

| customer | | |
|----------|-------------|----------|
| PK | id | SERIAL |
| | name | VARCHAR |
| | address | VARCHAR |
| | credit_card | CHAR(16) |
| | phone | char(25) |
| | email | VARCHAR |

| author | | |
|--------|---------|---------|
| PK | id | SERIAL |
| FK | book_id | INT |
| | name | VARCHAR |
| | bio | INT |

| transaction | | |
|-------------|------------------|------|
| PK | transaction_id | INT |
| FK | transaction_date | DATE |
| | customer_id | Type |
| | amt_total | Type |

| Transaction_book | | | |
|------------------|----------------|-----|--|
| FK | book_id | INT | |
| FK | transaction_id | INT | |

| book | | |
|------|----------------|---------|
| PK | id | SERIAL |
| FK | author_id | INT |
| | title | VARCHAR |
| | publish_date | DATE |
| | price | CHAR |
| | genre | VARCHAR |
| | stock | INT |
| | transaction_id | INT |

