STRUCTURE BASE DE DONNES COMPLETE

Tables (32)

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| **Nom** | **Type** | **Schéma** |
| **annees\_scolaires** |  | CREATE TABLE annees\_scolaires ( id INTEGER NOT NULL, nom VARCHAR(100) NOT NULL, date\_debut DATE NOT NULL, date\_fin DATE NOT NULL, entreprise\_id INTEGER NOT NULL, en\_cours INTEGER DEFAULT 0,  PRIMARY KEY (id), FOREIGN KEY(entreprise\_id)  REFERENCES entreprises (id) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| nom | VARCHAR(100) | "nom" VARCHAR(100) NOT NULL |
| date\_debut | DATE | "date\_debut" DATE NOT NULL |
| date\_fin | DATE | "date\_fin" DATE NOT NULL |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER NOT NULL |
| en\_cours | INTEGER | "en\_cours" INTEGER DEFAULT 0 |
| **balances\_comptables** |  | CREATE TABLE balances\_comptables ( date\_balance DATETIME NOT NULL, compte\_id INTEGER NOT NULL,  solde\_debiteur NUMERIC(15, 2), solde\_crediteur NUMERIC(15, 2), total\_debit NUMERIC(15, 2),  total\_credit NUMERIC(15, 2), exercice\_id INTEGER NOT NULL, entreprise\_id INTEGER NOT NULL, id INTEGER NOT NULL, date\_creation DATETIME NOT NULL, date\_modification DATETIME NOT NULL, PRIMARY KEY (id), FOREIGN KEY(compte\_id) REFERENCES "comptes\_comptables\_old" (id), FOREIGN KEY(exercice\_id) REFERENCES exercices\_comptables (id), FOREIGN KEY(entreprise\_id) REFERENCES  entreprises (id) ) |
| date\_balance | DATETIME | "date\_balance" DATETIME NOT NULL |
| compte\_id | INTEGER | "compte\_id" INTEGER NOT NULL |
| solde\_debiteur | NUMERIC(15, 2) | "solde\_debiteur" NUMERIC(15, 2) |
| solde\_crediteur | NUMERIC(15, 2) | "solde\_crediteur" NUMERIC(15, 2) |
| total\_debit | NUMERIC(15, 2) | "total\_debit" NUMERIC(15, 2) |
| total\_credit | NUMERIC(15, 2) | "total\_credit" NUMERIC(15, 2) |
| exercice\_id | INTEGER | "exercice\_id" INTEGER NOT NULL |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER NOT NULL |
| id | INTEGER | "id" INTEGER NOT NULL |
| date\_creation | DATETIME | "date\_creation" DATETIME NOT NULL |
| date\_modification | DATETIME | "date\_modification" DATETIME NOT NULL |
| **bulletins** |  | CREATE TABLE bulletins ( id INTEGER NOT NULL,  eleve\_id INTEGER NOT NULL, annee\_scolaire\_id INTEGER NOT NULL, moyenne\_generale DECIMAL(5, 2), rang INTEGER, fichier TEXT, PRIMARY KEY (id), FOREIGN KEY(eleve\_id) REFERENCES eleves (id), FOREIGN KEY(annee\_scolaire\_id) REFERENCES  annees\_scolaires (id) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| eleve\_id | INTEGER | "eleve\_id" INTEGER NOT NULL |
| annee\_scolaire\_id | INTEGER | "annee\_scolaire\_id" INTEGER NOT NULL |
| moyenne\_generale | DECIMAL(5, 2) | "moyenne\_generale" DECIMAL(5, 2) |
| rang | INTEGER | "rang" INTEGER |
| fichier | TEXT | "fichier" TEXT |
| **classe\_frais** |  | CREATE TABLE classe\_frais ( id INTEGER NOT NULL, frais\_id INTEGER NOT NULL, classe\_id INTEGER NOT NULL, PRIMARY KEY (id), FOREIGN KEY(frais\_id)  REFERENCES frais\_scolaires (id), FOREIGN KEY(classe\_id) REFERENCES classes (id) ) |

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| **Nom** | **Type** | **Schéma** |
| id | INTEGER | "id" INTEGER NOT NULL |
| frais\_id | INTEGER | "frais\_id" INTEGER NOT NULL |
| classe\_id | INTEGER | "classe\_id" INTEGER NOT NULL |
| **classes** |  | CREATE TABLE classes ( id INTEGER NOT NULL, nom VARCHAR(100) NOT NULL, annee\_scolaire\_id INTEGER NOT NULL, enseignant\_id INTEGER, niveau VARCHAR(50), effectif INTEGER, code varchar(3), PRIMARY KEY (id), FOREIGN KEY(annee\_scolaire\_id) REFERENCES annees\_scolaires (id), FOREIGN  KEY(enseignant\_id) REFERENCES enseignants (id) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| nom | VARCHAR(100) | "nom" VARCHAR(100) NOT NULL |
| annee\_scolaire\_id | INTEGER | "annee\_scolaire\_id" INTEGER NOT NULL |
| enseignant\_id | INTEGER | "enseignant\_id" INTEGER |
| niveau | VARCHAR(50) | "niveau" VARCHAR(50) |
| effectif | INTEGER | "effectif" INTEGER |
| code | varchar(3) | "code" varchar(3) |
| **classes\_comptables** |  | CREATE TABLE classes\_comptables ( id INTEGER PRIMARY KEY AUTOINCREMENT, code TEXT, nom TEXT,  libelle TEXT, type TEXT, entreprise\_id INTEGER, actif INTEGER, document TEXT, date\_creation DATETIME DEFAULT CURRENT\_TIMESTAMP,  date\_modification DATETIME DEFAULT  CURRENT\_TIMESTAMP ) |
| id | INTEGER | "id" INTEGER |
| code | TEXT | "code" TEXT |
| nom | TEXT | "nom" TEXT |
| libelle | TEXT | "libelle" TEXT |
| type | TEXT | "type" TEXT |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER |
| actif | INTEGER | "actif" INTEGER |
| document | TEXT | "document" TEXT |
| date\_creation | DATETIME | "date\_creation" DATETIME DEFAULT CURRENT\_TIMESTAMP |
| date\_modification | DATETIME | "date\_modification" DATETIME DEFAULT CURRENT\_TIMESTAMP |
| **comptes\_comptables** |  | CREATE TABLE "comptes\_comptables" ( id INTEGER PRIMARY KEY AUTOINCREMENT, numero VARCHAR(20) NOT NULL, nom VARCHAR(255) NOT NULL, libelle VARCHAR(255) NOT NULL, actif BOOLEAN DEFAULT 1,  classe\_comptable\_id INTEGER NOT NULL, date\_creation DATETIME, date\_modification DATETIME, -- ajoutez ici les autres colonnes si besoin -- ... FOREIGN KEY(classe\_comptable\_id)  REFERENCES "old\_classe\_comptable"(id) ) |
| id | INTEGER | "id" INTEGER |
| numero | VARCHAR(20) | "numero" VARCHAR(20) NOT NULL |
| nom | VARCHAR(255) | "nom" VARCHAR(255) NOT NULL |
| libelle | VARCHAR(255) | "libelle" VARCHAR(255) NOT NULL |
| actif | BOOLEAN | "actif" BOOLEAN DEFAULT 1 |
| classe\_comptable\_id | INTEGER | "classe\_comptable\_id" INTEGER NOT NULL |
| date\_creation | DATETIME | "date\_creation" DATETIME |
| date\_modification | DATETIME | "date\_modification" DATETIME |
| **comptes\_config** |  | CREATE TABLE comptes\_config ( id INTEGER PRIMARY KEY AUTOINCREMENT, entreprise\_id INTEGER NOT NULL, compte\_caisse\_id INTEGER NOT NULL, |

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| **Nom** | **Type** | **Schéma** |
|  |  | compte\_frais\_id INTEGER NOT NULL, compte\_client\_id INTEGER NOT NULL, date\_creation DATETIME, date\_modification DATETIME, FOREIGN KEY(compte\_caisse\_id) REFERENCES comptes\_comptables(id), FOREIGN KEY(compte\_frais\_id) REFERENCES comptes\_comptables(id), FOREIGN KEY(compte\_client\_id) REFERENCES  comptes\_comptables(id) ) |
| id | INTEGER | "id" INTEGER |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER NOT NULL |
| compte\_caisse\_id | INTEGER | "compte\_caisse\_id" INTEGER NOT NULL |
| compte\_frais\_id | INTEGER | "compte\_frais\_id" INTEGER NOT NULL |
| compte\_client\_id | INTEGER | "compte\_client\_id" INTEGER NOT NULL |
| date\_creation | DATETIME | "date\_creation" DATETIME |
| date\_modification | DATETIME | "date\_modification" DATETIME |
| **config\_ecole** |  | CREATE TABLE config\_ecole ( id INTEGER NOT NULL, entreprise\_id INTEGER NOT NULL, annee\_scolaire\_en\_cours\_id INTEGER, PRIMARY KEY (id), FOREIGN KEY(entreprise\_id) REFERENCES entreprises (id), FOREIGN KEY(annee\_scolaire\_en\_cours\_id) REFERENCES  annees\_scolaires (id) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER NOT NULL |
| annee\_scolaire\_en\_cours\_id | INTEGER | "annee\_scolaire\_en\_cours\_id" INTEGER |
| **cours** |  | CREATE TABLE cours ( id INTEGER NOT NULL, nom VARCHAR(100) NOT NULL, coefficient INTEGER,  enseignant\_id INTEGER NOT NULL, classe\_id INTEGER NOT NULL, code varchar(5), PRIMARY KEY (id), FOREIGN KEY(enseignant\_id) REFERENCES enseignants (id), FOREIGN KEY(classe\_id) REFERENCES classes  (id) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| nom | VARCHAR(100) | "nom" VARCHAR(100) NOT NULL |
| coefficient | INTEGER | "coefficient" INTEGER |
| enseignant\_id | INTEGER | "enseignant\_id" INTEGER NOT NULL |
| classe\_id | INTEGER | "classe\_id" INTEGER NOT NULL |
| code | varchar(5) | "code" varchar(5) |
| **creances** |  | CREATE TABLE creances ( id INTEGER NOT NULL,  eleve\_id INTEGER NOT NULL, frais\_scolaire\_id INTEGER NOT NULL, montant DECIMAL(15, 2) NOT  NULL, date\_echeance DATE NOT NULL, active BOOLEAN, PRIMARY KEY (id), FOREIGN KEY(eleve\_id) REFERENCES eleves (id), FOREIGN  KEY(frais\_scolaire\_id) REFERENCES frais\_scolaires  (id) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| eleve\_id | INTEGER | "eleve\_id" INTEGER NOT NULL |
| frais\_scolaire\_id | INTEGER | "frais\_scolaire\_id" INTEGER NOT NULL |
| montant | DECIMAL(15, 2) | "montant" DECIMAL(15, 2) NOT NULL |
| date\_echeance | DATE | "date\_echeance" DATE NOT NULL |
| active | BOOLEAN | "active" BOOLEAN |
| **depenses** |  | CREATE TABLE depenses ( libelle VARCHAR(255) NOT NULL, montant NUMERIC(15, 2) NOT NULL,  date\_depense DATETIME NOT NULL, entreprise\_id |

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| **Nom** | **Type** | **Schéma** |
|  |  | INTEGER NOT NULL, id INTEGER NOT NULL,  date\_creation DATETIME NOT NULL, date\_modification DATETIME NOT NULL, piece TEXT, observation TEXT, journal\_id INTEGER REFERENCES journaux\_comptables(id), user\_id INTEGER REFERENCES utilisateurs(id), PRIMARY KEY (id), FOREIGN KEY(entreprise\_id) REFERENCES entreprises  (id) ) |
| libelle | VARCHAR(255) | "libelle" VARCHAR(255) NOT NULL |
| montant | NUMERIC(15, 2) | "montant" NUMERIC(15, 2) NOT NULL |
| date\_depense | DATETIME | "date\_depense" DATETIME NOT NULL |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER NOT NULL |
| id | INTEGER | "id" INTEGER NOT NULL |
| date\_creation | DATETIME | "date\_creation" DATETIME NOT NULL |
| date\_modification | DATETIME | "date\_modification" DATETIME NOT NULL |
| piece | TEXT | "piece" TEXT |
| observation | TEXT | "observation" TEXT |
| journal\_id | INTEGER | "journal\_id" INTEGER |
| user\_id | INTEGER | "user\_id" INTEGER |
| **ecritures\_comptables** |  | CREATE TABLE ecritures\_comptables ( id INTEGER PRIMARY KEY AUTOINCREMENT, journal\_id INTEGER NOT  NULL, compte\_comptable\_id INTEGER NOT NULL, debit REAL DEFAULT 0, credit REAL DEFAULT 0, ordre INTEGER CHECK(ordre IN (1, 2)) NOT NULL, -- 1  pour débit, 2 pour crédit created\_at TEXT DEFAULT CURRENT\_TIMESTAMP, piece\_id INTEGER REFERENCES  pieces\_comptables(id), date\_creation DATETIME DEFAULT CURRENT\_TIMESTAMP, date\_modification DATETIME DEFAULT CURRENT\_TIMESTAMP, FOREIGN KEY  (journal\_id) REFERENCES journaux\_comptables(id),  FOREIGN KEY (compte\_comptable\_id) REFERENCES "comptes\_comptables\_old"(id) ) |
| id | INTEGER | "id" INTEGER |
| journal\_id | INTEGER | "journal\_id" INTEGER NOT NULL |
| compte\_comptable\_id | INTEGER | "compte\_comptable\_id" INTEGER NOT NULL |
| debit | REAL | "debit" REAL DEFAULT 0 |
| credit | REAL | "credit" REAL DEFAULT 0 |
| ordre | INTEGER | "ordre" INTEGER NOT NULL CHECK("ordre" IN (1, 2)) |
| created\_at | TEXT | "created\_at" TEXT DEFAULT CURRENT\_TIMESTAMP |
| piece\_id | INTEGER | "piece\_id" INTEGER |
| date\_creation | DATETIME | "date\_creation" DATETIME DEFAULT CURRENT\_TIMESTAMP |
| date\_modification | DATETIME | "date\_modification" DATETIME DEFAULT CURRENT\_TIMESTAMP |
| **eleves** |  | CREATE TABLE eleves ( id INTEGER NOT NULL, nom VARCHAR(100) NOT NULL, prenom VARCHAR(100) NOT  NULL, sexe VARCHAR(10), date\_naissance DATE, lieu\_naissance VARCHAR(100), numero\_permanent VARCHAR(50), classe\_id INTEGER, responsable\_id INTEGER, matricule VARCHAR(50), postnom VARCHAR(100), statut VARCHAR(30) DEFAULT 'actif',  PRIMARY KEY (id), FOREIGN KEY(classe\_id) REFERENCES classes (id), FOREIGN KEY(responsable\_id) REFERENCES "responsables\_old"  (id) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| nom | VARCHAR(100) | "nom" VARCHAR(100) NOT NULL |
| prenom | VARCHAR(100) | "prenom" VARCHAR(100) NOT NULL |

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| **Nom** | **Type** | **Schéma** |
| sexe | VARCHAR(10) | "sexe" VARCHAR(10) |
| date\_naissance | DATE | "date\_naissance" DATE |
| lieu\_naissance | VARCHAR(100) | "lieu\_naissance" VARCHAR(100) |
| numero\_permanent | VARCHAR(50) | "numero\_permanent" VARCHAR(50) |
| classe\_id | INTEGER | "classe\_id" INTEGER |
| responsable\_id | INTEGER | "responsable\_id" INTEGER |
| matricule | VARCHAR(50) | "matricule" VARCHAR(50) |
| postnom | VARCHAR(100) | "postnom" VARCHAR(100) |
| statut | VARCHAR(30) | "statut" VARCHAR(30) DEFAULT 'actif' |
| **enseignants** |  | CREATE TABLE enseignants ( id INTEGER NOT NULL, nom VARCHAR(100) NOT NULL, prenom VARCHAR(100) NOT NULL, sexe VARCHAR(10), email VARCHAR(150),  telephone VARCHAR(20), entreprise\_id INTEGER NOT NULL, matricule VARCHAR(50), niveau VARCHAR(30), discipline VARCHAR(50), PRIMARY KEY (id), FOREIGN  KEY(entreprise\_id) REFERENCES entreprises (id) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| nom | VARCHAR(100) | "nom" VARCHAR(100) NOT NULL |
| prenom | VARCHAR(100) | "prenom" VARCHAR(100) NOT NULL |
| sexe | VARCHAR(10) | "sexe" VARCHAR(10) |
| email | VARCHAR(150) | "email" VARCHAR(150) |
| telephone | VARCHAR(20) | "telephone" VARCHAR(20) |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER NOT NULL |
| matricule | VARCHAR(50) | "matricule" VARCHAR(50) |
| niveau | VARCHAR(30) | "niveau" VARCHAR(30) |
| discipline | VARCHAR(50) | "discipline" VARCHAR(50) |
| **entreprises** |  | CREATE TABLE entreprises ( nom VARCHAR(200) NOT NULL, adresse TEXT, numero\_id VARCHAR(100), devise VARCHAR(3), telephone VARCHAR(20), email VARCHAR(100), logo BLOB, date\_creation DATETIME NOT NULL, id INTEGER NOT NULL, date\_modification  DATETIME NOT NULL, PRIMARY KEY (id) ) |
| nom | VARCHAR(200) | "nom" VARCHAR(200) NOT NULL |
| adresse | TEXT | "adresse" TEXT |
| numero\_id | VARCHAR(100) | "numero\_id" VARCHAR(100) |
| devise | VARCHAR(3) | "devise" VARCHAR(3) |
| telephone | VARCHAR(20) | "telephone" VARCHAR(20) |
| email | VARCHAR(100) | "email" VARCHAR(100) |
| logo | BLOB | "logo" BLOB |
| date\_creation | DATETIME | "date\_creation" DATETIME NOT NULL |
| id | INTEGER | "id" INTEGER NOT NULL |
| date\_modification | DATETIME | "date\_modification" DATETIME NOT NULL |
| **exercices\_comptables** |  | CREATE TABLE exercices\_comptables ( libelle VARCHAR(100) NOT NULL, date\_debut DATETIME NOT  NULL, date\_fin DATETIME NOT NULL, est\_cloture BOOLEAN, date\_cloture DATETIME, entreprise\_id INTEGER NOT NULL, id INTEGER NOT NULL,  date\_creation DATETIME NOT NULL, date\_modification DATETIME NOT NULL, PRIMARY KEY (id), FOREIGN KEY(entreprise\_id) REFERENCES  entreprises (id) ) |
| libelle | VARCHAR(100) | "libelle" VARCHAR(100) NOT NULL |
| date\_debut | DATETIME | "date\_debut" DATETIME NOT NULL |

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| **Nom** | **Type** | **Schéma** |
| date\_fin | DATETIME | "date\_fin" DATETIME NOT NULL |
| est\_cloture | BOOLEAN | "est\_cloture" BOOLEAN |
| date\_cloture | DATETIME | "date\_cloture" DATETIME |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER NOT NULL |
| id | INTEGER | "id" INTEGER NOT NULL |
| date\_creation | DATETIME | "date\_creation" DATETIME NOT NULL |
| date\_modification | DATETIME | "date\_modification" DATETIME NOT NULL |
| **frais** |  | CREATE TABLE frais ( id INTEGER NOT NULL, nom VARCHAR(100) NOT NULL, montant INTEGER,  entreprise\_id INTEGER NOT NULL, code varchar(5), PRIMARY KEY (id), FOREIGN KEY(entreprise\_id)  REFERENCES entreprises (id) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| nom | VARCHAR(100) | "nom" VARCHAR(100) NOT NULL |
| montant | INTEGER | "montant" INTEGER |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER NOT NULL |
| code | varchar(5) | "code" varchar(5) |
| **frais\_classes** |  | CREATE TABLE frais\_classes ( id INTEGER PRIMARY KEY AUTOINCREMENT, frais\_id INTEGER NOT NULL,  classe\_id INTEGER NOT NULL, FOREIGN KEY(frais\_id)  REFERENCES frais\_scolaires(id), FOREIGN KEY(classe\_id) REFERENCES classes(id) ) |
| id | INTEGER | "id" INTEGER |
| frais\_id | INTEGER | "frais\_id" INTEGER NOT NULL |
| classe\_id | INTEGER | "classe\_id" INTEGER NOT NULL |
| **frais\_scolaires** |  | CREATE TABLE frais\_scolaires ( id INTEGER NOT NULL, nom VARCHAR(100) NOT NULL, montant DECIMAL(15, 2) NOT NULL, date\_limite DATE,  entreprise\_id INTEGER NOT NULL, annee\_scolaire\_id INTEGER REFERENCES annees\_scolaires(id) NOT NULL DEFAULT 1, code varchar(3), PRIMARY KEY (id), FOREIGN KEY(entreprise\_id) REFERENCES entreprises  (id) ) |
| id | INTEGER | "id" INTEGER |
| nom | VARCHAR(100) | "nom" VARCHAR(100) |
| montant | DECIMAL(15, 2) | "montant" DECIMAL(15, 2) |
| date\_limite | DATE | "date\_limite" DATE |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER |
| annee\_scolaire\_id | INTEGER | "annee\_scolaire\_id" INTEGER |
| code | varchar(3) | "code" varchar(3) |
| **journaux\_comptables** |  | CREATE TABLE journaux\_comptables ( date\_operation DATETIME NOT NULL, libelle VARCHAR(255) NOT NULL,  montant NUMERIC(15, 2) NOT NULL, type\_operation VARCHAR(20) NOT NULL, paiement\_frais\_id INTEGER, entreprise\_id INTEGER NOT NULL, created\_at DATETIME NOT NULL, id INTEGER NOT NULL,  date\_creation DATETIME NOT NULL, date\_modification DATETIME NOT NULL, PRIMARY KEY (id), FOREIGN KEY(paiement\_frais\_id) REFERENCES paiement\_frais (id), FOREIGN KEY(entreprise\_id)  REFERENCES entreprises (id) ) |
| date\_operation | DATETIME | "date\_operation" DATETIME NOT NULL |
| libelle | VARCHAR(255) | "libelle" VARCHAR(255) NOT NULL |
| montant | NUMERIC(15, 2) | "montant" NUMERIC(15, 2) NOT NULL |
| type\_operation | VARCHAR(20) | "type\_operation" VARCHAR(20) NOT NULL |

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| **Nom** | **Type** | **Schéma** |
| paiement\_frais\_id | INTEGER | "paiement\_frais\_id" INTEGER |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER NOT NULL |
| created\_at | DATETIME | "created\_at" DATETIME NOT NULL |
| id | INTEGER | "id" INTEGER NOT NULL |
| date\_creation | DATETIME | "date\_creation" DATETIME NOT NULL |
| date\_modification | DATETIME | "date\_modification" DATETIME NOT NULL |
| **licence** |  | CREATE TABLE licence ( id INTEGER NOT NULL, cle VARCHAR NOT NULL, type VARCHAR NOT NULL,  date\_activation DATETIME NOT NULL, date\_expiration DATETIME NOT NULL, signature VARCHAR NOT NULL, active BOOLEAN, PRIMARY KEY  (id), UNIQUE (cle) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| cle | VARCHAR | "cle" VARCHAR NOT NULL |
| type | VARCHAR | "type" VARCHAR NOT NULL |
| date\_activation | DATETIME | "date\_activation" DATETIME NOT NULL |
| date\_expiration | DATETIME | "date\_expiration" DATETIME NOT NULL |
| signature | VARCHAR | "signature" VARCHAR NOT NULL |
| active | BOOLEAN | "active" BOOLEAN |
| **notes\_periode** |  | CREATE TABLE notes\_periode ( id INTEGER NOT NULL, eleve\_id INTEGER NOT NULL, cours\_id INTEGER NOT NULL, periode\_id INTEGER NOT NULL, valeur DECIMAL(5, 2), PRIMARY KEY (id), FOREIGN  KEY(eleve\_id) REFERENCES eleves (id), FOREIGN KEY(cours\_id) REFERENCES cours (id), FOREIGN  KEY(periode\_id) REFERENCES periodes (id) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| eleve\_id | INTEGER | "eleve\_id" INTEGER NOT NULL |
| cours\_id | INTEGER | "cours\_id" INTEGER NOT NULL |
| periode\_id | INTEGER | "periode\_id" INTEGER NOT NULL |
| valeur | DECIMAL(5, 2) | "valeur" DECIMAL(5, 2) |
| **notifications** |  | CREATE TABLE notifications ( id INTEGER NOT NULL, titre VARCHAR(200) NOT NULL, message TEXT NOT NULL, type VARCHAR(50) NOT NULL, lu BOOLEAN,  date\_creation DATETIME, date\_lecture DATETIME, utilisateur\_id INTEGER NOT NULL, PRIMARY KEY (id), FOREIGN KEY(utilisateur\_id) REFERENCES  utilisateurs (id) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| titre | VARCHAR(200) | "titre" VARCHAR(200) NOT NULL |
| message | TEXT | "message" TEXT NOT NULL |
| type | VARCHAR(50) | "type" VARCHAR(50) NOT NULL |
| lu | BOOLEAN | "lu" BOOLEAN |
| date\_creation | DATETIME | "date\_creation" DATETIME |
| date\_lecture | DATETIME | "date\_lecture" DATETIME |
| utilisateur\_id | INTEGER | "utilisateur\_id" INTEGER NOT NULL |
| **old\_classe\_comptable** |  | CREATE TABLE "old\_classe\_comptable" ( id SERIAL PRIMARY KEY, code VARCHAR(10) NOT NULL, libelle VARCHAR(255) NOT NULL, type VARCHAR(20) NOT NULL,  -- 'actif', 'passif', 'charge', 'produit' document VARCHAR(20) NOT NULL, -- 'bilan' ou 'resultat' entreprise\_id INTEGER NOT NULL, actif BOOLEAN DEFAULT TRUE , nom VARCHAR(100) NOT NULL  DEFAULT '', date\_creation DATETIME, date\_modification DATETIME) |

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| **Nom** | **Type** | **Schéma** |
| id | SERIAL | "id" SERIAL |
| code | VARCHAR(10) | "code" VARCHAR(10) NOT NULL |
| libelle | VARCHAR(255) | "libelle" VARCHAR(255) NOT NULL |
| type | VARCHAR(20) | "type" VARCHAR(20) NOT NULL |
| document | VARCHAR(20) | "document" VARCHAR(20) NOT NULL |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER NOT NULL |
| actif | BOOLEAN | "actif" BOOLEAN DEFAULT TRUE |
| nom | VARCHAR(100) | "nom" VARCHAR(100) NOT NULL DEFAULT '' |
| date\_creation | DATETIME | "date\_creation" DATETIME |
| date\_modification | DATETIME | "date\_modification" DATETIME |
| **paiement\_frais** |  | CREATE TABLE paiement\_frais ( id INTEGER NOT NULL, eleve\_id INTEGER NOT NULL,  frais\_scolaire\_id INTEGER NOT NULL, montant\_paye DECIMAL(15, 2) NOT NULL, date\_paiement DATE NOT NULL, reste\_a\_payer DECIMAL(15, 2), statut VARCHAR(20), user\_id INTEGER, PRIMARY KEY (id),  FOREIGN KEY(eleve\_id) REFERENCES eleves (id), FOREIGN KEY(frais\_scolaire\_id) REFERENCES  frais\_scolaires (id) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| eleve\_id | INTEGER | "eleve\_id" INTEGER NOT NULL |
| frais\_scolaire\_id | INTEGER | "frais\_scolaire\_id" INTEGER NOT NULL |
| montant\_paye | DECIMAL(15, 2) | "montant\_paye" DECIMAL(15, 2) NOT NULL |
| date\_paiement | DATE | "date\_paiement" DATE NOT NULL |
| reste\_a\_payer | DECIMAL(15, 2) | "reste\_a\_payer" DECIMAL(15, 2) |
| statut | VARCHAR(20) | "statut" VARCHAR(20) |
| user\_id | INTEGER | "user\_id" INTEGER |
| **periodes** |  | CREATE TABLE periodes ( id INTEGER NOT NULL, nom VARCHAR(50) NOT NULL, semestre INTEGER NOT NULL,  poids INTEGER, date\_debut DATE, date\_fin DATE, annee\_scolaire\_id INTEGER, code varchar(3),  PRIMARY KEY (id) ) |
| id | INTEGER | "id" INTEGER NOT NULL |
| nom | VARCHAR(50) | "nom" VARCHAR(50) NOT NULL |
| semestre | INTEGER | "semestre" INTEGER NOT NULL |
| poids | INTEGER | "poids" INTEGER |
| date\_debut | DATE | "date\_debut" DATE |
| date\_fin | DATE | "date\_fin" DATE |
| annee\_scolaire\_id | INTEGER | "annee\_scolaire\_id" INTEGER |
| code | varchar(3) | "code" varchar(3) |
| **periodes\_classes** |  | CREATE TABLE periodes\_classes ( classe\_id INTEGER NOT NULL, periode\_id INTEGER NOT NULL, PRIMARY  KEY (classe\_id, periode\_id), FOREIGN KEY(classe\_id) REFERENCES classes(id) ON DELETE CASCADE, FOREIGN KEY(periode\_id) REFERENCES  periodes(id) ON DELETE CASCADE ) |
| classe\_id | INTEGER | "classe\_id" INTEGER NOT NULL |
| periode\_id | INTEGER | "periode\_id" INTEGER NOT NULL |
| **pieces\_comptables** |  | CREATE TABLE pieces\_comptables ( numero VARCHAR(50) NOT NULL, date\_piece DATETIME NOT NULL, type\_piece VARCHAR(50) NOT NULL,  montant\_total NUMERIC(15, 2) NOT NULL, tiers VARCHAR(200), reference\_externe VARCHAR(100), statut VARCHAR(20), entreprise\_id INTEGER NOT |

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| **Nom** | **Type** | **Schéma** |
|  |  | NULL, id INTEGER NOT NULL, date\_creation DATETIME NOT NULL, date\_modification DATETIME NOT NULL, PRIMARY KEY (id), FOREIGN KEY(entreprise\_id)  REFERENCES entreprises (id) ) |
| numero | VARCHAR(50) | "numero" VARCHAR(50) NOT NULL |
| date\_piece | DATETIME | "date\_piece" DATETIME NOT NULL |
| type\_piece | VARCHAR(50) | "type\_piece" VARCHAR(50) NOT NULL |
| montant\_total | NUMERIC(15, 2) | "montant\_total" NUMERIC(15, 2) NOT NULL |
| tiers | VARCHAR(200) | "tiers" VARCHAR(200) |
| reference\_externe | VARCHAR(100) | "reference\_externe" VARCHAR(100) |
| statut | VARCHAR(20) | "statut" VARCHAR(20) |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER NOT NULL |
| id | INTEGER | "id" INTEGER NOT NULL |
| date\_creation | DATETIME | "date\_creation" DATETIME NOT NULL |
| date\_modification | DATETIME | "date\_modification" DATETIME NOT NULL |
| **responsables** |  | CREATE TABLE responsables ( id INTEGER PRIMARY KEY AUTOINCREMENT, nom VARCHAR(100), telephone  VARCHAR(20), adresse TEXT , code varchar(3)) |
| id | INTEGER | "id" INTEGER |
| nom | VARCHAR(100) | "nom" VARCHAR(100) |
| telephone | VARCHAR(20) | "telephone" VARCHAR(20) |
| adresse | TEXT | "adresse" TEXT |
| code | varchar(3) | "code" varchar(3) |
| **sqlite\_sequence** |  | CREATE TABLE sqlite\_sequence(name,seq) |
| name |  | "name" |
| seq |  | "seq" |
| **utilisateurs** |  | CREATE TABLE utilisateurs ( nom VARCHAR(100) NOT NULL, prenom VARCHAR(100) NOT NULL, email VARCHAR(100) NOT NULL, mot\_de\_passe\_hash VARCHAR(255) NOT NULL, role VARCHAR(50) NOT NULL,  actif BOOLEAN, entreprise\_id INTEGER NOT NULL, id INTEGER NOT NULL, date\_creation DATETIME NOT NULL, date\_modification DATETIME NOT NULL, PRIMARY KEY (id), UNIQUE (email), FOREIGN  KEY(entreprise\_id) REFERENCES entreprises (id) ) |
| nom | VARCHAR(100) | "nom" VARCHAR(100) NOT NULL |
| prenom | VARCHAR(100) | "prenom" VARCHAR(100) NOT NULL |
| email | VARCHAR(100) | "email" VARCHAR(100) NOT NULL |
| mot\_de\_passe\_hash | VARCHAR(255) | "mot\_de\_passe\_hash" VARCHAR(255) NOT NULL |
| role | VARCHAR(50) | "role" VARCHAR(50) NOT NULL |
| actif | BOOLEAN | "actif" BOOLEAN |
| entreprise\_id | INTEGER | "entreprise\_id" INTEGER NOT NULL |
| id | INTEGER | "id" INTEGER NOT NULL |
| date\_creation | DATETIME | "date\_creation" DATETIME NOT NULL |
| date\_modification | DATETIME | "date\_modification" DATETIME NOT NULL |

Index (0)

|  |  |  |
| --- | --- | --- |
| **Nom** | **Type** | **Schéma** |

Vues (0)

|  |  |  |
| --- | --- | --- |
| **Nom** | **Type** | **Schéma** |

Déclencheurs (0)

|  |  |  |
| --- | --- | --- |
| **Nom** | **Type** | **Schéma** |