

Etudiant (id\_et, nom, prenom, email, mdp)

Exemplaire (id\_ex, id\_liv)

Emprunt (id\_ex, id\_et, date\_emp, date\_retour)

Reserv (id\_liv, id\_et, date\_res, date\_fin\_res)

Livre (id\_liv, auteur, titre)

create table ETUDIANT  
(  
 id\_et int generated as identity primary key,  
 nom varchar(50) not null,  
 prenom varchar(50) not null,  
 mdp varchar(50) not null,  
 email varchar(50) not null UNIQUE  
)  
/  
create table LIVRE  
(  
 id\_liv int generated as identity primary key,  
 auteur varchar(50) not null,  
 titre varchar(200) not null,  
 genre varchar(50) not null,  
 categorie varchar(50) not null  
)  
/  
create table EXEMPLAIRE  
(  
 id\_ex int generated as identity PRIMARY KEY,  
 id\_liv int not null,  
 foreign key (id\_liv) references LIVRE (id\_liv)  
)  
/  
create table EMPRUNT  
(  
 date\_emp date not null,  
 date\_retour date not null,  
 id\_ex int not null UNIQUE,  
 id\_et int not null,  
 foreign key (id\_et) references ETUDIANT (id\_et),  
 foreign key (id\_ex) references EXEMPLAIRE(id\_ex)  
)  
/  
create table RESERVATION  
(  
 date\_res date not null,  
 date\_fin\_res date not null,  
 id\_liv int not null UNIQUE,  
 id\_et int not null,  
 foreign key (id\_et) references ETUDIANT (id\_et),  
 foreign key (id\_liv) references LIVRE (id\_liv)  
)  
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