DOCUMENTATION TECHNIQUE

Après l'étude complète du cahier des charges émis par la mairie d'Ermont, les différents documents présents ci-dessous ont été définis pour la réalisation du service exigé :

Dictionnaire de données :

association

Column	Type	Null	Default	Comments
idAssoc *(Primary)*	int(10)	No		
nomAssoc	varchar(50)	No		
adresseAssoc	varchar(120)	No		
cpAssoc	varchar(12)	No		
villeAssoc	varchar(20)	No		
telAssoc	varchar(12)	No		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	idAssoc	2	A	No	

citoyen

Column	Type	Null	Default	Comments
idCit *(Primary)*	int(10)	No		
nomCit	varchar(30)	No		
prenomCit	varchar(30)	No		
sexeCit	enum('Masculin', 'Feminin')	Yes	*NULL*	
dateNaissCit	date	No		
lieuNaissCit	varchar(20)	No		
cpLieuNaissCit	varchar(5)	No		
adresseCit	varchar(25)	No		
villeCit	varchar(50)	No		

cpCit	varchar(5)	No		
situationFamilialeCit	enum('Celibataire', 'Marie(e)', 'Divorce(e)', 'Pacse(e)')	Yes	NULL	
emailCit	varchar(50)	No		
question	varchar(255)	Yes	NULL	
reponse	varchar(255)	Yes	NULL	

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	idCit	4	A	No	
emailCit	BTREE	Yes	No	emailCit	4	A	No	

demande_mono

Column	Type	Null	Default	Comments
idDemande *(Primary)*	int(6)	No		
dateDemande	date	No		
dateRep	date	Yes	*NULL*	
etat	enum('En cours de traitement', 'Demande acceptee', 'Demande refusee')	Yes	En cours de traitement	
idCit	int(10)	No		
idTypeDem	int(2)	No		
idEmploye	int(10)	Yes	*NULL*	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	idDemande	0	A	No	
idCit	BTREE	No	No	idCit	0	A	No	
idTypeDem	BTREE	No	No	idTypeDem	0	A	No	
idEmploye	BTREE	No	No	idEmploye	0	A	Yes	

demande_pluriel

Column	Type	Null	Default	Comments
idDemande *(Primary)*	int(6)	No		
dateDemande *(Primary)*	date	No		
dateRep	date	Yes	*NULL*	
idCit1 *(Primary)*	int(10)	No		
idCit2 *(Primary)*	int(10)	No		
idEmploye	int(10)	Yes	*NULL*	
idTypeDem	int(2)	No		
etat	enum('En cours de traitement', 'Demande acceptee', 'Demande refusee')	Yes	En cours de traitement	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	idDemande	0	A	No	

idCit1	0	A	No					
idCit2	0	A	No					
dateDemande	0	A	No					
idCit1	BTREE	No	No	idCit1	0	A	No	
idCit2	BTREE	No	No	idCit2	0	A	No	
idTypeDem	BTREE	No	No	idTypeDem	0	A	No	
idEmploye	BTREE	No	No	idEmploye	0	A	Yes	

Employe

Column	Type	Null	Default	Comments
idEmploye *(Primary)*	int(10)	No		
nomEmploye	varchar(25)	No		
prenomEmploye	varchar(25)	No		
emailEmploye	varchar(50)	No		
idServiceEmploye	int(3)	No		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	idEmploye	2	A	No	
emailEmploye	BTREE	Yes	No	emailEmploye	2	A	No	
idServiceEmploye	BTREE	No	No	idServiceEmploye	2	A	No	

Evenement

Column	Type	Null	Default	Comments
idEve *(Primary)*	int(10)	No		
nomEve	varchar(100)	No		
contenuEve	varchar(255)	No		
adresseEve	varchar(50)	No		
debutEve	date	No		
finEve	date	No		
dateFinInscriptionEve	date	No		
nbParticipantMaxEve	int(5)	Yes	*NULL*	
codeTypeEve	varchar(30)	No		
idAssocEve	**int(10)**	**No**		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	idEve	3	A	No	
codeTypeEve	BTREE	No	No	codeTypeEve	3	A	No	
idAssocEve	BTREE	No	No	idAssocEve	3	A	No	

evenement_association_view
Table comments: *VIEW*

Column	Type	Null	Default	Comments
idEve	int(10)	No	0	
nomEve	varchar(100)	No		
contenu	varchar(255)	No		
adresse	varchar(50)	No		
debutEve	date	No		
finEve	date	No		
dateFinInscription	date	No		
nbParticipantMax	int(5)	Yes	*NULL*	
association	varchar(50)	No		

evenement_enfant_view
Table comments: *VIEW*

Column	Type	Null	Default	Comments
idEve	int(10)	No	0	
nomEve	varchar(100)	No		
contenuEve	varchar(255)	No		
adresseEve	varchar(50)	No		
debutEve	date	No		
finEve	date	No		
dateFinInscriptionEve	date	No		
nbParticipantMaxEve	int(5)	Yes	*NULL*	
codeTypeEve	varchar(30)	No		
idAssocEve	int(10)	No		
trancheAgeMin	int(5)	Yes	*NULL*	
trancheAgeMax	int(5)	Yes	*NULL*	
accompagnant	tinyint(1)	Yes	*NULL*	

gestion_demande_mono_view
Table comments: *VIEW*

Column	Type	Null	Default	Comments
idDemande	int(6)	No	0	
typeD	varchar(100)	No		
etat	enum('En cours de traitement', 'Demande acceptee', 'Demande refusee')	Yes	En cours de traitement	
idCit	int(10)	No	0	
nomCit	varchar(30)	No		
prenomCit	varchar(30)	No		
emailCit	varchar(50)	No		
dateDemande	date	No		
dateRep	date	Yes	*NULL*	
traiteePar	varchar(51)	Yes	*NULL*	

gestion_demande_pluriel_view
Table comments: *VIEW*

Column	Type	Null	Default	Comments
idDemande	int(6)	No	0	
typeDemande	varchar(100)	No		
etatDemande	enum('En cours de traitement', 'Demande acceptee', 'Demande	Yes	En cours de traitement	

	refusee')				
idCit1	int(10)	No			
nomCit1	varchar(30)	No			
prenomCit1	varchar(30)	No			
emailCit1	varchar(50)	No			

idCit2	int(10)	No			
nomCit2	varchar(30)	No			
prenomCit2	varchar(30)	No			
emailCit2	varchar(50)	No			
dateDemande	date	No			
dateRep	date	Yes		*NULL*	
traiteePar	varchar(51)	Yes		*NULL*	

Participer

Column	Type	Null	Default	Comments
idCit *(Primary)*	int(10)	No		
idEve *(Primary)*	int(10)	No		
dateDemande	date	No		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	idCit	0	A	No	
idEve	0	A	No					
idEve	BTREE	No	No	idEve	0	A	No	

participer_citoyen_evenement_view
Table comments: *VIEW*

Column	Type	Null	Default	Comments
idCit	int(10)	No		
nomCit	varchar(30)	No		
prenomCit	varchar(30)	No		
nomEve	varchar(100)	No		
dateDemande	date	No		

role

Column	Type	Null	Default	Comments
idRole *(Primary)*	int(10)	No		
nomRole	varchar(20)	No		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	idRole	3	A	No	

Sentinelleevenement

Column	Type	Null	Default	Comments
idEve *(Primary)*	int(10)	No	**0**	
nomEve	varchar(100)	No		
contenuEve	varchar(255)	No		
adresseEve	varchar(50)	No		
debutEve	date	No		

finEve	date	No					
dateFinInscriptionEve	date	No					
nbParticipantMaxEve	int(5)	Yes	*NULL*				
codeTypeEve	varchar(30)	No					
idAssocEve	int(10)	No					
dateEnregistrer *(Primary)*	datetime	No					
userEve	varchar(141)	No					
action	varchar(10)	No					

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	idEve	0	A	No	
dateEnregistrer	0	A	No					

service

Column	Type	Null	Default	Comments
idService *(Primary)*	int(3)	No		
nomService	varchar(20)	No		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	idService	2	A	No	

type_demande

Column	Type	Null	Default	Comments
idTypeDem *(Primary)*	int(2)	No		
nomTypeDem	varchar(100)	No		
etrePlurielDem	tinyint(1)	Yes	*NULL*	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	idTypeDem	5	A	No	

type_evenement

Column	Type	Null	Default	Comments
codeTypeEve *(Primary)*	varchar(30)	No		
nomtTypeEve	varchar(255)	No		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	codeTypeEve	5	A	No	

type_evenement_adulte

Column	Type	Null	Default	Comments
codeTypeEve *(Primary)*	varchar(30)	No		
nomTypeEve	varchar(255)	No		

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	codeTypeEve	2	A	No	

type_evenement_enfant

Column	Type	Null	Default	Comments
codeTypeEve *(Primary)*	varchar(30)	No		
nomTypeEve	varchar(255)	No		
trancheAgeMin	int(5)	Yes	*NULL*	
trancheAgeMax	int(5)	Yes	*NULL*	
accompagnant	tinyint(1)	Yes	*NULL*	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	codeTypeEve	3	A	No	

User

Column	Type	Null	Default	Comments
idUser *(Primary)*	int(10)	No		
emailUser	varchar(50)	No		
mdpUser	varchar(255)	No		
idRoleUser	int(10)	Yes	1	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	idUser	6	A	No	
emailUser	BTREE	Yes	No	emailUser	6	A	No	
idRoleUser	BTREE	No	No	idRoleUser	6	A	Yes	

v_employe_user
Table comments: *VIEW*

Column	Type	Null	Default	Comments
iduser	int(10)	No	0	
idemploye	int(10)	No	0	
nom	varchar(25)	No		
prenom	varchar(25)	No		
email	varchar(50)	No		
service	varchar(20)			

Modèle Conceptuel de données :
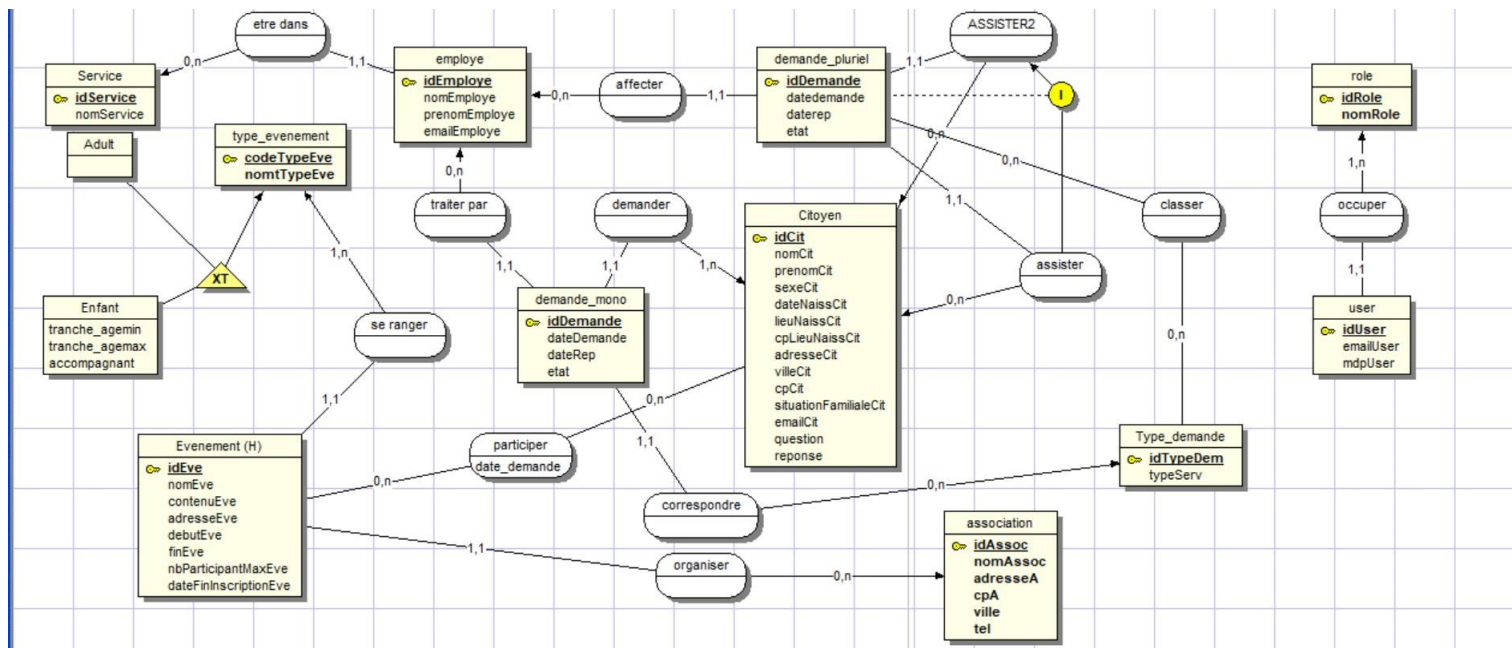
Modèle Logique Relationnelle

Diagramme de classes :

+ Service
- idService
- nomService

+ type_evenement
- codeTypeEve
- nomtTypeEve

+ Adult

+ Enfant
- tranche_agemin
- tranche_agemax
- accompagnant

+ employe
- idEmploye
- nomEmploye
- prenomEmploye
- emailEmploye

+ demande_pluriel
- idDemande
- datedemande
- daterep
- etat

+ role
- idRole
- nomRole

+ Citoyen
- idCit
- nomCit
- prenomCit
- sexeCit
- dateNaissCit
- lieuNaissCit
- cpLieuNaissCit
- adresseCit
- villeCit
- cpCit
- situationFamilialeCit
- emailCit
- question
- reponse

+ user
- idUser
- emailUser
- mdpUser

<< Partition >>
{ }

<< Inclusion >>
{ }

+ demande_mono
- idDemande
- dateDemande
- dateRep
- etat

+ participer
- date_demande

+ Type_demande
- idTypeDem
- typeServ

+ Evenement
- idEve
- nomEve
- contenuEve
- adresseEve
- debutEve
- finEve
- nbParticipantMaxEve
- dateFinInscriptionEve

+ association
- idAssoc
- nomAssoc
- adresseA
- cpA
- ville
- tel

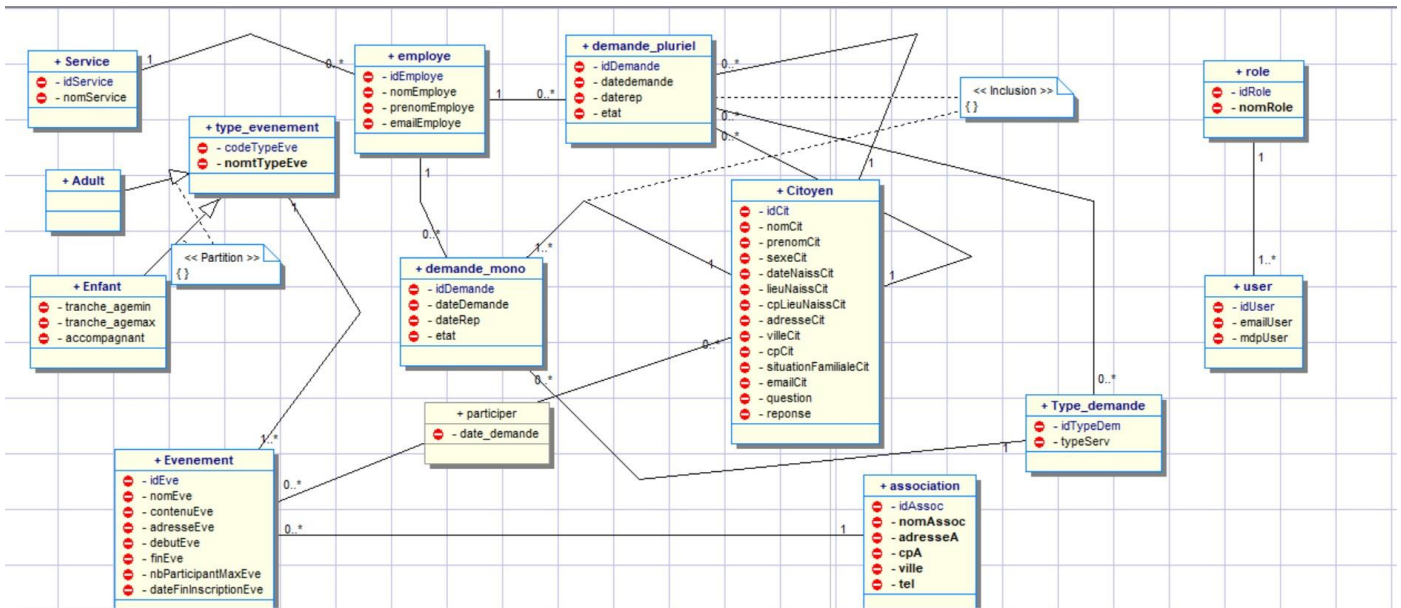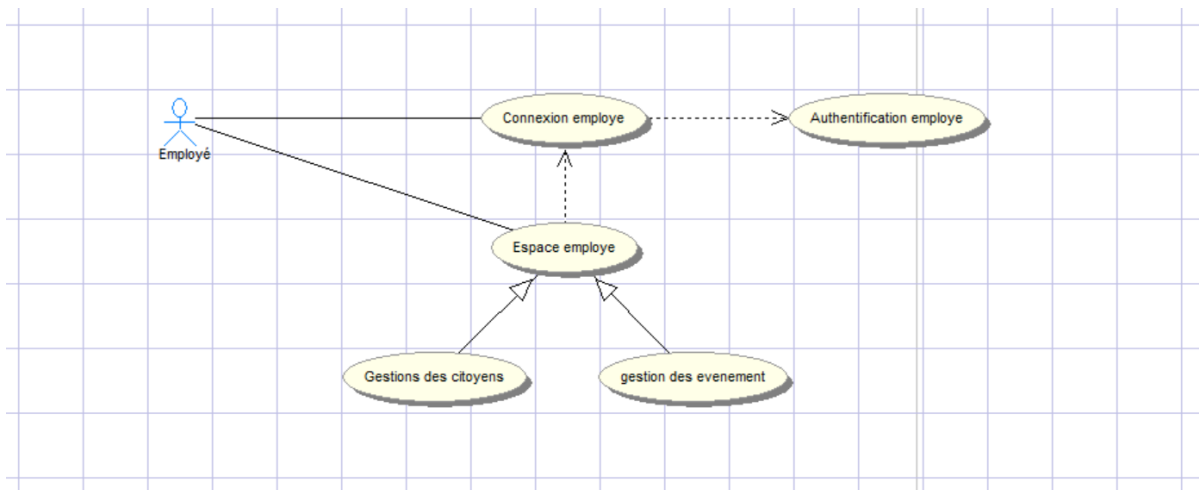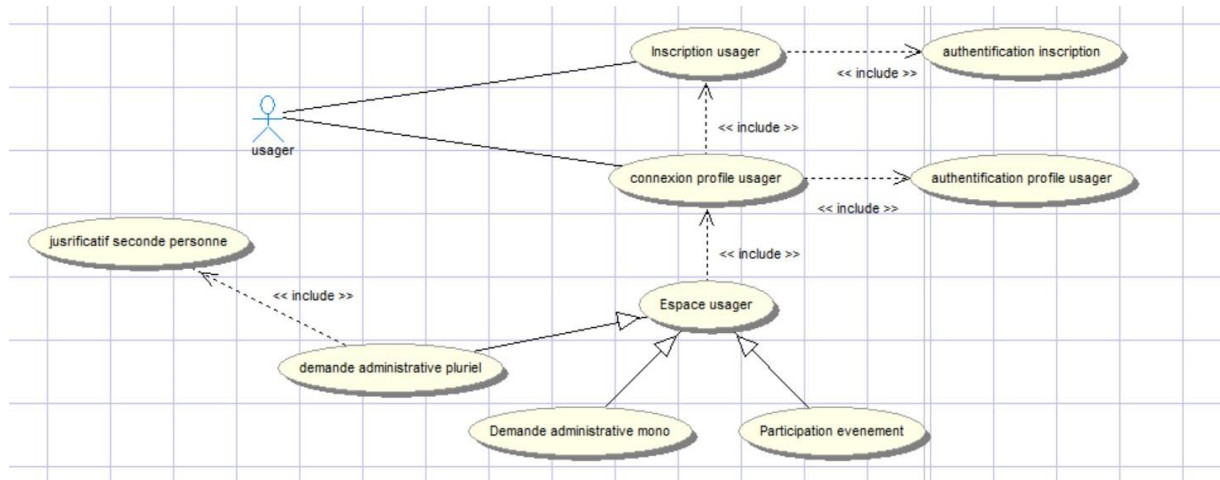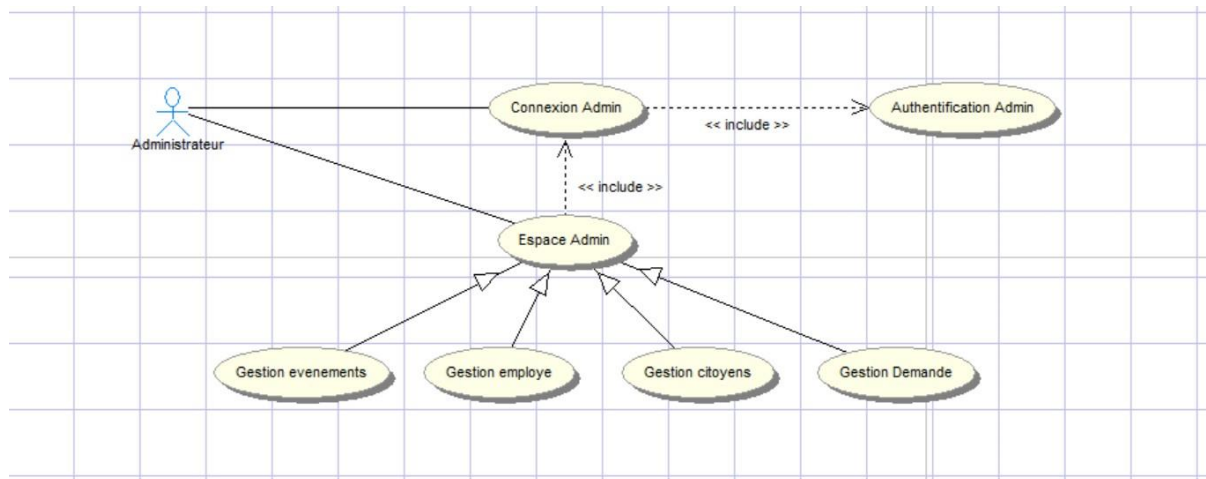# Diagramme de cas d'utilisation

Premier diagramme — usager

- usager
- Inscription usager
- authentification inscription — << include >>
- connexion profile usager — << include >>
- authentification profile usager — << include >>
- Espace usager — << include >>
- jusrificatif seconde personne — << include >>
- demande administrative pluriel
- Demande administrative mono
- Participation evenement

Deuxième diagramme — Employé

- Employé
- Connexion employe
- Authentification employe
- Espace employe
- Gestions des citoyens
- gestion des evenement

Fin