






jours_feries		
id		SERIAL
date		DATE NN
description		VARCHAR(255) NN

genres		
id		SERIAL
nom		VARCHAR(100) NN



etats_exemplaires		
id		SERIAL
nom		VARCHAR(50) NN



typeclients		
id		SERIAL
type		VARCHAR(50) NN
nbr_livre_max		INTEGER NN
jours_penalisation		INTEGER NN
nbr_jours_emprunt		INTEGER NN
nbr_prolongement		INTEGER NN
nbr_reservation		INTEGER NN



etats		
id		SERIAL
nom		VARCHAR(50) NN


reservation_statut		
id		BIGSERIAL
nom		VARCHAR(20) NN




livres		
id		SERIAL
titre		VARCHAR(255) NN
auteur		VARCHAR(255) NN
date_publication		DATE
editeur		VARCHAR(255)
age		INTEGER
id_genre		INTEGER




clients		
id		SERIAL
nom		VARCHAR(255) NN
age		INTEGER
date_enregistrement		DATE
fin_abonnement		DATE
actif		BOOLEAN
id_typeclient		INTEGER NN



exemplaires		
id		SERIAL
nom		VARCHAR(50) NN
id_livre		INTEGER NN
disponible		BOOLEAN




penalites		
id		SERIAL
id_client		INTEGER NN
date_debut		DATE NN
date_fin		DATE
raison		VARCHAR(255) NN




exemplaire_etat		
id		SERIAL
id_exemplaire		INTEGER NN
id_etat_exemplaire		INTEGER NN
date_attribue		TIMESTAMP


prets		
id		SERIAL
id_client		INTEGER NN
id_exemplaire		INTEGER NN
date_emprunt		DATE
date_retour_prevue		DATE
date_retour_effective		DATE

reservations		
id		BIGSERIAL
id_client		BIGINT NN
id_exemplaire		BIGINT NN
date_reservation		DATE NN
date_souhaitee		DATE NN
actif		BOOLEAN


prolongements		
id		BIGSERIAL
pret_id		BIGINT NN
date_demande		TIMESTAMP NN
actif		BOOLEAN
commentaire		TEXT


prets_etats		
id		SERIAL
id_pret		INTEGER NN
id_etat		INTEGER NN
date_etat		TIMESTAMP

reservations_etats		
id		BIGSERIAL
id_reservation		BIGINT NN
id_statut		BIGINT NN
date_statut		TIMESTAMP NN


jours_feries		
id		SERIAL
date		DATE NN
description		VARCHAR(255) NN

genres		
id		SERIAL
nom		VARCHAR(100) NN


etats_exemplaires		
id		SERIAL
nom		VARCHAR(50) NN



typeclients		
id		SERIAL
type		VARCHAR(50) NN
nbr_livre_max		INTEGER NN
jours_penalisation		INTEGER NN
nbr_jours_emprunt		INTEGER NN
nbr_prolongement		INTEGER NN
nbr_reservation		INTEGER NN



etats		
id		SERIAL
nom		VARCHAR(50) NN




reservation_statut		
id		BIGSERIAL
nom		VARCHAR(20) NN




livres		
id		SERIAL
titre		VARCHAR(255) NN
auteur		VARCHAR(255) NN
date_publication		DATE
editeur		VARCHAR(255)
age		INTEGER
id_genre		INTEGER




clients		
id		SERIAL
nom		VARCHAR(255) NN
age		INTEGER
id_typeclient		INTEGER NN
date_enregistrement		DATE
fin_abonnement		DATE
actif		BOOLEAN



exemplaires		
id		SERIAL
nom		VARCHAR(50) NN
id_livre		INTEGER NN
disponible		BOOLEAN




penalites		
id		SERIAL
id_client		INTEGER NN
date_debut		DATE NN
date_fin		DATE
raison		VARCHAR(255) NN




exemplaire_etat		
id		SERIAL
id_exemplaire		INTEGER NN
id_etat_exemplaire		INTEGER NN
date_attribue		TIMESTAMP

prets		
id		SERIAL
id_client		INTEGER NN
id_exemplaire		INTEGER NN
date_emprunt		DATE
date_retour_prevue		DATE
date_retour_effective		DATE

reservations		
id		BIGSERIAL
id_client		BIGINT NN
id_exemplaire		BIGINT NN
date_reservation		DATE NN
date_souhaitee		DATE NN
actif		BOOLEAN

prolongements		
id		BIGSERIAL
pret_id		BIGINT NN
date_demande		TIMESTAMP NN
actif		BOOLEAN
commentaire		TEXT

prets_etats		
id		SERIAL
id_pret		INTEGER NN
id_etat		INTEGER NN
date_etat		TIMESTAMP

reservations_etats		
id		BIGSERIAL
id_reservation		BIGINT NN
id_statut		BIGINT NN
date_statut		TIMESTAMP NN