**Role = (ID\_Role *BIGINT***, Type ***VARCHAR(191)***, Created\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**Utilisateur = (ID\_Utilisateur *BIGINT***, Nom ***VARCHAR(191)***, Email ***VARCHAR(191)***, Mot\_De\_Passe ***VARCHAR(191)***, Image *VARCHAR(191)*, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #ID\_Role***);**

**Mot\_Cle = (ID\_Mot\_Cle *BIGINT***, Designation ***VARCHAR(191)***, Created\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**Categorie = (ID\_Categorie *BIGINT***, Designation ***VARCHAR(191)***, Created\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**Document = (ID\_Document *BIGINT***, Designation ***VARCHAR(191)***, Lien ***VARCHAR(191)***, Created\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**Formateur = (ID\_Formateur *BIGINT***, Nom ***VARCHAR(191)***, Prenom *VARCHAR(191)*, telephone *INT*, Parcours *VARCHAR(3000)*, CV *VARCHAR(191)*, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #ID\_Utilisateur***);**

**Organisation = (ID\_Organisation *BIGINT***, Designation ***VARCHAR(191)***, Created\_at ***DATETIME***, Update\_at ***DATETIME****, #ID\_Utilisateur***);**

**Type\_Inscription = (ID\_Type\_Inscription *BIGINT***, Type ***VARCHAR(191)***, Created\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**Statut = (ID\_Statut *BIGINT***, Statut ***VARCHAR(191)***, Created\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**Entreprise = (ID\_Entreprise *BIGINT***, Nom ***VARCHAR(191)***, telephone *INT*, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #ID\_Utilisateur***);**

**Cursus = (ID\_Cursus *BIGINT***, Libelle ***VARCHAR(191)***, Description ***VARCHAR(1000)***, Image *VARCHAR(191)*, Volume\_Horaire ***INT***, Effectif ***INT***, Nombre\_Cours\_Total ***INT***, Nombre\_Chapitres\_Total ***INT***, Prix ***DOUBLE***, Etat ***LOGICAL***, Created\_at ***DATETIME***, Update\_at ***DATETIME****, #ID\_Categorie***);**

**Cours = (ID\_Cours *BIGINT***, Designation ***VARCHAR(191)***, Image *VARCHAR(191)*, Nombre\_Chapitres ***INT***, Prix ***DOUBLE***, Etat ***LOGICAL***, Created\_at ***DATETIME***, Update\_at ***DATETIME****, #ID\_Formateur***\*);**

**Chapitre = (ID\_Chapitre *BIGINT*, Numero\_Chapitre *INT***, Designation ***VARCHAR(191)***, Image *VARCHAR(191)*, Video ***VARCHAR(191)***, Etat ***LOGICAL***, Created\_at ***DATETIME***, Update\_at ***DATETIME****, #ID\_Cours***);**

**Section = (ID\_Section *BIGINT***, Designation ***VARCHAR(191)***, Contenu ***VARCHAR(5000)***, Image *VARCHAR(191)*, Etat ***LOGICAL***, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #(ID\_Chapitre, Numero\_Chapitre)***);**

**QCM = (ID\_QCM *BIGINT***, Designation ***VARCHAR(191)***, Nombre\_Questions ***INT***, Etat ***LOGICAL***, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #(ID\_Chapitre, Numero\_Chapitre)***);**

**Questions\_QCM = (ID\_Question\_QCM *BIGINT***, Question ***VARCHAR(1000)***, Explication *VARCHAR(5000)*, Etat ***LOGICAL***, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #ID\_QCM***);**

**Reponse\_Question\_QCM = (ID\_Reponse\_Question\_QCM *BIGINT***, Reponse ***VARCHAR(1000)***, Validation ***LOGICAL***, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #ID\_Question\_QCM***);**

**Projet = (ID\_Projet *BIGINT***, Description ***VARCHAR(5000)***, Etat ***LOGICAL***, Created\_at ***DATETIME***, Update\_at ***DATETIME****, #ID\_Cours***\****, #ID\_Formateur***);**

**Stagiaire = (ID\_Stagiaire *BIGINT***, Nom ***VARCHAR(191)***, Prenom *VARCHAR(191)*, telephone *INT*, Etat ***LOGICAL***, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #ID\_Entreprise***\****, #ID\_Type\_Inscription, #ID\_Organisation***\****, #ID\_Formateur***\****, #ID\_Utilisateur***);**

**Meeting\_En\_Ligne = (ID\_Meeting *BIGINT***, Lien ***VARCHAR(191)***, Date\_Meeting ***DATETIME***, Created\_at ***DATETIME***, Update\_at ***DATETIME****, #ID\_Statut, #ID\_Cours***\****,* ***#ID\_Utilisateur*);**

**Exercice = (ID\_Exercice *BIGINT***, Enonce ***VARCHAR(5000)***, Image *VARCHAR(191)*, Etat ***LOGICAL***, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #(ID\_Chapitre, Numero\_Chapitre)***);**

**Question\_Exercice = (ID\_Question\_Exercice *BIGINT***, Question ***VARCHAR(5000)***, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #ID\_Exercice***);**

**Question\_Correction = (ID\_Correction\_Question *BIGINT***, Reponse ***VARCHAR(5000)***, Image *VARCHAR(191)*, Created\_at ***DATETIME***, Updated\_at ***DATETIME****,* ***#ID\_Question\_Exercice*);**

**Session = (ID\_Session *BIGINT***, Date\_Debut ***DATE***, Date\_Fin ***DATE***, Etat ***LOGICAL***, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #ID\_Statut, #ID\_Formateur, #ID\_Cursus***);**

**Titre = (ID *BIGINT***, Intitulé ***VARCHAR(191)***, Date\_Obtention ***DATE***, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #ID\_Session***\****, #ID\_Stagiaire***);**

**Stage = (ID\_Stage *BIGINT***, Date\_Debut ***DATE***, Date\_Fin ***DATE***, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #ID\_Stagiaire, #ID\_Entreprise***);**

**Score\_QCM = (ID\_Score\_QCM *BIGINT***, Résultat ***INT***, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #ID\_Stagiaire, #ID\_QCM***);**

**Suivre\_Cursus = (*#ID\_Cursus, #ID\_Cours, #(ID\_Chapitre, Numero\_Chapitre), #ID\_Stagiaire***, Nombre\_Chapitre\_Lu ***INT***, Progression ***INT***, Created\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**Cursus\_Contenir\_Cours = (*#ID\_Cursus, #ID\_Cours***, Numero\_cours ***INT*);**

**Avoir\_Preference = (*#ID\_Stagiaire, #ID\_Mot\_Cle***, Created\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**Avoir\_Cours\_Mot\_Cle = (*#ID\_Cours, #ID\_Mot\_Cle***, Created\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**Avoir\_Cursus\_Mot\_Cle = (*#ID\_Cursus, #ID\_Mot\_Cle***, Created\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**Participer\_Meeting = (*#ID\_Utilisateur, #ID\_Meeting***, Validation *LOGICAL*, Created\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**Contenir\_Document\_Chapitre = (*#ID\_Document***, Created\_at ***DATETIME***, Updated\_at ***DATETIME****, #(ID\_Chapitre, Numero\_Chapitre)***);**

**Contenir\_Document\_Projet = (*#ID\_Projet, #ID\_Document***, Created\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**Faire\_Projet = (*#ID\_Projet, #ID\_Stagiaire***, Lien *VARCHAR(1000)*, Statut\_Reussite *LOGICAL*, Resultat\_Description *VARCHAR(3000)*, Created\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**Suivre\_Cours = (*#ID\_Cours, #(ID\_Chapitre, Numero\_Chapitre), #ID\_Stagiaire***, Nombre\_Chapitre\_Lu ***INT***, Progression ***INT***, Created\_at ***DATETIME***, Update\_at ***DATETIME*);**

**Lier\_Session\_Stagiaire = (*#ID\_Stagiaire, #ID\_Session***, Validation *LOGICAL*, Resultat\_Description *VARCHAR(3000)*, Etat ***LOGICAL***, Created\_\_at ***DATETIME***, Updated\_at ***DATETIME*);**

**contenir\_sessions\_projets = (*#ID\_Projet, #ID\_Session, #ID\_Statut***, date\_debut ***DATE***, date\_fin ***DATE*);**