

**Gestion Date**

T\_Nom\_mois is (Janvier,Fevrier,Mars,Avril,Mai,Juin,Juillet,Aout,Septembre,Novembre,Decembre);

T\_mois is record  
M : T\_nom\_mois;  
nb\_J : integer range 1..31;  
end record;

T\_tab\_mois is array (integer range 1..12) of t\_mois;

T\_date is record  
J : Integer range 1..31;  
M : T\_nom\_mois;  
Annee : integer;

**Gestion identite**

subtype T\_mot is string(1..50);

T\_NomPnom is record  
Mot : T\_mot;  
k : integer;  
end record;

T\_identite is record  
Nom,Prenom : T\_NomPnom;  
end record;

**Gestion Personnel**

T\_pers is record  
identite : T\_identite;  
Ingenieur : boolean;  
Nb\_J\_presta: integer;  
dispo : boolean;  
depart : boolean;

T\_cell\_pers;  
T\_ptr\_pers is acces T\_cell\_employe;  
T\_cell\_pers is record  
pers : T\_pers;  
suiv: T\_ptr\_pers;  
end record;

**Gestion Location**

type t\_location is record  
id : t\_ptr\_demande;  
client : t\_ptr\_client;  
duree : integer range (1..10);  
date\_d,date\_f : t\_date;  
duree\_attente : integer;  
accompagnant : T\_ptr\_pers;  
materiel : t\_ptr\_materiel;  
end record;

Type t\_cell\_location;  
type t\_ptr\_location is access t\_cell\_location;  
type t\_cell\_location is record  
val : t\_location;  
suiv : t\_ptr\_location;  
end record;

**Gestion Client**

Type T\_client is record  
client : T\_identite;  
Nb\_loc : integer;  
Facture : integer;  
Montant\_regle : natural;  
end record;

type T\_cell\_client;  
type T\_ptr\_client is access T\_cell\_client;  
t\_cell\_client is record  
val : T\_client;  
sg,sd : T\_ptr\_client;  
end record;

**Gestion Demandes**

Type T\_demande is record  
id : natural;  
Client : T\_ptr\_client;  
Duree : integer range (1..10);  
Date\_deb : T\_date;  
Accompagnement : boolean;  
ingenieur : boolean;  
materiel : T\_type\_materiel;  
end record;

Type t\_cell\_demande;  
type t\_ptr\_demande is access T\_cell\_demande;  
type t\_cell\_demande is record  
val : t\_demande;  
suiv : t\_ptr\_demande;  
end record;

type t\_file\_demande is record  
deb,fin : t\_ptr\_demande;  
end record;

**Gestion Materiel**

Type T\_type\_materiel is (Camera, Plateforme, Sono, Projecteur, Lumiere);

Type T\_materiel is record  
Type : T\_type\_materiel;  
id : natural;  
date\_service : T\_date;  
nb\_j\_utilisation : natural;  
disponible : boolean;  
suppression : T\_date;  
end record;

Type t\_cell\_materiel;  
type t\_ptr\_materiel is access t\_cell\_materiel;  
type t\_cell\_materiel is record  
val : t\_materiel  
suiv : t\_ptr\_materiel  
end record;

**Gestion Sauvegarde**

type T\_save is record  
Date : T\_date;  
Clients : t\_ptr\_client;  
personnel : t\_ptr\_pers;  
materiel : t\_ptr\_materiel;  
demandes : t\_file\_demande;  
locations : t\_ptr\_location;  
end record;

