

# 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 :

### Base de données : mairieErmont

#### 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	

## Indexes

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	

### Employee

Column	Type	Null	Default	Comments
idEmploye ( <i>Primary</i> )	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 ( <i>Primary</i> )	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	<i>NULL</i>	
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	<i>NULL</i>	
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	<i>NULL</i>	
codeTypeEve	varchar(30)	No		
idAssocEve	int(10)	No		
trancheAgeMin	int(5)	Yes	<i>NULL</i>	
trancheAgeMax	int(5)	Yes	<i>NULL</i>	
accompagnant	tinyint(1)	Yes	<i>NULL</i>	

**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	<i>NULL</i>	
traiteePar	varchar(51)	Yes	<i>NULL</i>	

**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 refusee')	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	<i>NULL</i>	
codeTypeEve	varchar(30)	No		
idAssocEve	int(10)	No		
dateEnregistrer ( <i>Primary</i> )	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 ( <i>Primary</i> )	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 ( <i>Primary</i> )	int(2)	No		
nomTypeDem	varchar(100)	No		
etrePlurielDem	tinyint(1)	Yes	<i>NULL</i>	

#### 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 ( <i>Primary</i> )	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 ( <i>Primary</i> )	varchar(30)	No		
nomTypeEve	varchar(255)	No		

### Indexes

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

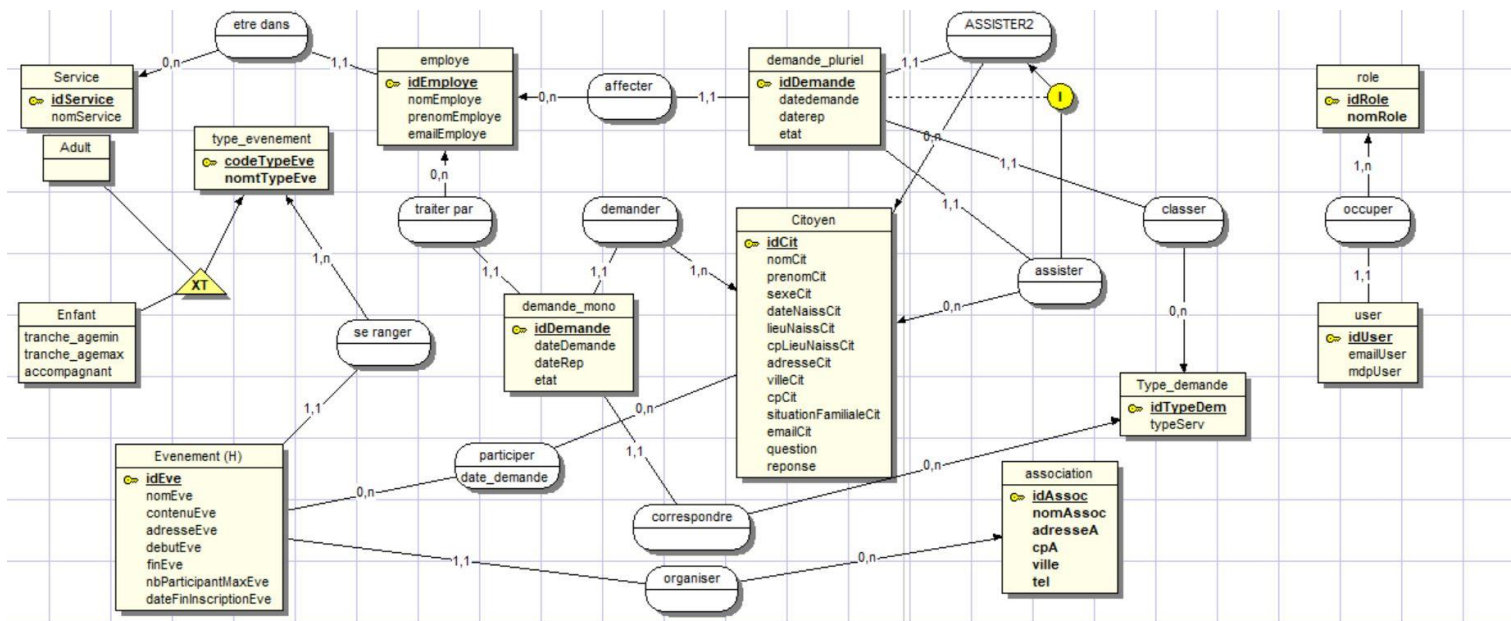
Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	idUser	6	A	No	
emailUser	BTREE	Yes	No	emailUser	6	A	No	
idRoleUser	BTREE	No	No	idRoleUser	6	A	Yes	

### v\_employe\_user

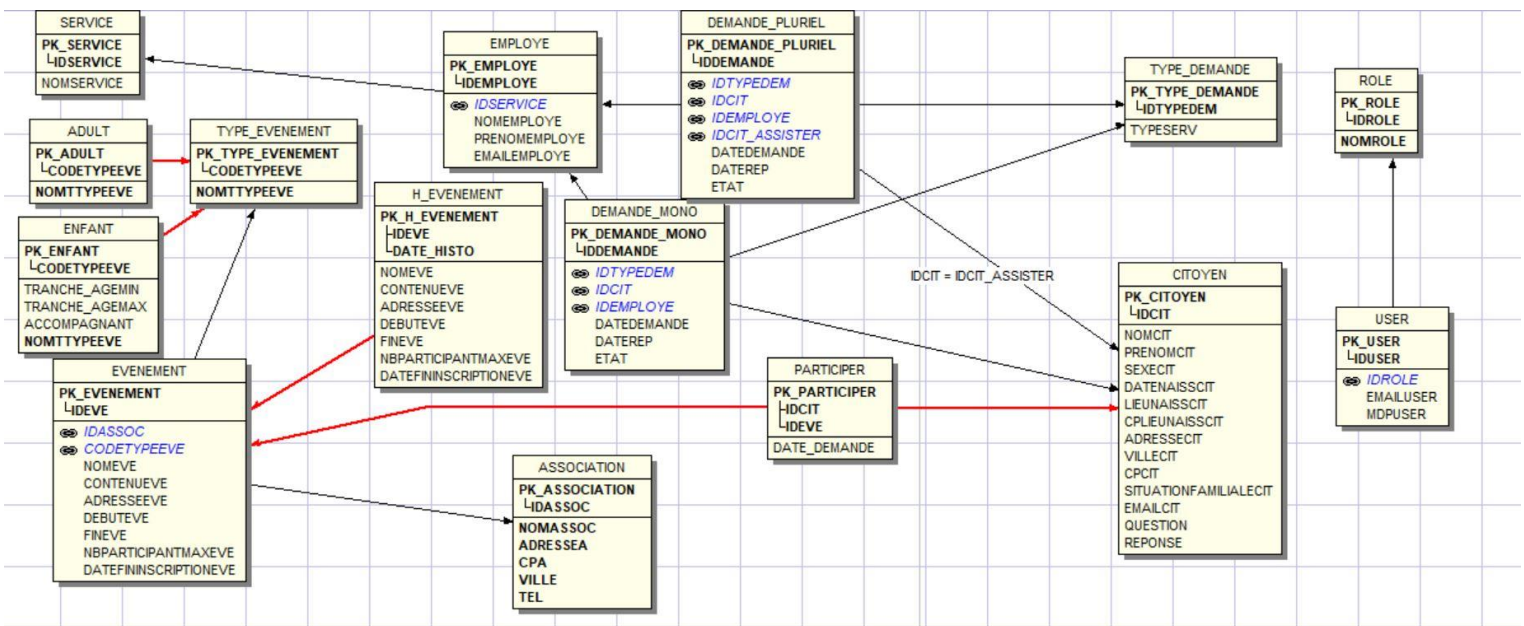
Table comments: **VIEW**

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 :

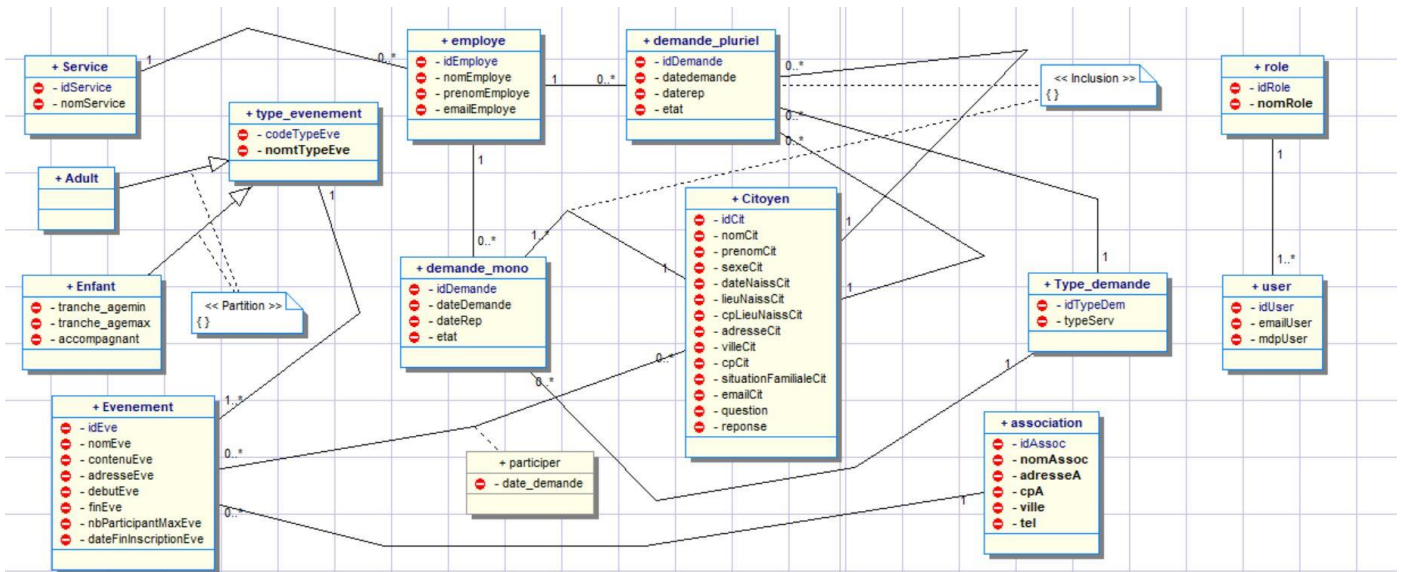


## Modèle Logique Relationnelle

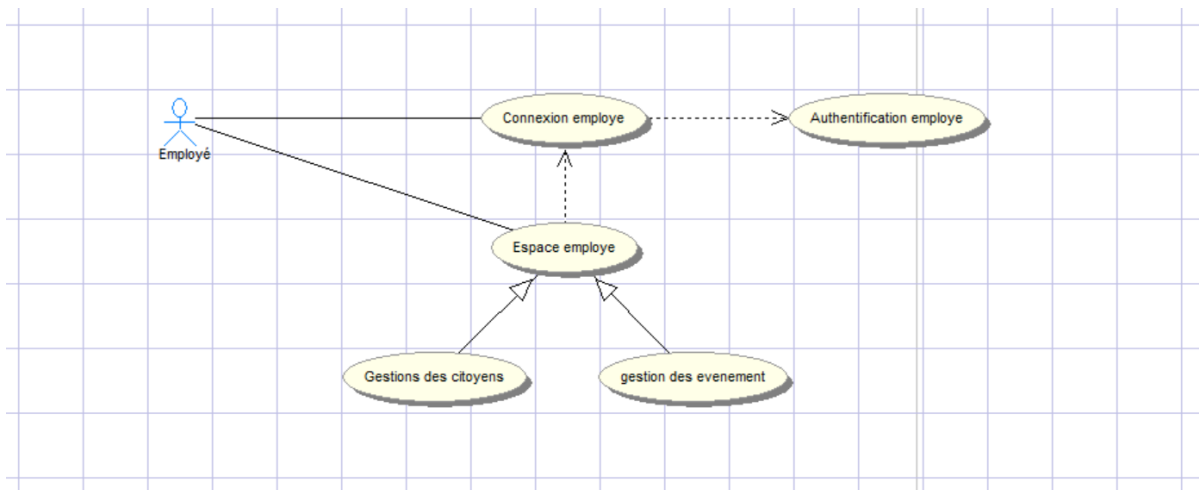
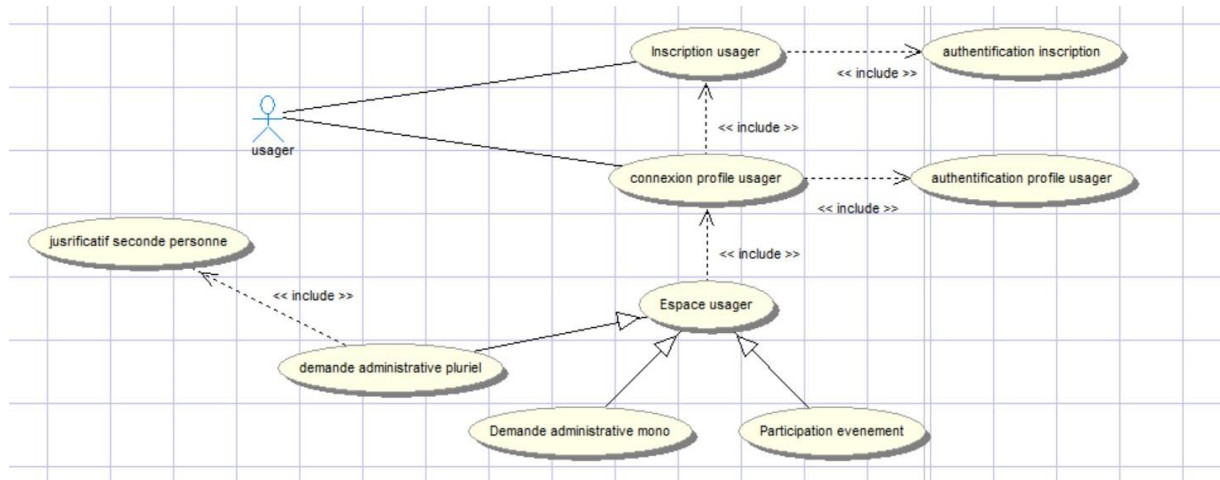


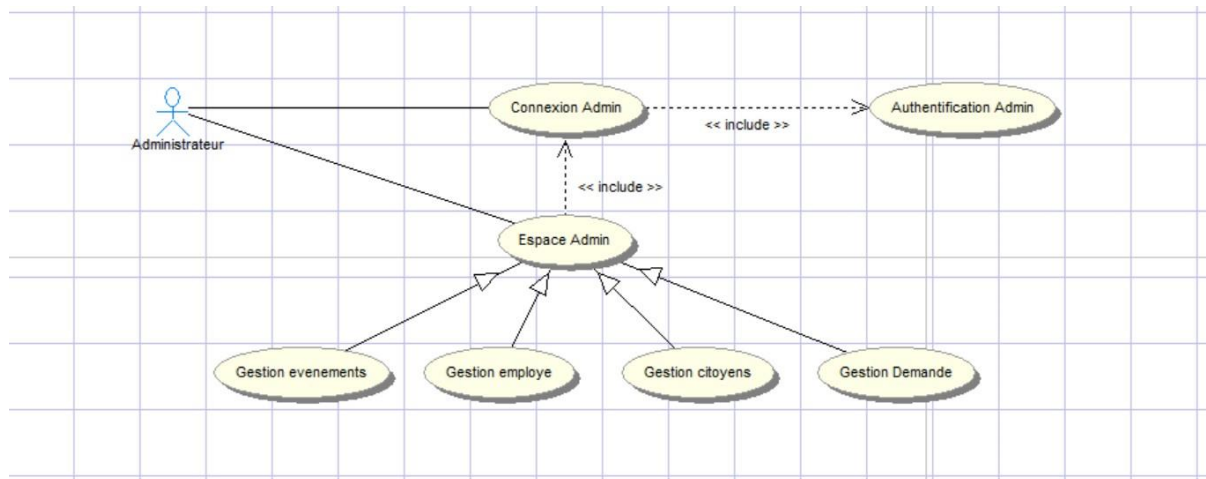


## Diagramme de classes :



## Diagramme de cas d'utilisation





Fin