

## Scripts SQL de création de la base de données OC Pizza

```
CREATE SEQUENCE public.staff_id_seq;
```

```
CREATE TABLE public.staff (  
    id INTEGER NOT NULL DEFAULT nextval('public.staff_id_seq'),  
    role INTEGER NOT NULL,  
    name VARCHAR(50) NOT NULL,  
    admin BOOLEAN DEFAULT false NOT NULL,  
    CONSTRAINT staff_pk PRIMARY KEY (id)  
);
```

```
ALTER SEQUENCE public.staff_id_seq OWNED BY public.staff.id;
```

```
CREATE SEQUENCE public.ingredient_id_seq;
```

```
CREATE TABLE public.ingredient (  
    id INTEGER NOT NULL DEFAULT nextval('public.ingredient_id_seq'),  
    name VARCHAR(50) NOT NULL,  
    CONSTRAINT ingredient_pk PRIMARY KEY (id)  
);
```

```
ALTER SEQUENCE public.ingredient_id_seq OWNED BY public.ingredient.id;
```

```
CREATE SEQUENCE public.address_id_seq;
```

```
CREATE TABLE public.address (  
    id INTEGER NOT NULL DEFAULT nextval('public.address_id_seq'),  
    street VARCHAR(50),  
    zip CHAR(5) NOT NULL,  
    city VARCHAR(50) NOT NULL,  
    comment VARCHAR(255),  
    CONSTRAINT address_pk PRIMARY KEY (id)  
);
```

```
ALTER SEQUENCE public.address_id_seq OWNED BY public.address.id;
```

```
CREATE SEQUENCE public.pizzeria_id_seq;
```

```
CREATE TABLE public.pizzeria (  
    id INTEGER NOT NULL DEFAULT nextval('public.pizzeria_id_seq'),  
    name VARCHAR(100) NOT NULL,  
    address_id INTEGER NOT NULL,  
    CONSTRAINT pizzeria_pk PRIMARY KEY (id)  
);
```

```
ALTER SEQUENCE public.pizzeria_id_seq OWNED BY public.pizzeria.id;
```

```
CREATE SEQUENCE public.work_id_seq;
```

```
CREATE TABLE public.work (  
    id INTEGER NOT NULL DEFAULT nextval('public.work_id_seq'),  
    staff_id INTEGER NOT NULL,  
    pizzeria_id INTEGER NOT NULL,  
    CONSTRAINT work_pk PRIMARY KEY (id)  
);
```

```
ALTER SEQUENCE public.work_id_seq OWNED BY public.work.id;
```

```
CREATE SEQUENCE public.stock_id_seq;
```

```
CREATE TABLE public.stock (  
    id INTEGER NOT NULL DEFAULT nextval('public.stock_id_seq'),  
    pizzeria_id INTEGER NOT NULL,  
    ingredient_id INTEGER NOT NULL,  
    quantity INTEGER NOT NULL,  
    CONSTRAINT stock_pk PRIMARY KEY (id)  
);
```

```
ALTER SEQUENCE public.stock_id_seq OWNED BY public.stock.id;
```

```
CREATE SEQUENCE public.item_id_seq;
```

```
CREATE TABLE public.item (  
    id INTEGER NOT NULL DEFAULT nextval('public.item_id_seq'),  
    name VARCHAR NOT NULL,  
    CONSTRAINT item_pk PRIMARY KEY (id)  
);
```

```
ALTER SEQUENCE public.item_id_seq OWNED BY public.item.id;
```

```
CREATE SEQUENCE public.recipe_id_seq;
```

```
CREATE TABLE public.recipe (  
    id INTEGER NOT NULL DEFAULT nextval('public.recipe_id_seq'),  
    quantity INTEGER NOT NULL,  
    item_id INTEGER NOT NULL,  
    ingredient_id INTEGER NOT NULL,  
    CONSTRAINT recipe_pk PRIMARY KEY (id)  
);
```

```
ALTER SEQUENCE public.recipe_id_seq OWNED BY public.recipe.id;
```

```
CREATE SEQUENCE public.customer_id_seq;
```

```
CREATE TABLE public.customer (  
    id INTEGER NOT NULL DEFAULT nextval('public.customer_id_seq'),  
    first_name VARCHAR(50) NOT NULL,  
    last_name VARCHAR(50) NOT NULL,  
    password VARCHAR NOT NULL,  
    phone_number VARCHAR(10),  
    email VARCHAR(50) NOT NULL,  
    address_id INTEGER NOT NULL,  
    CONSTRAINT customer_pk PRIMARY KEY (id)  
);
```

```
ALTER SEQUENCE public.customer_id_seq OWNED BY public.customer.id;
```

```
CREATE SEQUENCE public.shopping_cart_id_seq;
```

```
CREATE TABLE public.shopping_cart (  
    id INTEGER NOT NULL DEFAULT nextval('public.shopping_cart_id_seq'),  
    item_id INTEGER NOT NULL,  
    customer_id INTEGER NOT NULL,  
    CONSTRAINT shopping_cart_pk PRIMARY KEY (id)  
);
```

```
ALTER SEQUENCE public.shopping_cart_id_seq OWNED BY public.shopping_cart.id;
```

```
CREATE SEQUENCE public.order_1_id_seq;
```

```
CREATE TABLE public.order_1 (  
    id INTEGER NOT NULL DEFAULT nextval('public.order_1_id_seq'),  
    pizzeria_id INTEGER NOT NULL,  
    time_order TIMESTAMP NOT NULL,  
    state VARCHAR NOT NULL,  
    payment_mode VARCHAR NOT NULL,  
    delivery BOOLEAN DEFAULT false NOT NULL,  
    payment_done BOOLEAN DEFAULT false NOT NULL,  
    to_deliver BOOLEAN DEFAULT false NOT NULL,  
    shopping_cart_id INTEGER NOT NULL,  
    CONSTRAINT order_1_pk PRIMARY KEY (id)  
);
```

```
ALTER SEQUENCE public.order_1_id_seq OWNED BY public.order_1.id;
```

```
ALTER TABLE public.work ADD CONSTRAINT staff_work_fk  
FOREIGN KEY (staff_id)  
REFERENCES public.staff (id)  
ON DELETE NO ACTION  
ON UPDATE NO ACTION  
NOT DEFERRABLE;
```

```
ALTER TABLE public.stock ADD CONSTRAINT ingredient__assoc__stock_fk  
FOREIGN KEY (ingredient_id)  
REFERENCES public.ingredient (id)  
ON DELETE NO ACTION
```

ON UPDATE NO ACTION  
NOT DEFERRABLE;

ALTER TABLE public.recipe ADD CONSTRAINT ingredient\_\_assoc\_\_recipe\_fk  
FOREIGN KEY (ingredient\_id)  
REFERENCES public.ingredient (id)  
ON DELETE NO ACTION  
ON UPDATE NO ACTION  
NOT DEFERRABLE;

ALTER TABLE public.customer ADD CONSTRAINT address\_customer\_fk  
FOREIGN KEY (address\_id)  
REFERENCES public.address (id)  
ON DELETE NO ACTION  
ON UPDATE NO ACTION  
NOT DEFERRABLE;

ALTER TABLE public.pizzeria ADD CONSTRAINT address\_pizzeria\_fk  
FOREIGN KEY (address\_id)  
REFERENCES public.address (id)  
ON DELETE NO ACTION  
ON UPDATE NO ACTION  
NOT DEFERRABLE;

ALTER TABLE public.order\_1 ADD CONSTRAINT pizzeria\_order\_fk  
FOREIGN KEY (pizzeria\_id)  
REFERENCES public.pizzeria (id)  
ON DELETE NO ACTION  
ON UPDATE NO ACTION  
NOT DEFERRABLE;

ALTER TABLE public.stock ADD CONSTRAINT pizzeria\_\_assoc\_\_stock\_fk  
FOREIGN KEY (pizzeria\_id)  
REFERENCES public.pizzeria (id)  
ON DELETE NO ACTION  
ON UPDATE NO ACTION  
NOT DEFERRABLE;

ALTER TABLE public.work ADD CONSTRAINT pizzeria\_work\_fk  
FOREIGN KEY (pizzeria\_id)

```
REFERENCES public.pizzeria (id)
ON DELETE NO ACTION
ON UPDATE NO ACTION
NOT DEFERRABLE;
```

```
ALTER TABLE public.shopping_cart ADD CONSTRAINT item_shopping_cart_fk
FOREIGN KEY (item_id)
REFERENCES public.item (id)
ON DELETE NO ACTION
ON UPDATE NO ACTION
NOT DEFERRABLE;
```

```
ALTER TABLE public.recipe ADD CONSTRAINT item__assoc__recipe_fk
FOREIGN KEY (item_id)
REFERENCES public.item (id)
ON DELETE NO ACTION
ON UPDATE NO ACTION
NOT DEFERRABLE;
```

```
ALTER TABLE public.shopping_cart ADD CONSTRAINT customer_shopping_cart_fk
FOREIGN KEY (customer_id)
REFERENCES public.customer (id)
ON DELETE NO ACTION
ON UPDATE NO ACTION
NOT DEFERRABLE;
```

```
ALTER TABLE public.order_1 ADD CONSTRAINT shopping_cart_order_1_fk
FOREIGN KEY (shopping_cart_id)
REFERENCES public.shopping_cart (id)
ON DELETE NO ACTION
ON UPDATE NO ACTION
NOT DEFERRABLE;
```