : DivisionStatusType [1]

internalStatusChangeDocument : InternalDocument [0..1]

externalStatusChangeDocument : ExternalDocument [0..1]

InternalStatusChangeDocument XOR externalStatusChangeDocument





SEND_READABILITY_CHANGE means extend readability list.
There should not be possible to shrink readability.

<<enumeration>>
AccessRightType

READ
MODIFY
SIGN_DIGITALLY
SIGN_ORIGINALLY
DELETE
SEND_READABILITY_CHANGE

Extend this for groups
like:
* Auditor
* Arbitrator
* ...

AccessRight

accessRightType : AccessRightType [1..*]
users : User [0..*]
members : MembershipStatusType [0..*]
internalFunctionRoles : BoardFunctionType [0..*]
oneTimeFunctions : MeetingManagementFunctionType [...]
externalElectionFunctions : ExternalElectionFunction [0..*]
divisionMembers : Division [0..*]
divisionFoundingMembers : Division [0..*]

AssociatedOrganisationMembers

associatedOrganisation : AssociatedOrganisation [1]
userAssociationTypes : UserAssociationType [1..*]

ServiceOrganisationMembers

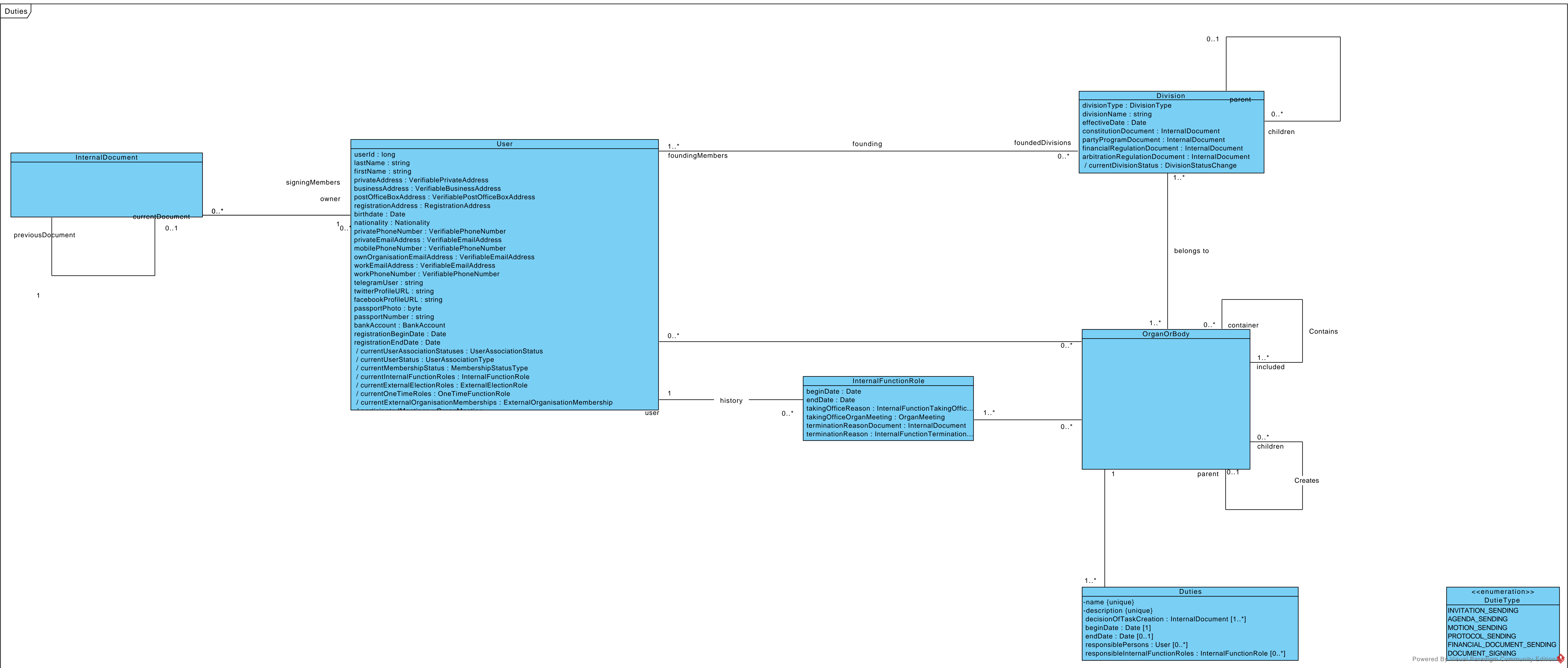
serviceOrganisation : ServiceOrganisation [1]
userAssociationType : UserAssociationType [1..*]

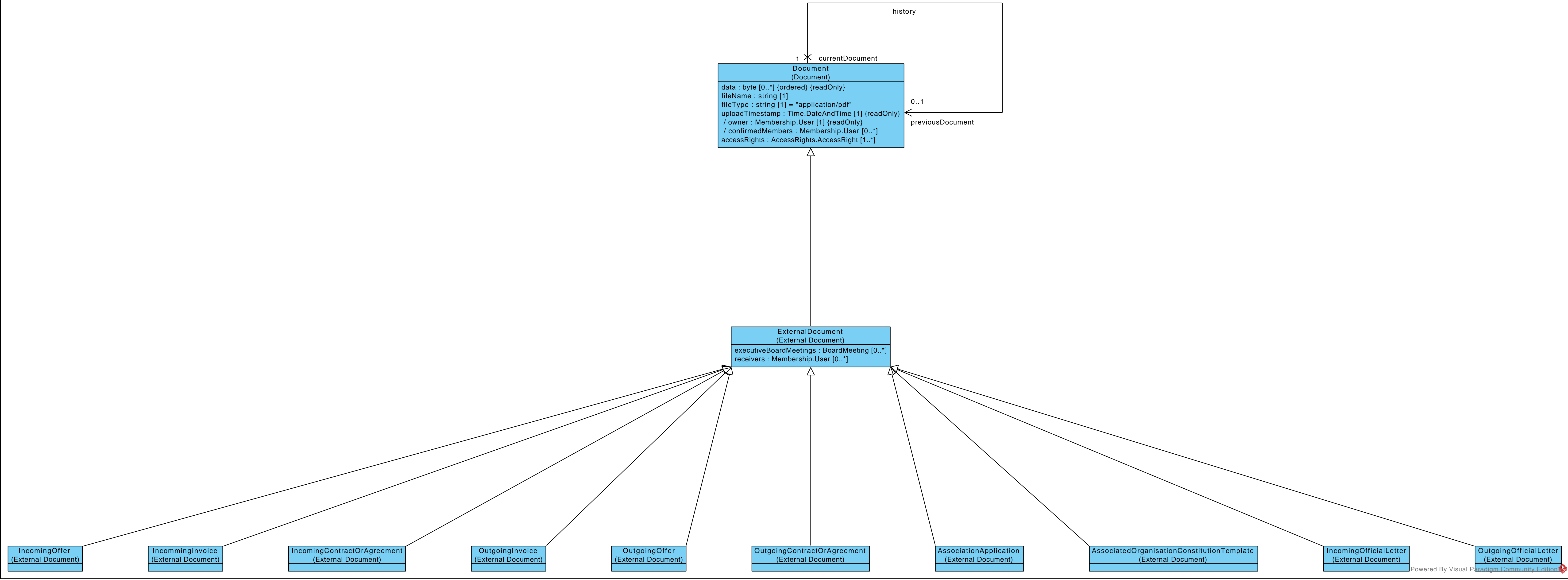
RelatedOrganisationMembers

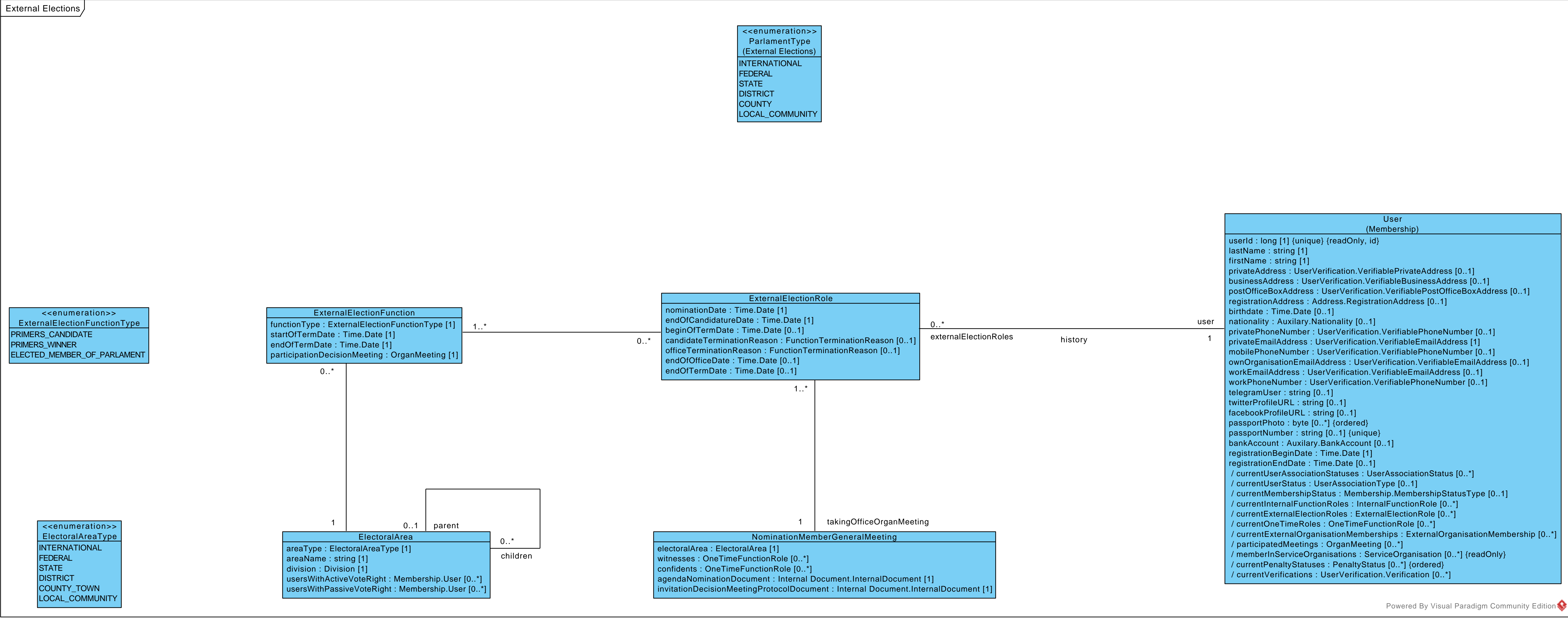
relatedOrganisation : PartnerOrganisation [1]
userAssociationType : UserAssociationType [1..*]

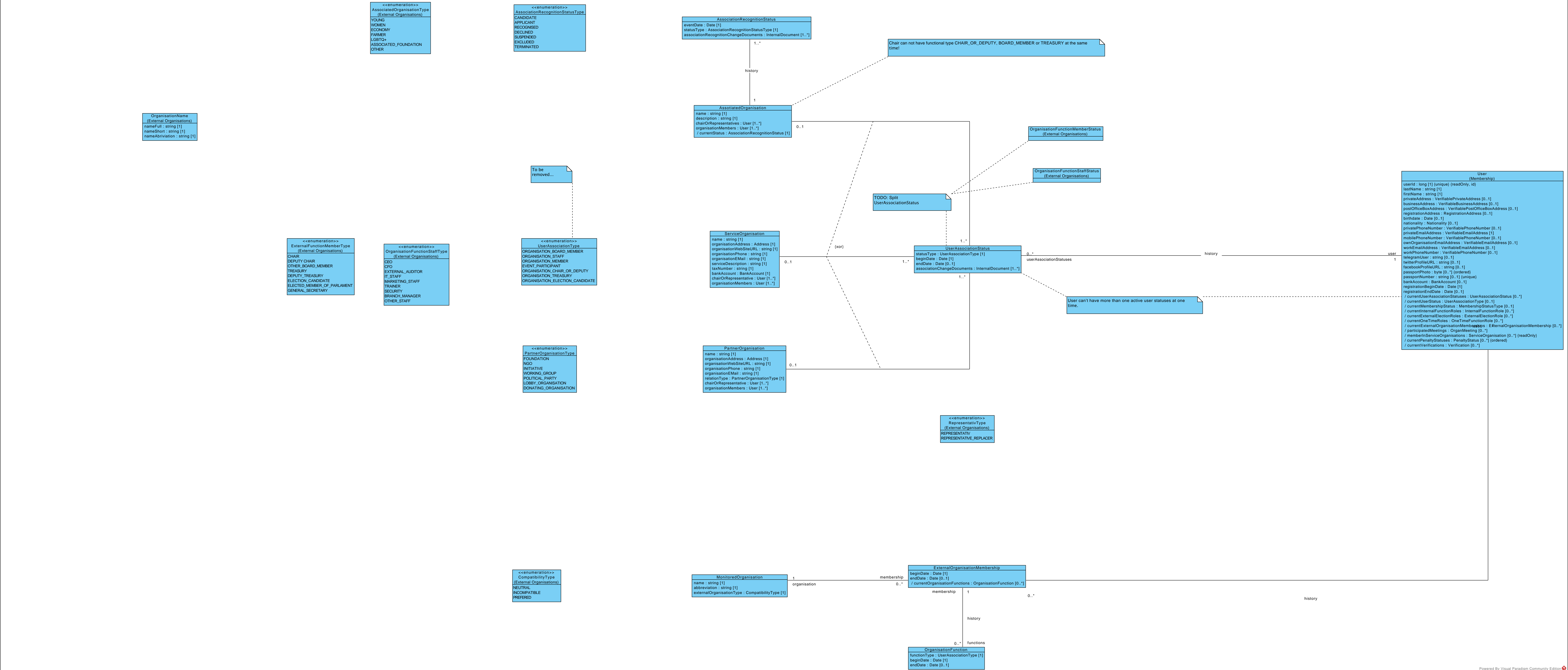
ExternalOrganisationMembers

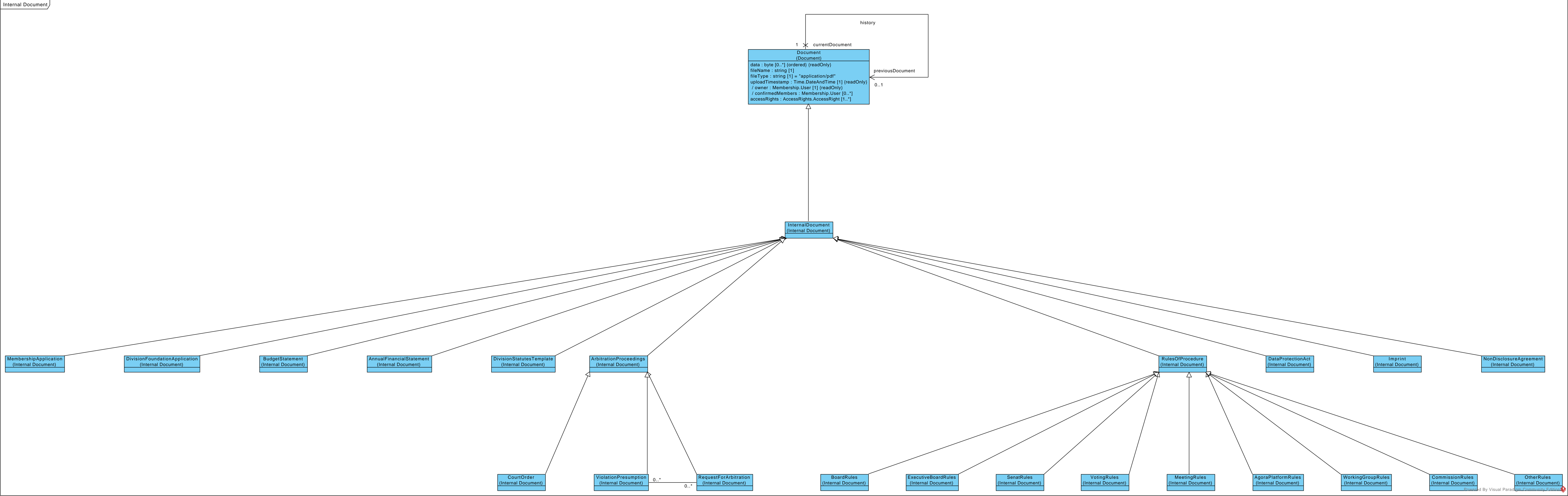
externalOrganisation : MonitoredOrganisation [1]
userAssociationType : UserAssociationType [1..*]

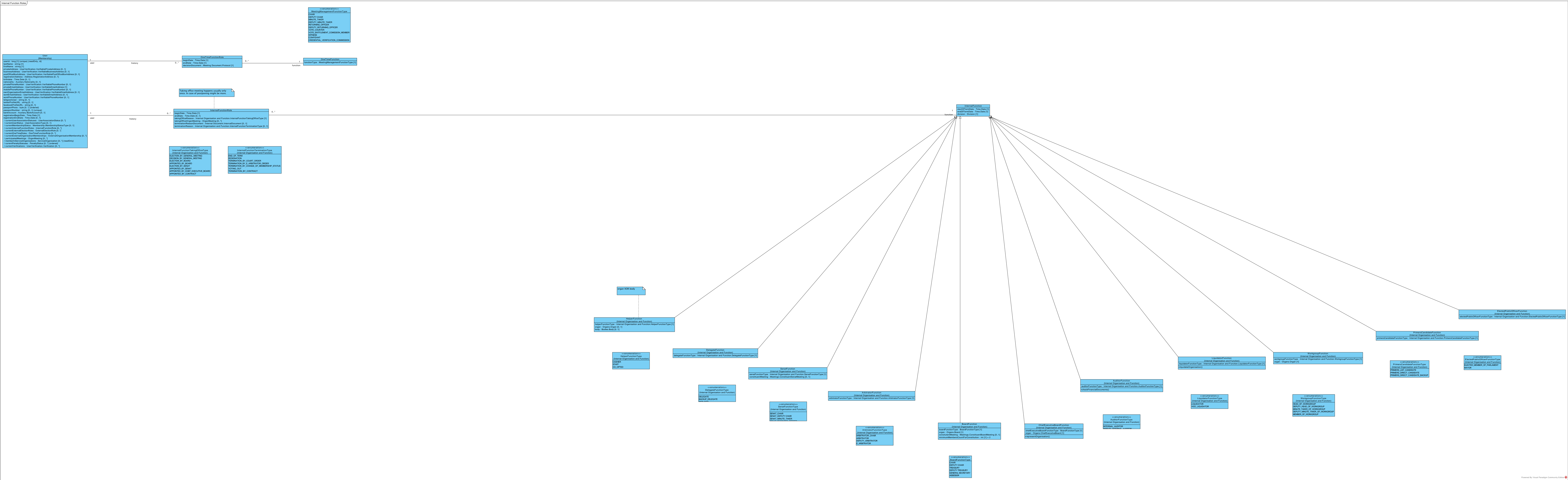




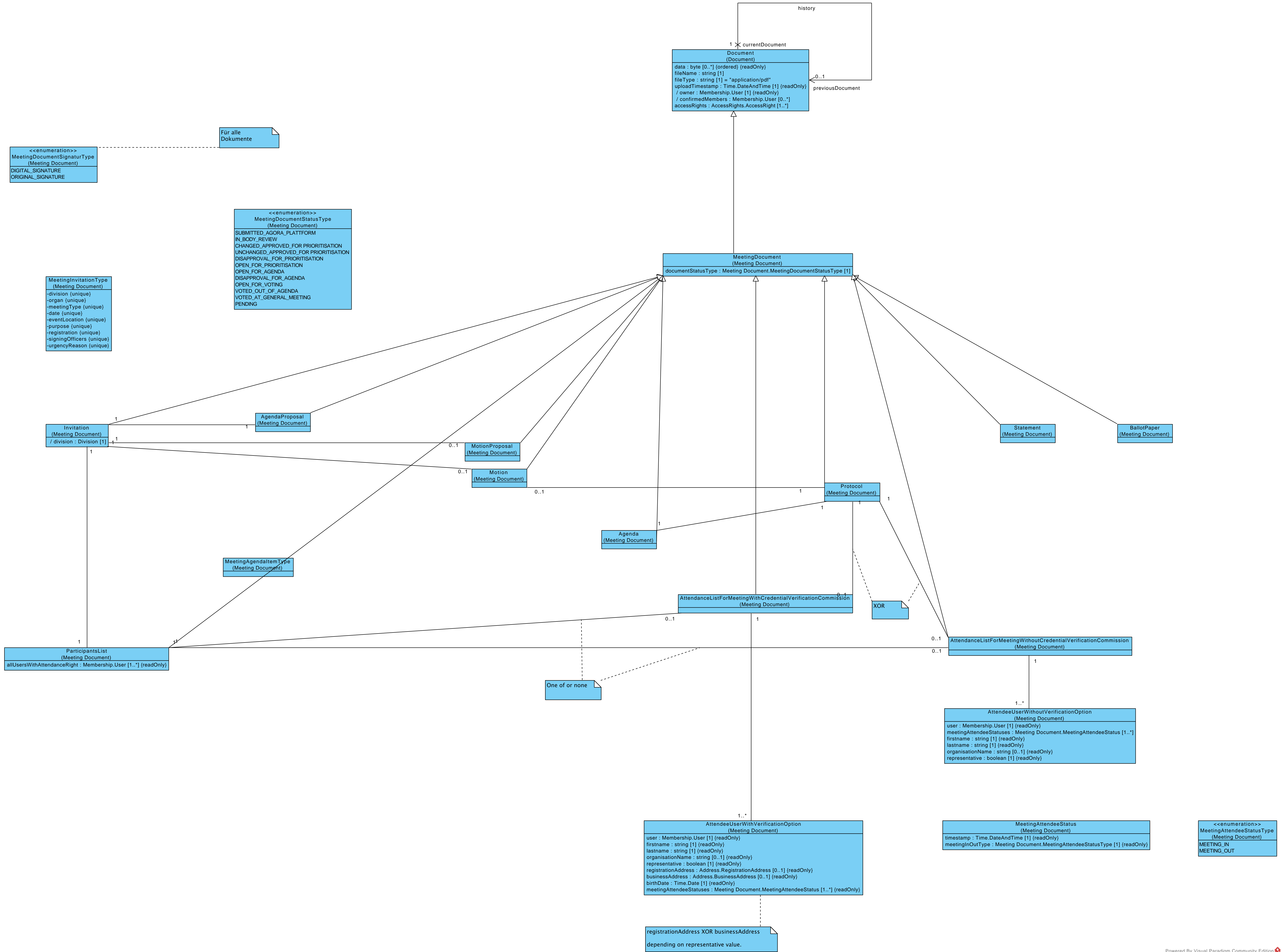


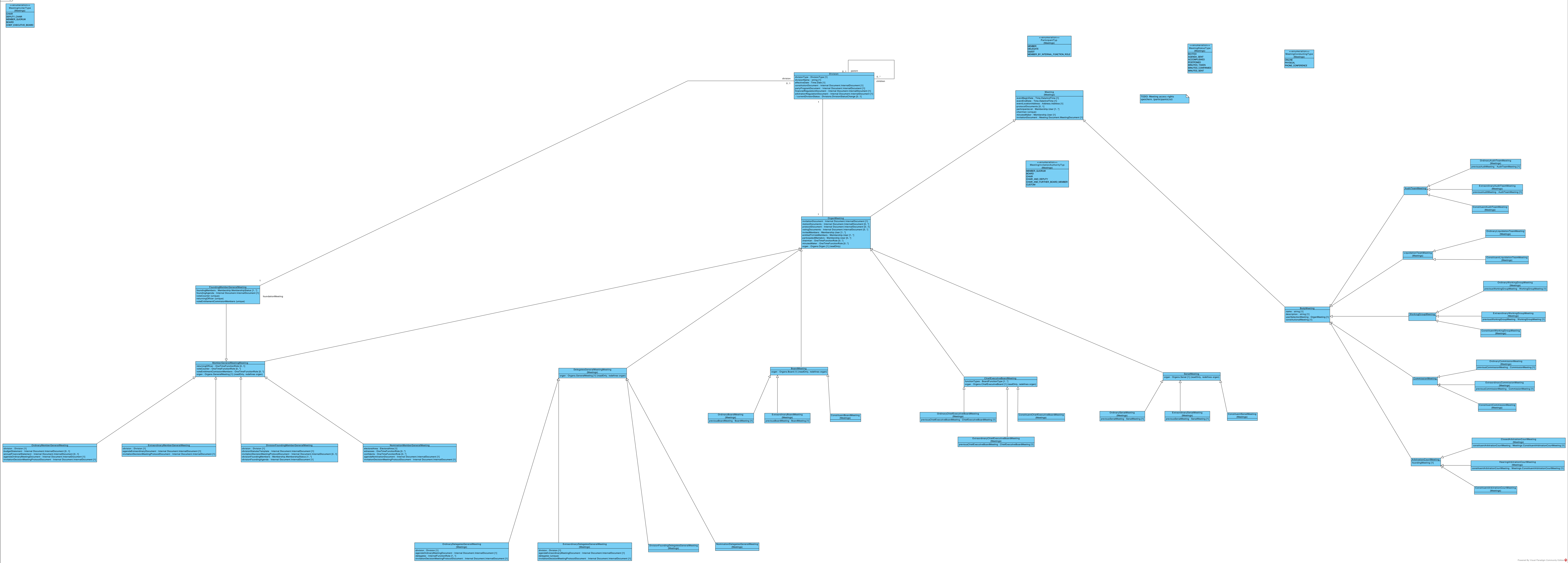




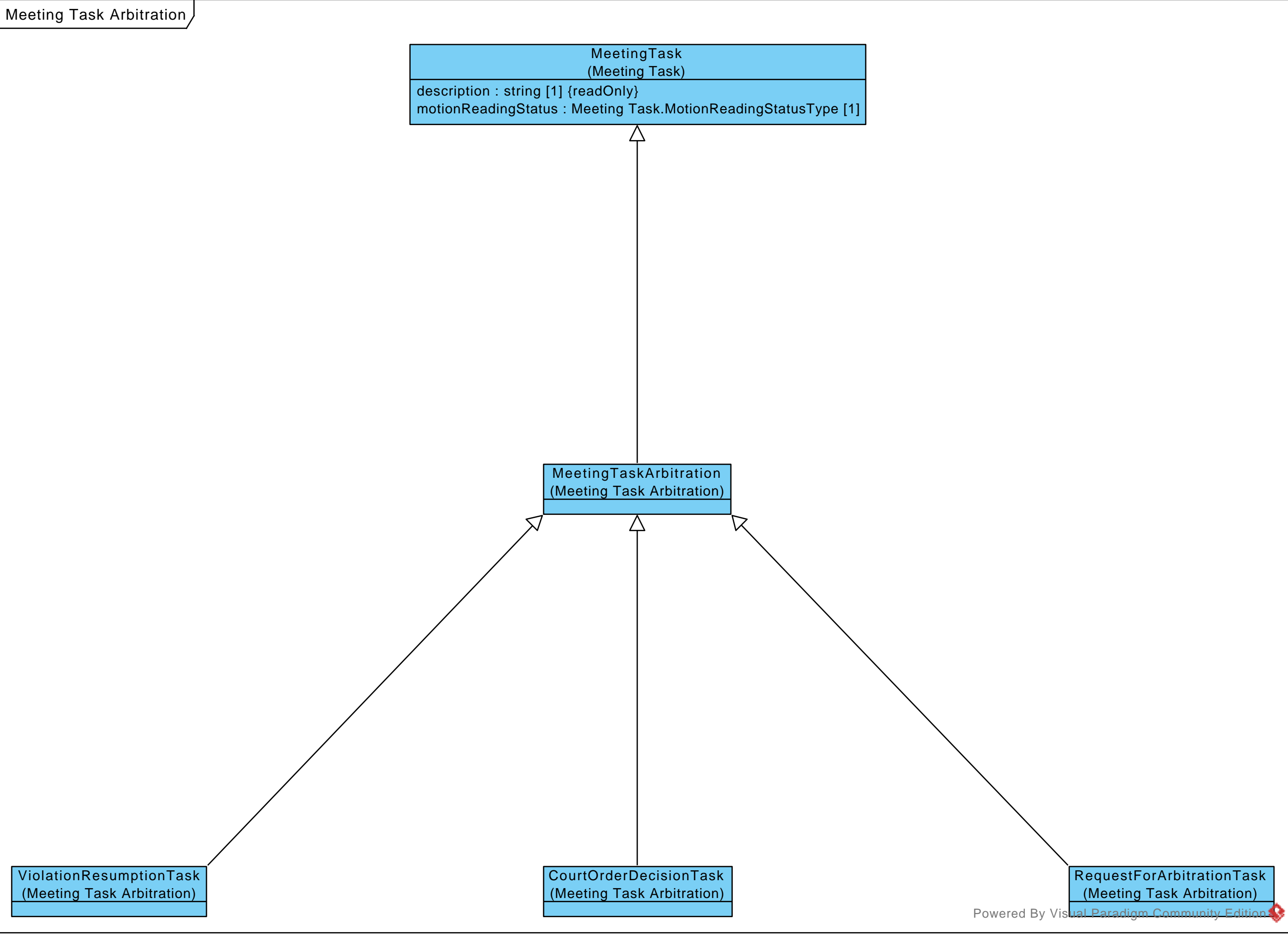


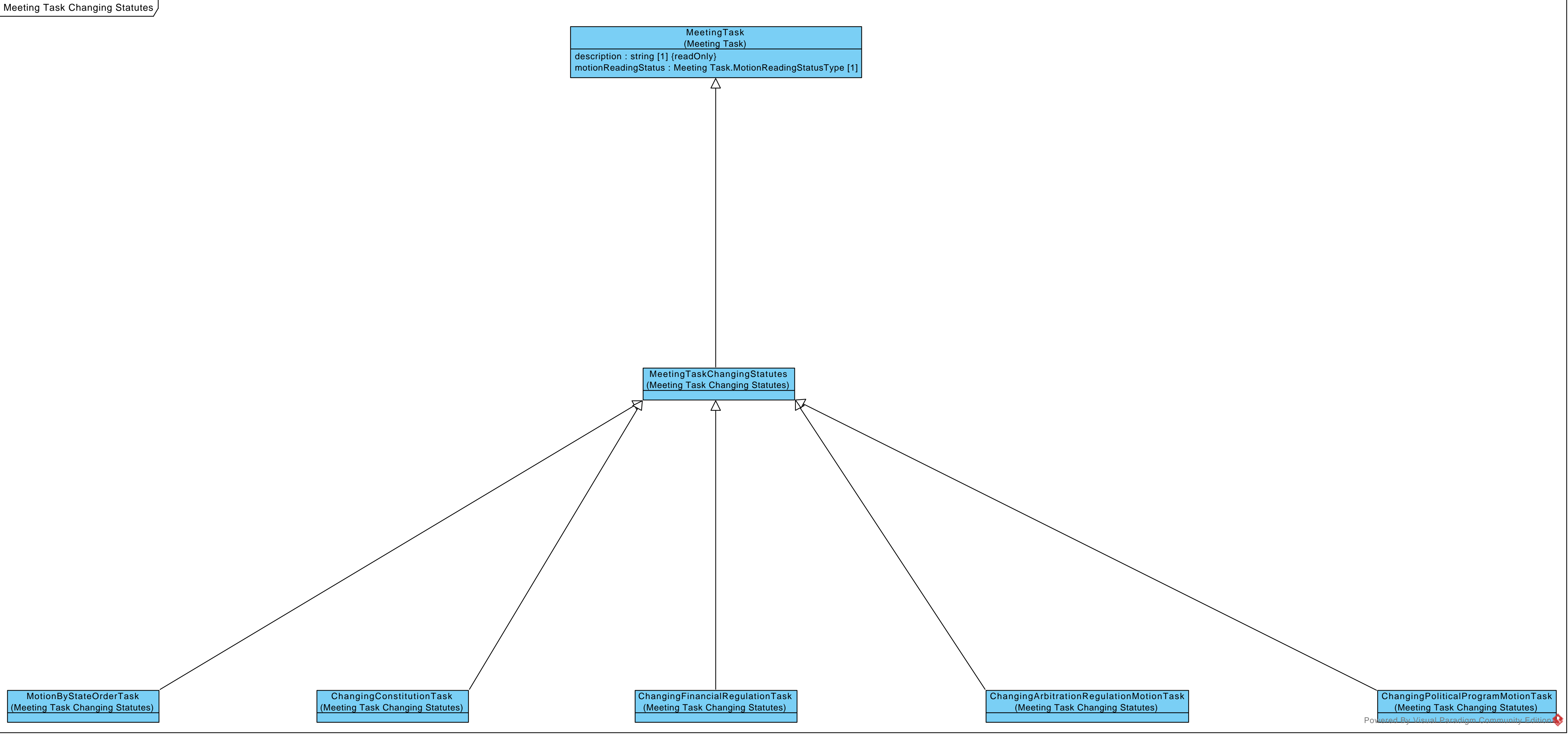
Meeting Access Rights
<div><<enumerations>> MeetingRightsType</div> <div>RIGHT_TO_PARTICIPATE RIGHT_TO_SPEAK RIGHT_TO_VOTE RIGHT_TO_APPLY_MOTIONS RIGHT_TO_BE_ELECTED VETO_POWER RIGHT_OF_REPRESENTATION_IN_ABSENCE</div>
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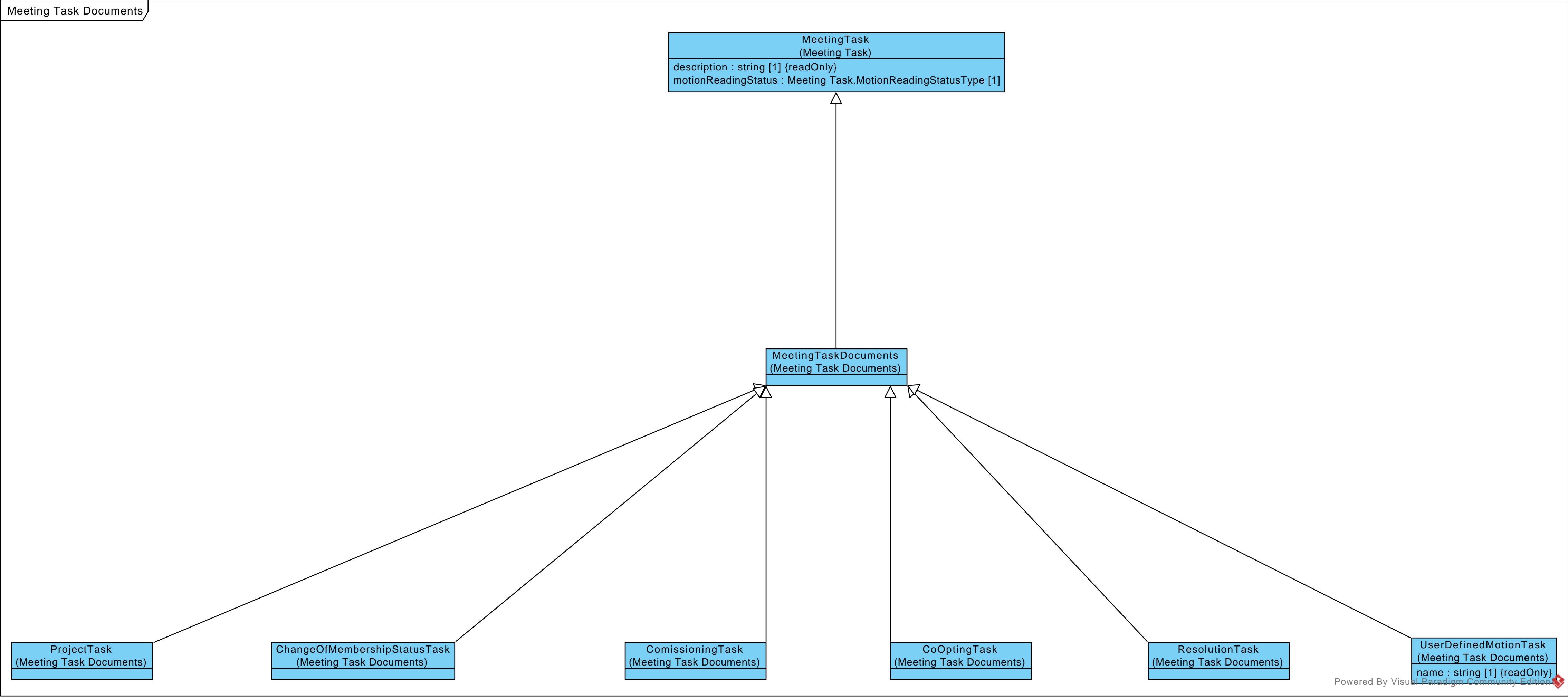


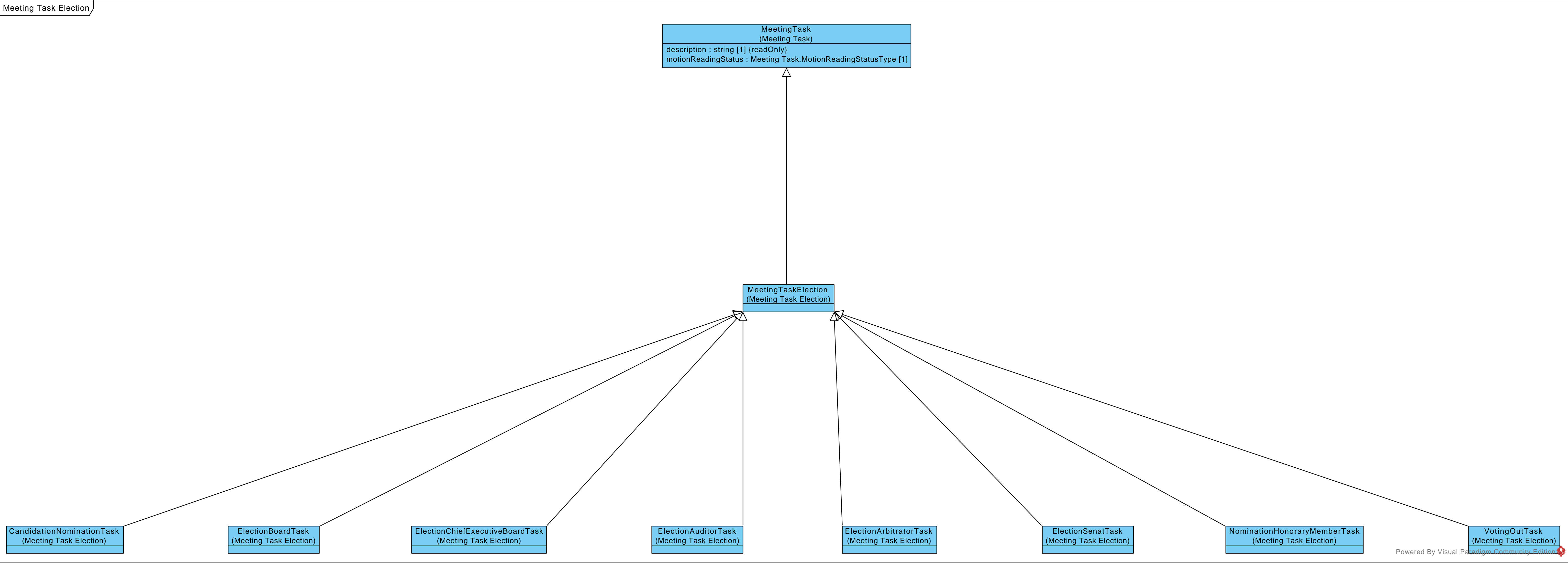


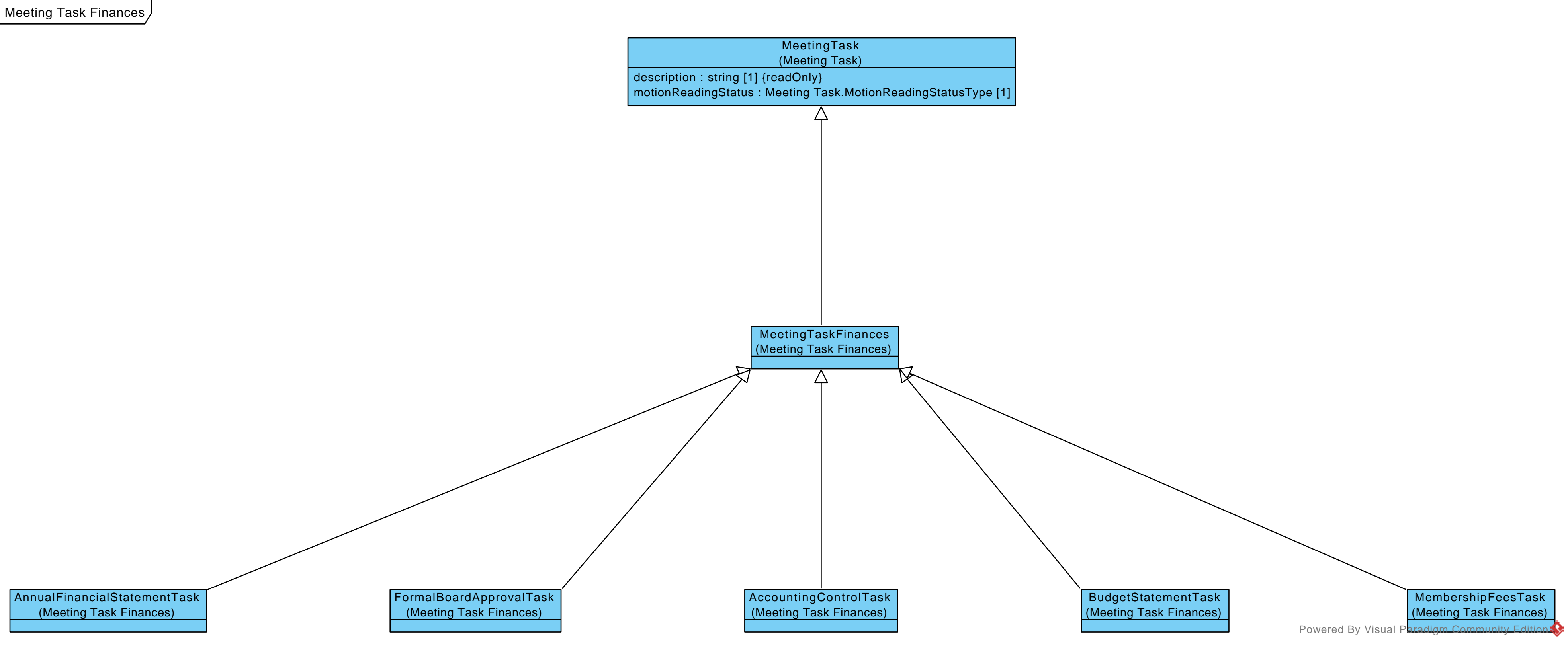


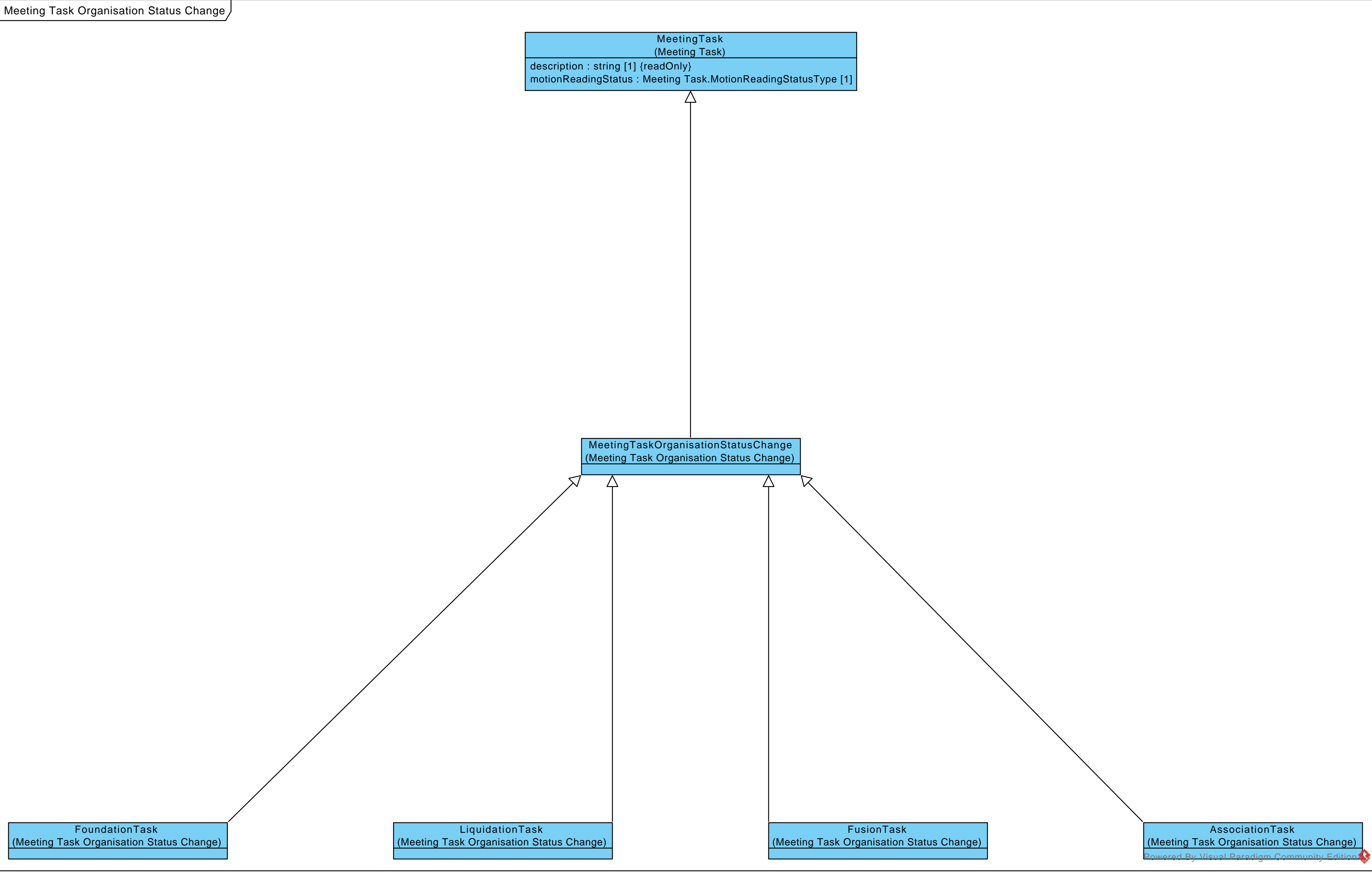


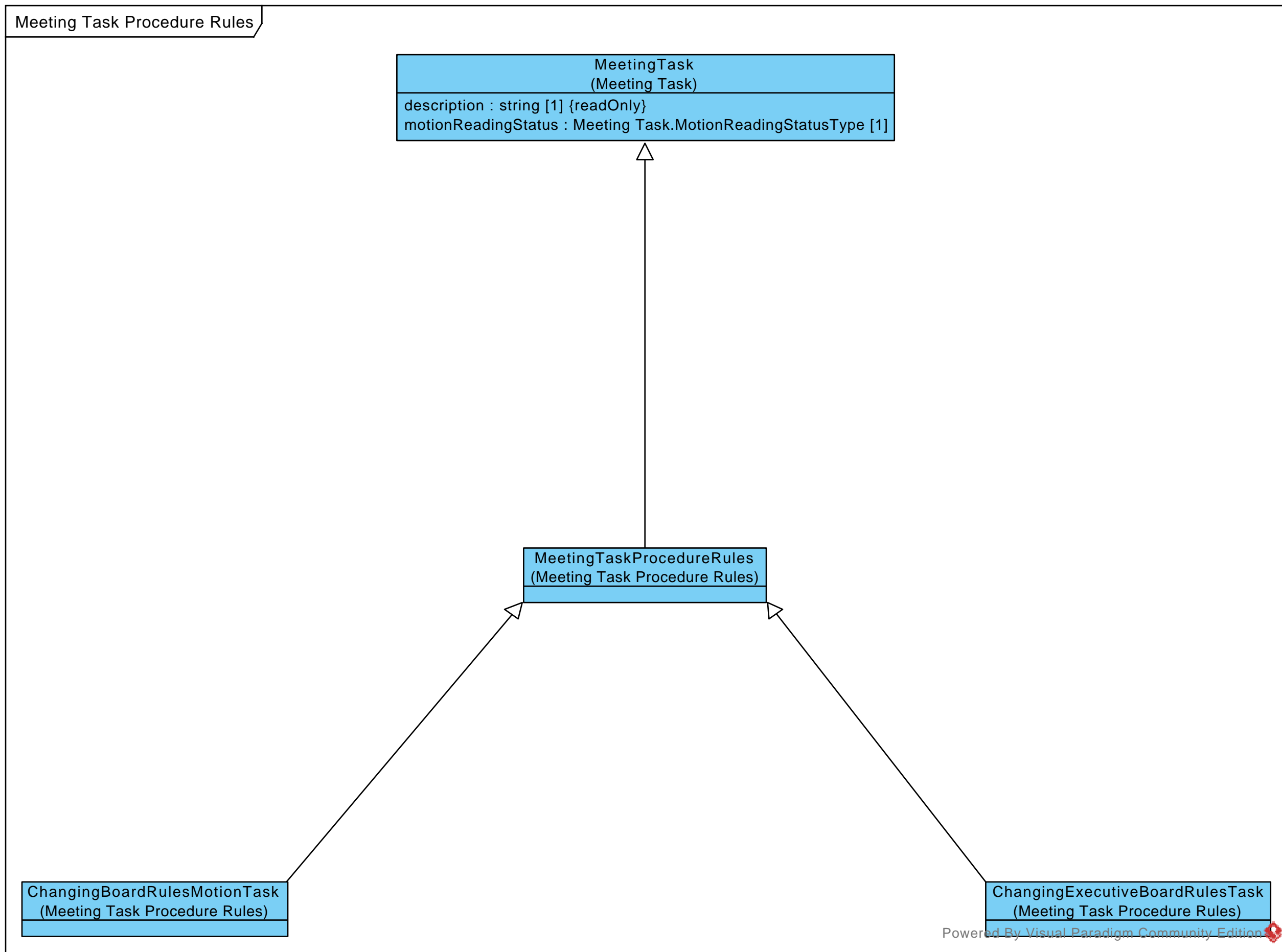


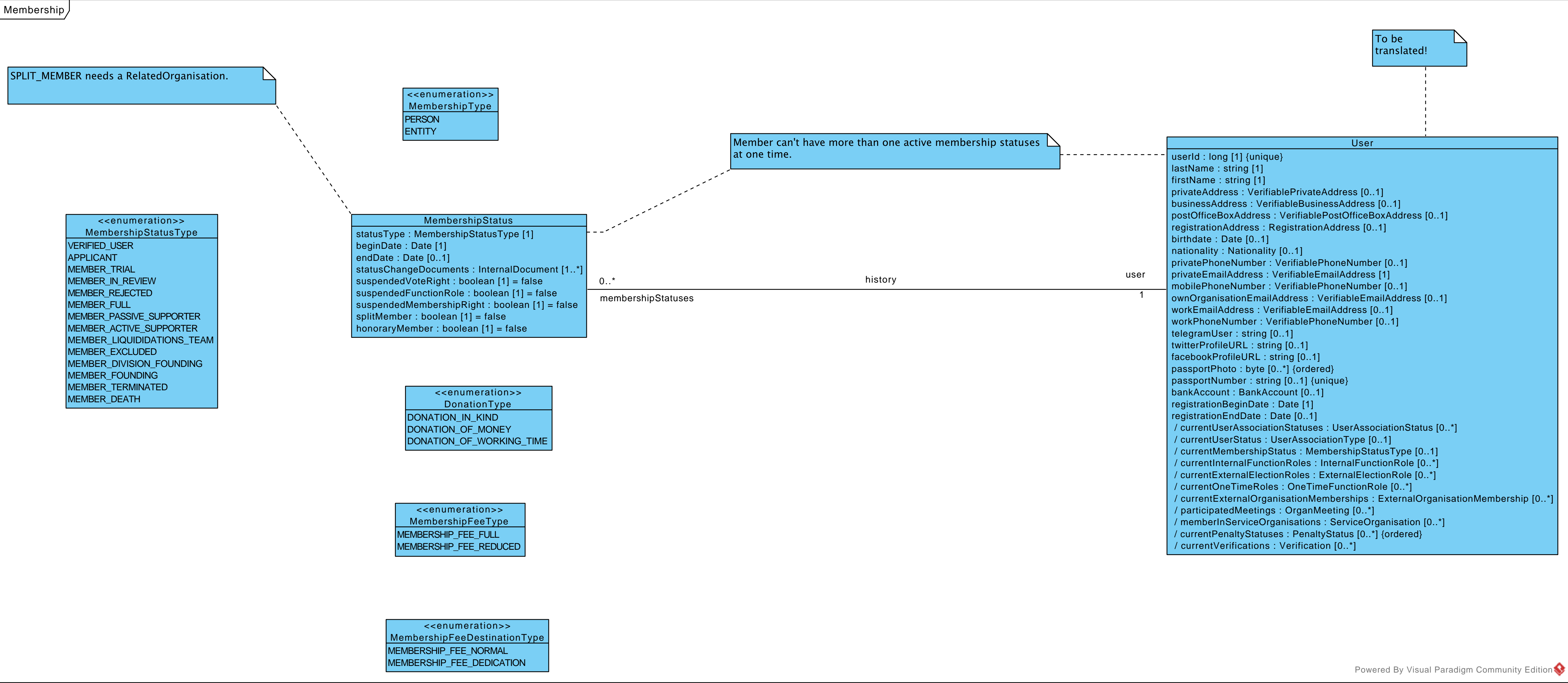






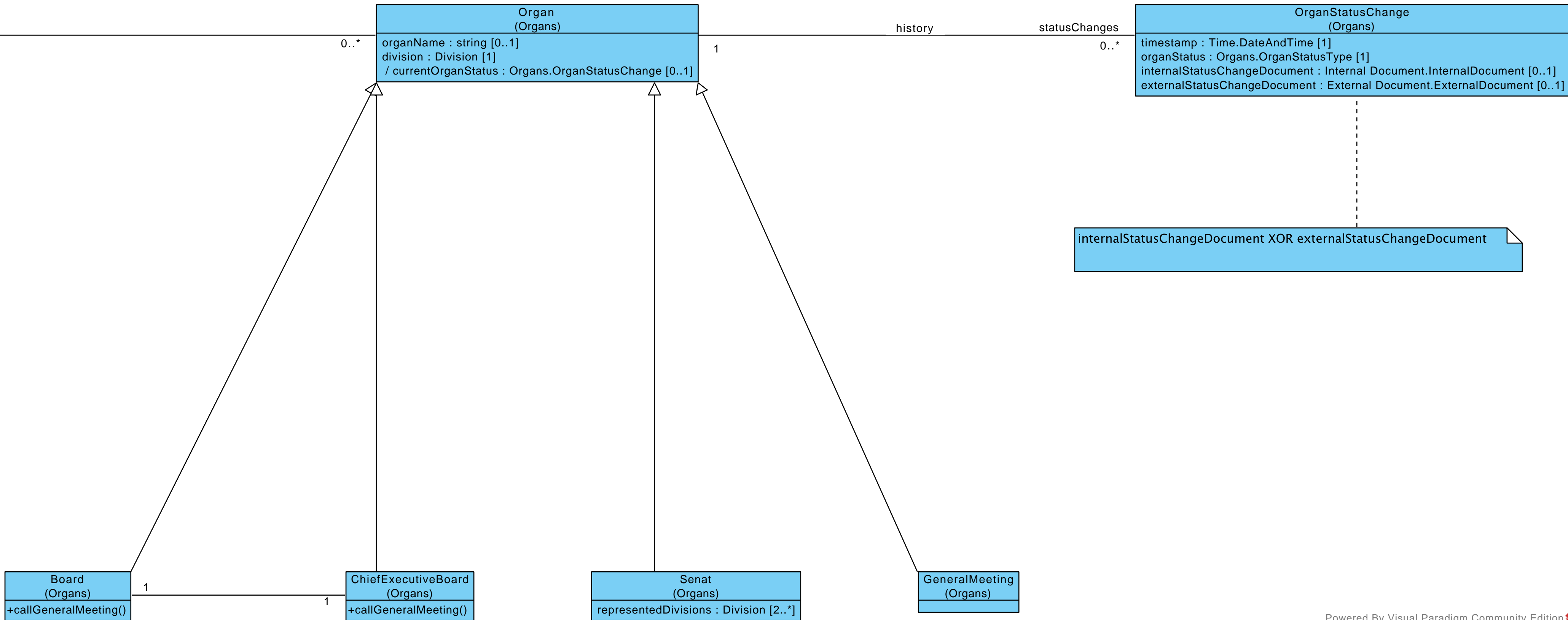


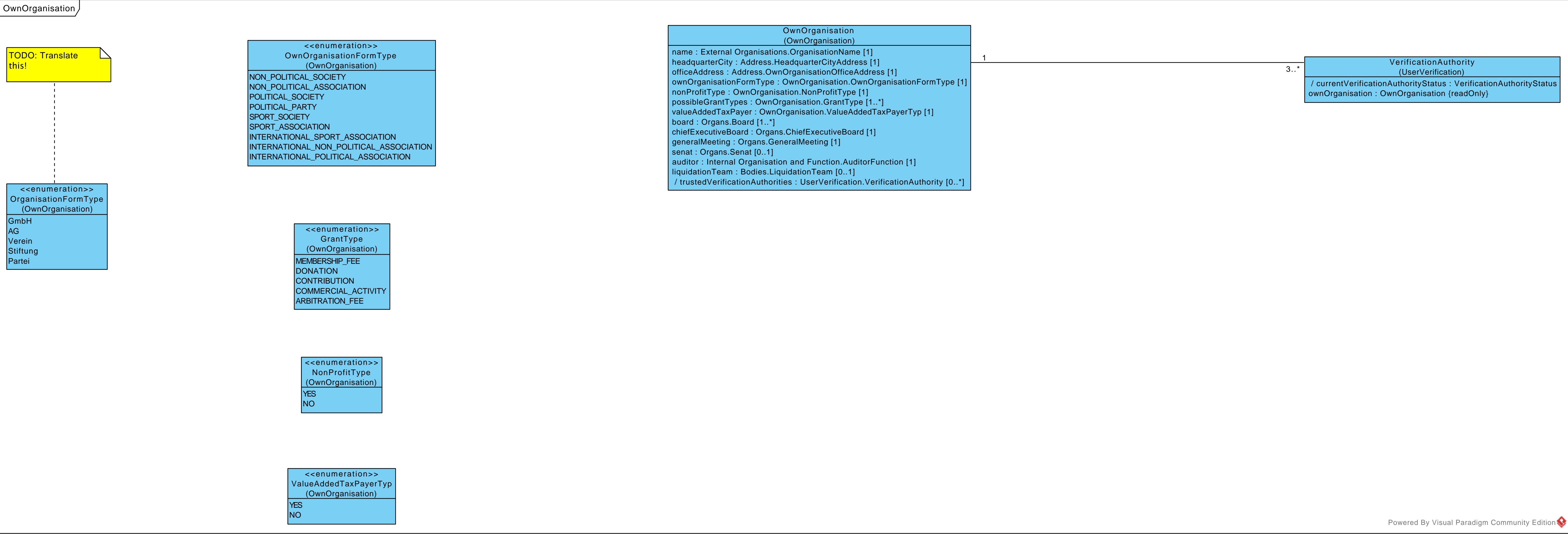


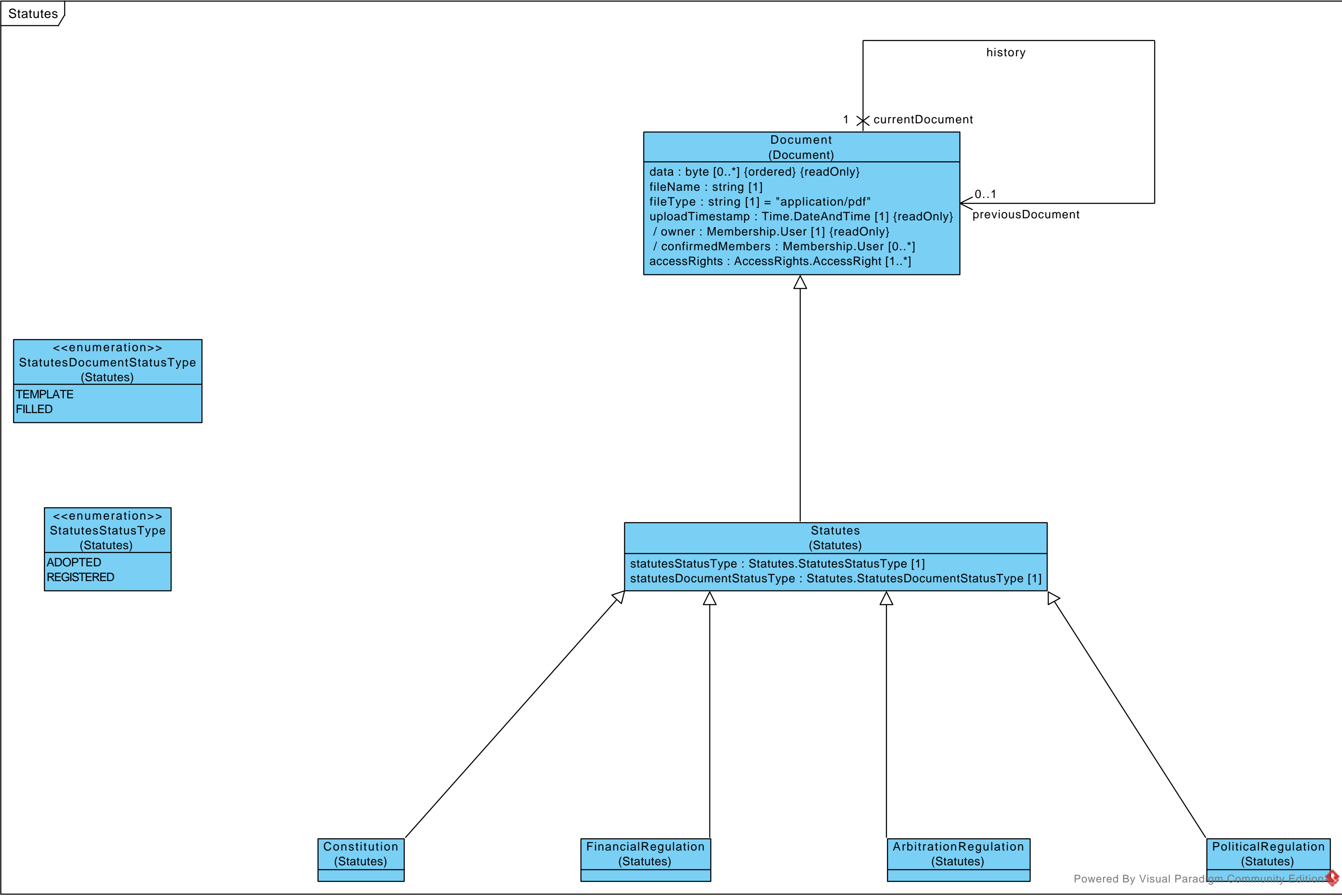


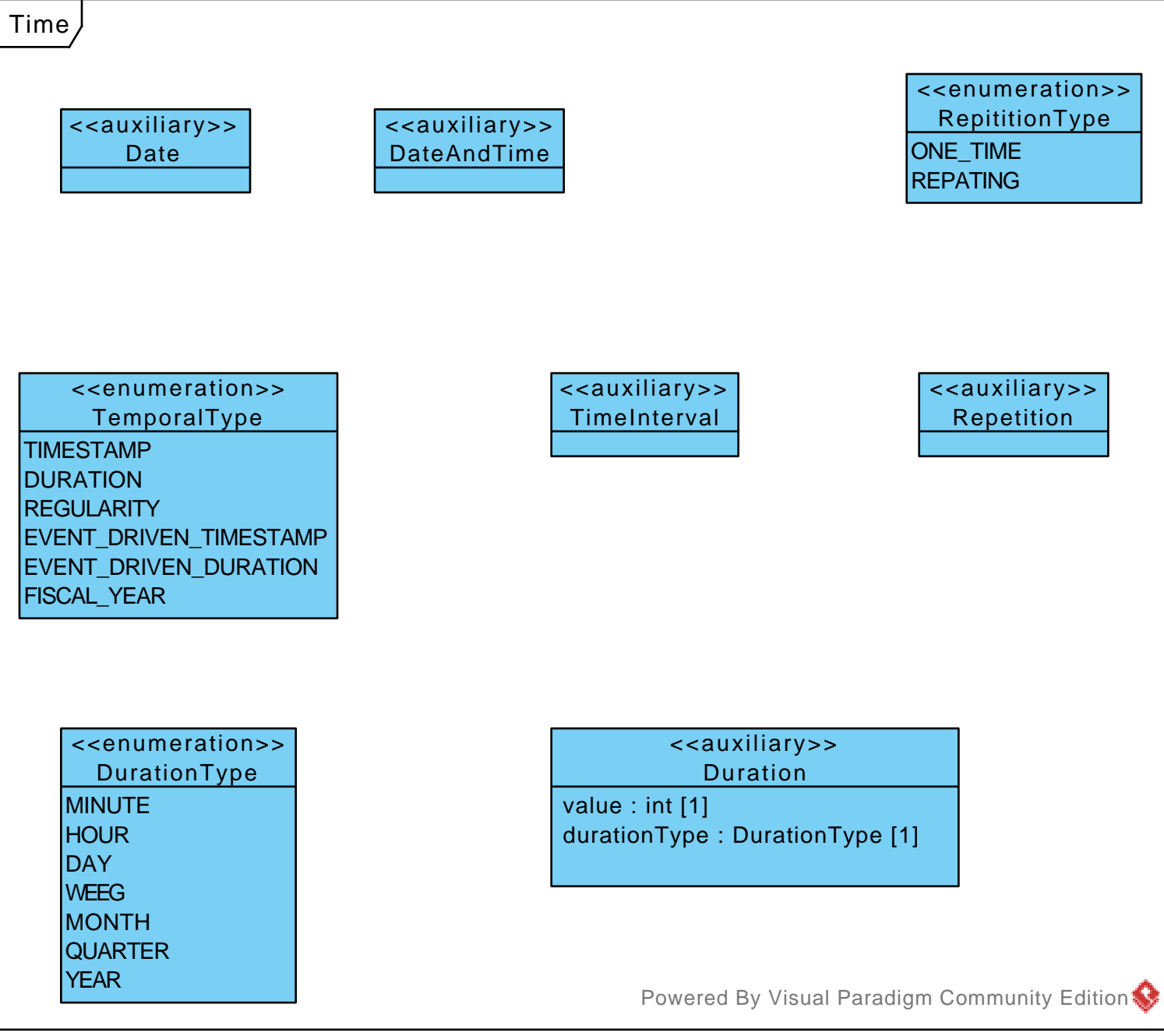
User
(Membership)

userId : long [1] (unique) (readOnly, id)
lastName : string [1]
firstName : string [1]
privateAddress : UserVerification.VerifiablePrivateAddress [0..1]
businessAddress : UserVerification.VerifiableBusinessAddress [0..1]
postOfficeBoxAddress : UserVerification.VerifiablePostOfficeBoxAddress [0..1]
registrationAddress : Address.RegistrationAddress [0..1]
birthdate : Time.Date [0..1]
nationality : Auxiliary.Nationality [0..1]
privatePhoneNumber : UserVerification.VerifiablePhoneNumber [0..1]
privateEmailAddress : UserVerification.VerifiableEmailAddress [1]
mobilePhoneNumber : UserVerification.VerifiablePhoneNumber [0..1]
ownOrganisationEmailAddress : UserVerification.VerifiableEmailAddress [0..1]
workEmailAddress : UserVerification.VerifiableEmailAddress [0..1]
workPhoneNumber : UserVerification.VerifiablePhoneNumber [0..1]
telegramUser : string [0..1]
twitterProfileURL : string [0..1]
facebookProfileURL : string [0..1]
passportPhoto : byte [0..*] (ordered)
passportNumber : string [0..1] (unique)
bankAccount : Auxiliary.BankAccount [0..1]
registrationBeginDate : Time.Date [1]
registrationEndDate : Time.Date [0..1]
/ currentUserAssociationStatuses : UserAssociationStatus [0..*]
/ currentUserStatus : UserAssociationType [0..1]
/ currentMembershipStatus : Membership.MembershipStatusType [0..1]
/ currentInternalFunctionRoles : InternalFunctionRole [0..*]
/ currentExternalElectionRoles : ExternalElectionRole [0..*]
/ currentOneTimeRoles : OneTimeFunctionRole [0..*]
/ currentExternalOrganisationMemberships : ExternalOrganisationMembership [0..*]
/ participatedMeetings : OrganMeeting [0..*]
/ memberInServiceOrganisations : ServiceOrganisation [0..*] (readOnly)
/ currentPenaltyStatuses : PenaltyStatus [0..*] (ordered)
/ currentVerifications : UserVerification.Verification [0..*]











One user needs 2 valide verifications from the same OwnOrganisation. Create a map.

User
(Membership)

userId : long [1] (unique) (readOnly, id)
lastName : string [1]
firstName : string [1]
privateAddress : UserVerification.VerifiablePrivateAddress [0..1]
businessAddress : UserVerification.VerifiableBusinessAddress [0..1]
postOfficeBoxAddress : UserVerification.VerifiablePostOfficeBoxAddress [0..1]
registrationAddress : Address.RegistrationAddress [0..1]
birthdate : Time.Date [0..1]
nationality : Auxiliary.Nationality [0..1]
privatePhoneNumber : UserVerification.VerifiablePhoneNumber [0..1]
privateEmailAddress : UserVerification.VerifiableEmailAddress [1]
mobilePhoneNumber : UserVerification.VerifiablePhoneNumber [0..1]
ownOrganisationEmailAddress : UserVerification.VerifiableEmailAddress [0..1]
workEmailAddress : UserVerification.VerifiableEmailAddress [0..1]
workPhoneNumber : UserVerification.VerifiablePhoneNumber [0..1]
telegramUser : string [0..1]
twitterProfileURL : string [0..1]
facebookProfileURL : string [0..1]
passportPhoto : byte [0..*] (ordered)
passportNumber : string [0..1] (unique)
bankAccount : Auxiliary.BankAccount [0..1]
registrationBeginDate : Time.Date [1]
registrationEndDate : Time.Date [0..1]
/ currentUserAssociationStatuses : UserAssociationStatus [0..*]
/ currentUserStatus : UserAssociationType [0..1]
/ currentMembershipStatus : Membership.MembershipStatusType [0..1]
/ currentInternalFunctionRoles : InternalFunctionRole [0..*]
/ currentExternalElectionRoles : ExternalElectionRole [0..*]
/ currentOneTimeRoles : OneTimeFunctionRole [0..*]
/ currentExternalOrganisationMemberships : ExternalOrganisationMembership [0..*]
/ participatedMeetings : OrganMeeting [0..1]
/ memberInServiceOrganisations : ServiceOrganisation [0..*] (readOnly)
/ currentPenaltyStatuses : PenaltyStatus [0..*] (ordered)
/ currentVerifications : UserVerification.Verification [0..*]

TODO: Create VerifiablePassportData!
photo, number, nationality, birthdate, registration address

<<enumeration>>
VerificationType
(UserVerification)

ONLINE
OFFLINE
OTHER

<<enumeration>>
VerificationStatusType
(UserVerification)

GAINED
LOST
IN_REVIEW

<<enumeration>>
VerificationAuthorityStatusType
(UserVerification)

TEMPORARY_TRUSTED
TRUSTED
CANCELED

VerifiableEmailAddress
(UserVerification)

emailAddress : string [1] (readOnly)
/ currentVerifications : UserVerification.EmailVerification [0..*]

EmailVerification
(UserVerification)

timestamp : Time.DateAndTime [1] (readOnly)
verificationStatus : UserVerification.VerificationStatusType [1] (readOnly)
ownOrganisation : OwnOrganisation.OwnOrganisation [1] (readOnly)

VerifiablePhoneNumber
(UserVerification)

phoneNumber : string [1] (readOnly)
/ currentVerifications : UserVerification.PhoneVerification [0..*]

PhoneVerification
(UserVerification)

timestamp : Time.DateAndTime [1] (readOnly)
verificationStatus : UserVerification.VerificationStatusType [1] (readOnly)
ownOrganisation : OwnOrganisation.OwnOrganisation [1] (readOnly)

VerifiableAddress
(UserVerification)

address : Address.Address [1] (readOnly)
/ currentVerifications : UserVerification.AddressVerification [0..*]

AddressVerification
(UserVerification)

timestamp : Time.DateAndTime [1] (readOnly)
verificationStatus : UserVerification.VerificationStatusType [1] (readOnly)
ownOrganisation : OwnOrganisation.OwnOrganisation [1] (readOnly)

VerifiablePrivateAddress
(UserVerification)

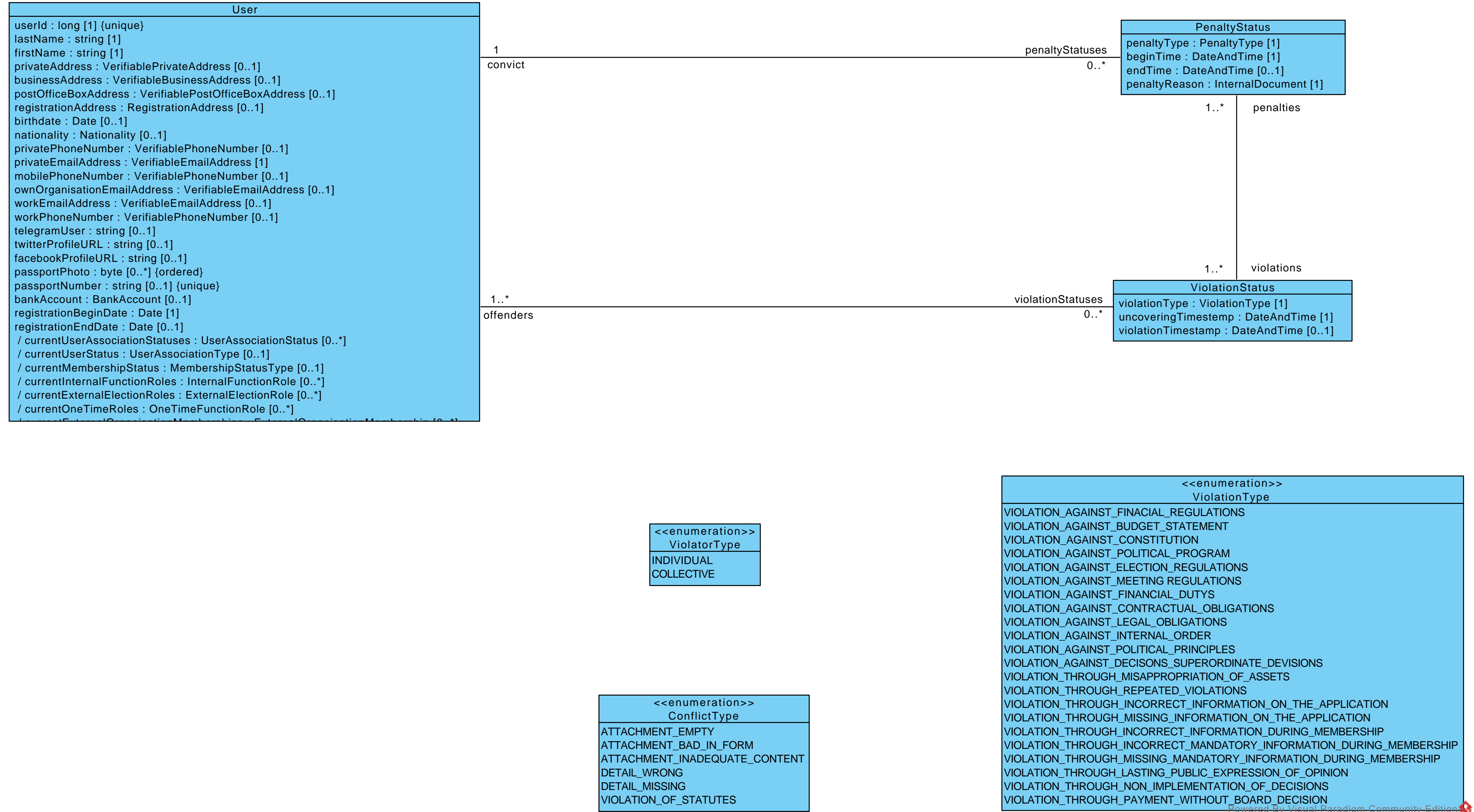
address : Address.PrivateAddress [1] (readOnly, redefines address)

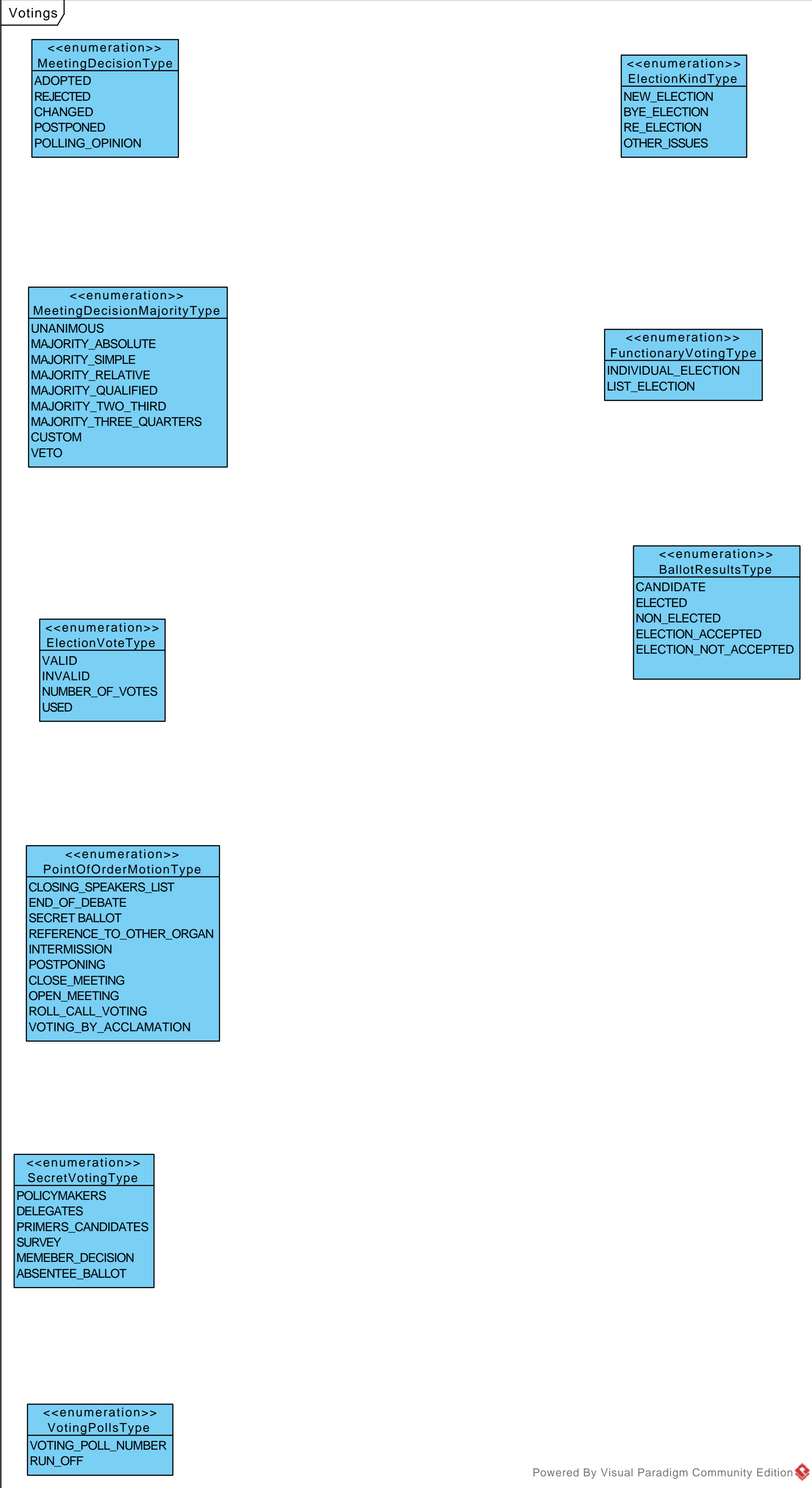
VerifiableBusinessAddress
(UserVerification)

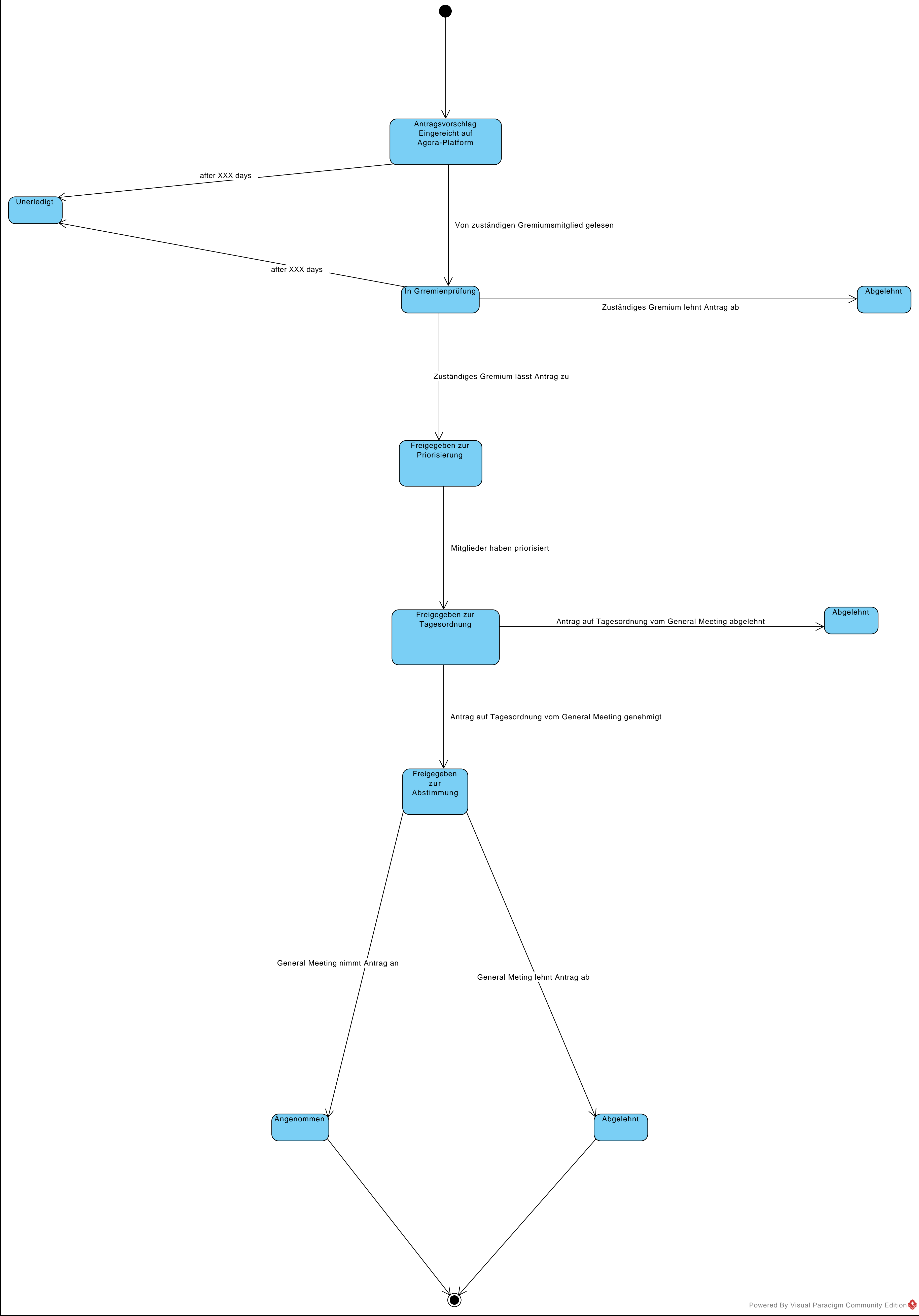
address : Address.BusinessAddress [1] (readOnly, redefines address)

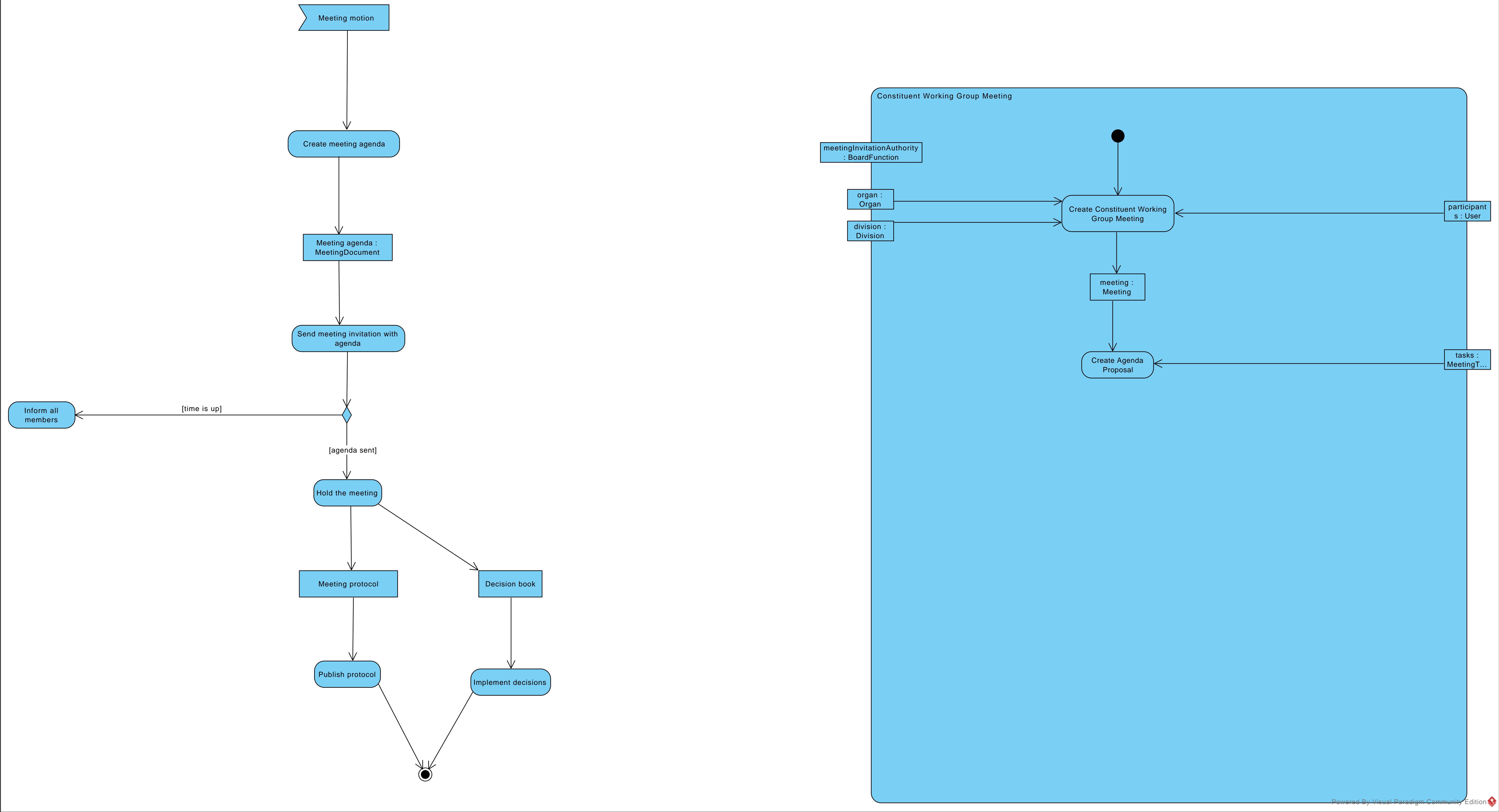
VerifiablePostOfficeBoxAddress
(UserVerification)

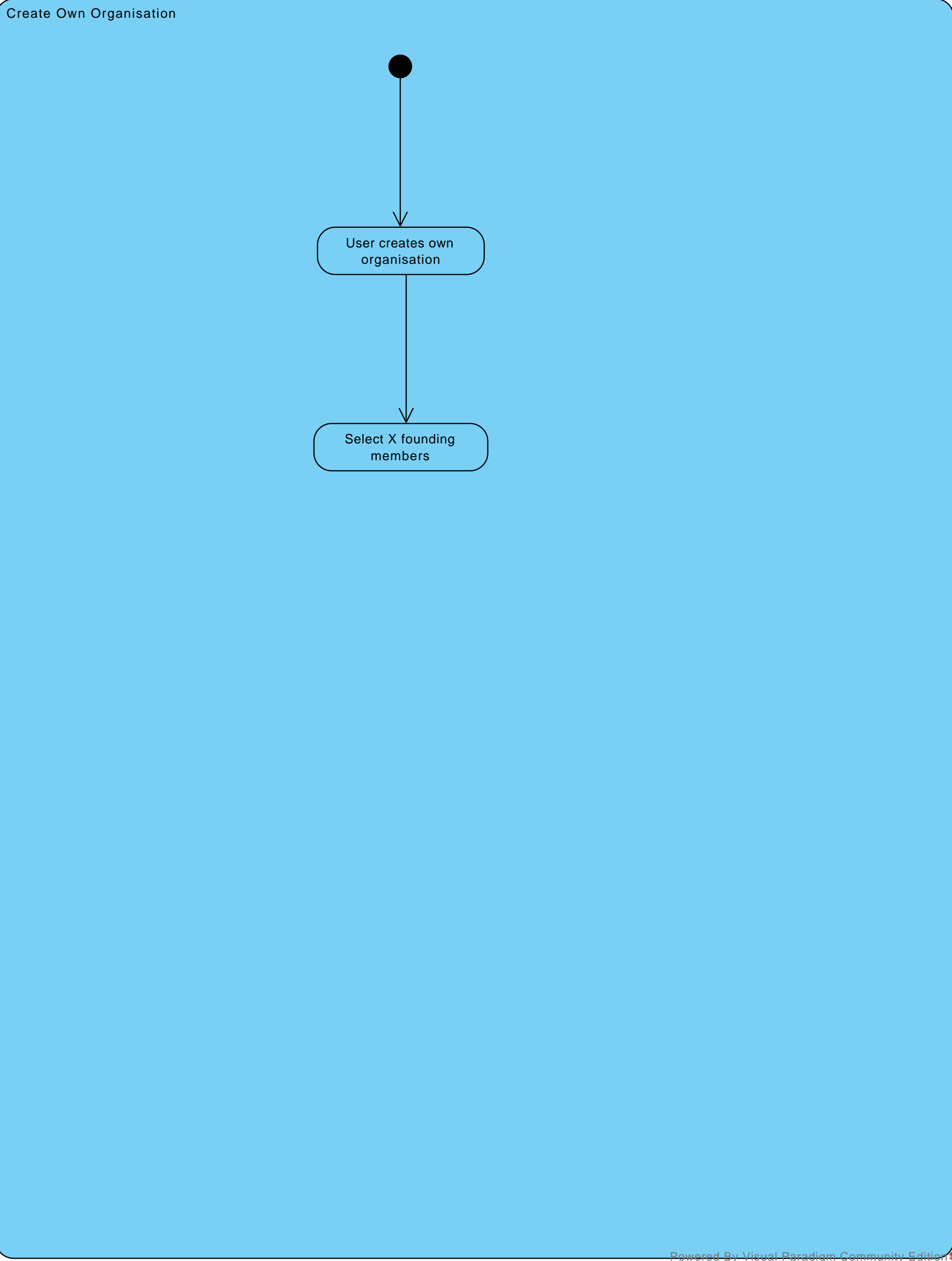
address : Address.PostOfficeBoxAddress [1] (readOnly, redefines address)

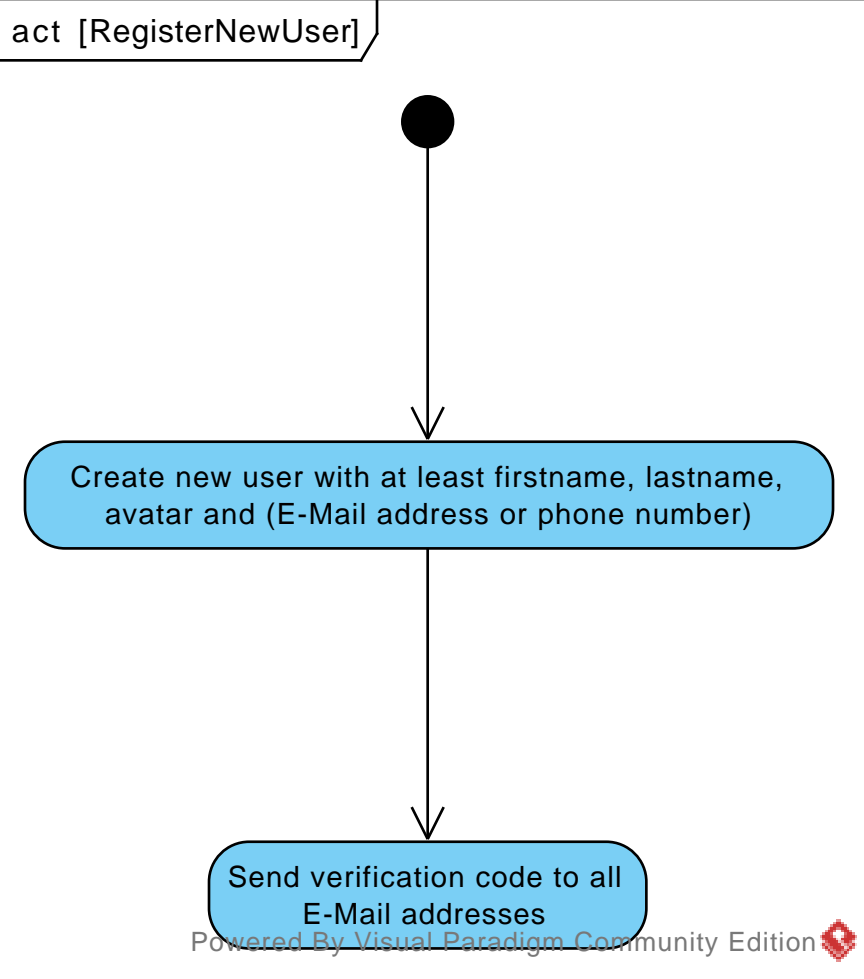












act [VerificationAuthorityCancelling]



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act [Working Group]

Create Working Group

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