

```
CREATE TABLE users (  
  id      SERIAL PRIMARY KEY,  
  name    TEXT NOT NULL UNIQUE,  
  role    TEXT NOT NULL,  
  age     INTEGER NOT NULL,  
  state   TEXT NOT NULL  
);
```

```
CREATE TABLE categories (  
  id      SERIAL PRIMARY KEY,  
  name    TEXT NOT NULL UNIQUE,  
  description TEXT  
);
```

```
CREATE TABLE products (  
  id      SERIAL PRIMARY KEY,  
  catid   INTEGER REFERENCES categories (id) ON DELETE CASCADE,  
  name    TEXT NOT NULL,  
  SKU     TEXT NOT NULL UNIQUE,  
  price   INTEGER NOT NULL  
);
```

```
CREATE TABLE purchases (  
  id      SERIAL PRIMARY KEY,  
  userid  INTEGER REFERENCES users (id) ON DELETE CASCADE,  
  prodid  INTEGER REFERENCES products (id) ON DELETE CASCADE,  
  amount  INTEGER NOT NULL,  
  price   INTEGER NOT NULL,  
  date    TEXT NOT NULL  
);
```

```
CREATE TABLE carts (  
  id      SERIAL PRIMARY KEY,  
  userid  INTEGER REFERENCES users (id) ON DELETE CASCADE,  
  prodid  INTEGER REFERENCES products (id) ON DELETE CASCADE,  
  amount  INTEGER NOT NULL,  
  price   INTEGER NOT NULL  
);
```