Отчет

по лабораторной работе №3 «Создание таблиц базы данных PostgreSQL. Заполнение таблиц рабочими данными»

по дисциплине **«Проектирование и реализация баз данных»**

Автор: Бархатова Н.А.

Факультет: ИКТ

Группа: К3239

Преподаватель: Говорова М.М.

ИТМО

Санкт-Петербург 2023

Оглавление

Цель работы

Овладеть практическими навыками создания таблиц базы данных PostgreSQL 1X, заполнения их рабочими данными, резервного копирования и восстановления БД.
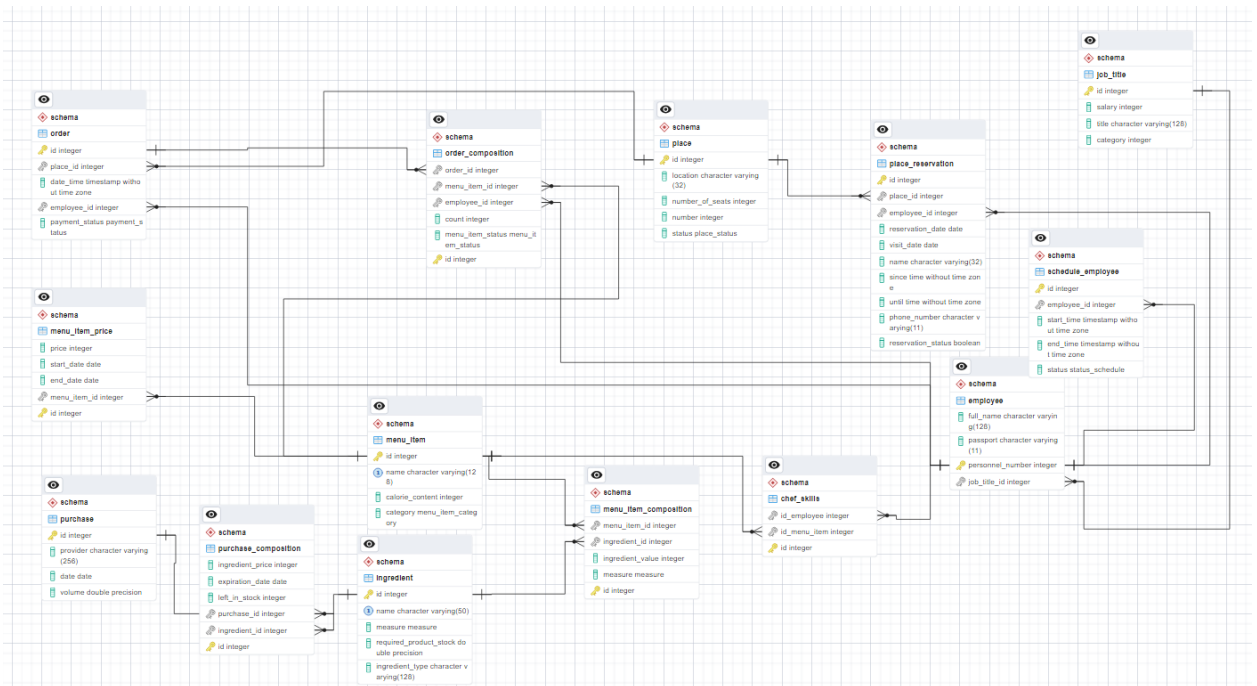
Практическое задание

1. Создать базу данных с использованием pgAdmin 4 (согласно индивидуальному заданию).
2. Создать схему в составе базы данных.
3. Создать таблицы базы данных.
4. Установить ограничения на данные: Primary Key, Unique, Check, Foreign Key.
5. Заполнить таблицы БД рабочими данными.
6. Создать резервную копию БД.
7. Восстановить БД.

Выполнение

Вариант 13. БД «Ресторан».

Схема логической модели базы данных, сгенерированная в Generate ERD:

Dump-file в приложении А

Вывод

В ходе выполнения лабораторной работы была создана база данных PostgreSQL с использованием pgAdmin 4 в соответствии с индивидуальным заданием вариант 13,

"Ресторан". Была создана схема в составе базы данных, а также таблицы базы данных. На данные были установлены ограничения: Primary Key, Unique, Check, Foreign Key. Таблицы были заполнены рабочими данными. Для обеспечения безопасности данных была создана резервная копия с расширением CUSTOM для восстановления БД. В результате выполнения лабораторной работы были успешно освоены практические навыки создания таблиц базы данных PostgreSQL, их заполнения рабочими данными, а также резервного копирования и восстановления БД.

Приложение А.

```sql
--
-- PostgreSQL database dump
--

-- Dumped from database version 16.0
-- Dumped by pg_dump version 16.0

-- Started on 2023-11-13 18:02:54

SET statement_timeout = 0;
SET lock_timeout = 0;
SET idle_in_transaction_session_timeout = 0;
SET client_encoding = 'UTF8';
SET standard_conforming_strings = on;
SELECT pg_catalog.set_config('search_path', '', false);
SET check_function_bodies = false;
SET xmloption = content;
SET client_min_messages = warning;
SET row_security = off;

--
-- TOC entry 6 (class 2615 OID 32769)
-- Name: schema; Type: SCHEMA; Schema: -; Owner: postgres
--

CREATE SCHEMA schema;


ALTER SCHEMA schema OWNER TO postgres;

--
-- TOC entry 868 (class 1247 OID 49188)
-- Name: measure; Type: DOMAIN; Schema: public; Owner: postgres
--

CREATE DOMAIN public.measure AS character varying(10)
    CONSTRAINT measure_check CHECK (((VALUE)::text = ANY ((ARRAY['kg'::character
varying, 'l'::character varying])::text[])));


ALTER DOMAIN public.measure OWNER TO postgres;

--
-- TOC entry 920 (class 1247 OID 114710)
-- Name: menu_item_category; Type: TYPE; Schema: public; Owner: postgres
--

CREATE TYPE public.menu_item_category AS ENUM (
    'Закуска',
```

5

```
    'Основное блюдо',
    'Десерт',
    'Напиток',
    'Суп',
    'Гарнир',
    'Салат',
    'Завтрак'
);


ALTER TYPE public.menu_item_category OWNER TO postgres;

--
-- TOC entry 913 (class 1247 OID 82074)
-- Name: menu_item_status; Type: DOMAIN; Schema: public; Owner: postgres
--

CREATE DOMAIN public.menu_item_status AS character varying(32)
    CONSTRAINT menu_item_status_check CHECK (((VALUE)::text = ANY
((ARRAY['Served'::character varying, 'Cancelled'::character varying, 'In
progress'::character varying])::text[])));


ALTER DOMAIN public.menu_item_status OWNER TO postgres;

--
-- TOC entry 906 (class 1247 OID 82021)
-- Name: payment_status; Type: DOMAIN; Schema: public; Owner: postgres
--

CREATE DOMAIN public.payment_status AS character varying(32)
    CONSTRAINT payment_status_check CHECK (((VALUE)::text = ANY
((ARRAY['Paid'::character varying, 'Unpaid'::character varying,
'Cancelled'::character varying])::text[])));


ALTER DOMAIN public.payment_status OWNER TO postgres;

--
-- TOC entry 896 (class 1247 OID 81962)
-- Name: place_status; Type: DOMAIN; Schema: public; Owner: postgres
--

CREATE DOMAIN public.place_status AS character varying(32)
    CONSTRAINT place_status_check CHECK (((VALUE)::text = ANY
((ARRAY['Reserved'::character varying, 'Occupied'::character varying,
'Available'::character varying])::text[])));


ALTER DOMAIN public.place_status OWNER TO postgres;
```

```sql
--
-- TOC entry 926 (class 1247 OID 114742)
-- Name: status_schedule; Type: TYPE; Schema: public; Owner: postgres
--

CREATE TYPE public.status_schedule AS ENUM (
    'В отпуске',
    'Не вышел',
    'Больничный',
    'Вышел'
);


ALTER TYPE public.status_schedule OWNER TO postgres;

SET default_tablespace = '';

SET default_table_access_method = heap;

--
-- TOC entry 221 (class 1259 OID 57346)
-- Name: menu_item; Type: TABLE; Schema: schema; Owner: postgres
--

CREATE TABLE schema.menu_item (
    id integer NOT NULL,
    name character varying(128) DEFAULT ''::character varying NOT NULL,
    calorie_content integer DEFAULT 0 NOT NULL,
    category public.menu_item_category DEFAULT 'Основное
блюдо'::public.menu_item_category NOT NULL
);


ALTER TABLE schema.menu_item OWNER TO postgres;

--
-- TOC entry 220 (class 1259 OID 57345)
-- Name:  menu_item_id_seq; Type: SEQUENCE; Schema: schema; Owner: postgres
--

CREATE SEQUENCE schema." menu_item_id_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER SEQUENCE schema." menu_item_id_seq" OWNER TO postgres;
```

```
--
-- TOC entry 5074 (class 0 OID 0)
-- Dependencies: 220
-- Name:  menu_item_id_seq; Type: SEQUENCE OWNED BY; Schema: schema; Owner:
postgres
--

ALTER SEQUENCE schema." menu_item_id_seq" OWNED BY schema.menu_item.id;


--
-- TOC entry 227 (class 1259 OID 81927)
-- Name: chef_skills; Type: TABLE; Schema: schema; Owner: postgres
--

CREATE TABLE schema.chef_skills (
    id_employee integer NOT NULL,
    id_menu_item integer NOT NULL,
    id integer DEFAULT 0 NOT NULL
);


ALTER TABLE schema.chef_skills OWNER TO postgres;


--
-- TOC entry 226 (class 1259 OID 65615)
-- Name: employee; Type: TABLE; Schema: schema; Owner: postgres
--

CREATE TABLE schema.employee (
    full_name character varying(128) DEFAULT ''::character varying NOT NULL,
    passport character varying(11) DEFAULT '0000 000000'::character varying NOT
NULL,
    personnel_number integer NOT NULL,
    job_title_id integer NOT NULL,
    CONSTRAINT chk_passport CHECK (((passport)::text ~ '^\d{4} \d{6}$'::text))
);


ALTER TABLE schema.employee OWNER TO postgres;


--
-- TOC entry 225 (class 1259 OID 65614)
-- Name: employee_personnel_number_seq; Type: SEQUENCE; Schema: schema; Owner:
postgres
--

CREATE SEQUENCE schema.employee_personnel_number_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
```

```sql
        NO MINVALUE
        NO MAXVALUE
        CACHE 1;


ALTER SEQUENCE schema.employee_personnel_number_seq OWNER TO postgres;

--
-- TOC entry 5075 (class 0 OID 0)
-- Dependencies: 225
-- Name: employee_personnel_number_seq; Type: SEQUENCE OWNED BY; Schema: schema;
Owner: postgres
--

ALTER SEQUENCE schema.employee_personnel_number_seq OWNED BY
schema.employee.personnel_number;



--
-- TOC entry 219 (class 1259 OID 49202)
-- Name: ingredient; Type: TABLE; Schema: schema; Owner: postgres
--

CREATE TABLE schema.ingredient (
    id integer NOT NULL,
    name character varying(50) DEFAULT ''::character varying NOT NULL,
    measure public.measure NOT NULL,
    required_product_stock double precision DEFAULT 0 NOT NULL,
    ingredient_type character varying(128) DEFAULT ''::character varying NOT NULL
);


ALTER TABLE schema.ingredient OWNER TO postgres;

--
-- TOC entry 218 (class 1259 OID 49201)
-- Name: ingredient_id_seq; Type: SEQUENCE; Schema: schema; Owner: postgres
--

CREATE SEQUENCE schema.ingredient_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;



ALTER SEQUENCE schema.ingredient_id_seq OWNER TO postgres;

--
```

```sql
-- TOC entry 5076 (class 0 OID 0)
-- Dependencies: 218
-- Name: ingredient_id_seq; Type: SEQUENCE OWNED BY; Schema: schema; Owner:
postgres
--

ALTER SEQUENCE schema.ingredient_id_seq OWNED BY schema.ingredient.id;



--
-- TOC entry 224 (class 1259 OID 65580)
-- Name: job_title; Type: TABLE; Schema: schema; Owner: postgres
--

CREATE TABLE schema.job_title (
    id integer NOT NULL,
    salary integer DEFAULT 13890 NOT NULL,
    title character varying(128) DEFAULT ''::character varying NOT NULL,
    category integer DEFAULT 0 NOT NULL
);


ALTER TABLE schema.job_title OWNER TO postgres;

--
-- TOC entry 223 (class 1259 OID 65579)
-- Name: job_title_id_seq; Type: SEQUENCE; Schema: schema; Owner: postgres
--

CREATE SEQUENCE schema.job_title_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER SEQUENCE schema.job_title_id_seq OWNER TO postgres;

--
-- TOC entry 5077 (class 0 OID 0)
-- Dependencies: 223
-- Name: job_title_id_seq; Type: SEQUENCE OWNED BY; Schema: schema; Owner:
postgres
--

ALTER SEQUENCE schema.job_title_id_seq OWNED BY schema.job_title.id;


--
```

```
-- TOC entry 222 (class 1259 OID 65543)
-- Name: menu_item_composition; Type: TABLE; Schema: schema; Owner: postgres
--

CREATE TABLE schema.menu_item_composition (
    menu_item_id integer NOT NULL,
    ingredient_id integer NOT NULL,
    ingredient_value integer NOT NULL,
    measure public.measure NOT NULL,
    id integer NOT NULL
);


ALTER TABLE schema.menu_item_composition OWNER TO postgres;


--
-- TOC entry 238 (class 1259 OID 114695)
-- Name: menu_item_composition_id_seq; Type: SEQUENCE; Schema: schema; Owner:
postgres
--

CREATE SEQUENCE schema.menu_item_composition_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER SEQUENCE schema.menu_item_composition_id_seq OWNER TO postgres;


--
-- TOC entry 5078 (class 0 OID 0)
-- Dependencies: 238
-- Name: menu_item_composition_id_seq; Type: SEQUENCE OWNED BY; Schema: schema;
Owner: postgres
--

ALTER SEQUENCE schema.menu_item_composition_id_seq OWNED BY
schema.menu_item_composition.id;


--
-- TOC entry 228 (class 1259 OID 81944)
-- Name: menu_item_price; Type: TABLE; Schema: schema; Owner: postgres
--

CREATE TABLE schema.menu_item_price (
    price integer DEFAULT 0 NOT NULL,
    start_date date DEFAULT '2023-01-01'::date NOT NULL,
```

```sql
    end_date date DEFAULT CURRENT_DATE NOT NULL,
    menu_item_id integer NOT NULL,
    id integer DEFAULT 0 NOT NULL
);


ALTER TABLE schema.menu_item_price OWNER TO postgres;

--
-- TOC entry 234 (class 1259 OID 82005)
-- Name: order; Type: TABLE; Schema: schema; Owner: postgres
--

CREATE TABLE schema."order" (
    id integer NOT NULL,
    place_id integer NOT NULL,
    date_time timestamp without time zone DEFAULT CURRENT_TIMESTAMP NOT NULL,
    employee_id integer NOT NULL,
    payment_status public.payment_status DEFAULT 'Unpaid'::character varying NOT
NULL
);


ALTER TABLE schema."order" OWNER TO postgres;

--
-- TOC entry 235 (class 1259 OID 82051)
-- Name: order_composition; Type: TABLE; Schema: schema; Owner: postgres
--

CREATE TABLE schema.order_composition (
    order_id integer NOT NULL,
    menu_item_id integer NOT NULL,
    employee_id integer NOT NULL,
    count integer DEFAULT 1 NOT NULL,
    menu_item_status public.menu_item_status DEFAULT 'In progress'::character
varying NOT NULL,
    id integer DEFAULT 0 NOT NULL
);


ALTER TABLE schema.order_composition OWNER TO postgres;

--
-- TOC entry 233 (class 1259 OID 82004)
-- Name: order_id_seq; Type: SEQUENCE; Schema: schema; Owner: postgres
--

CREATE SEQUENCE schema.order_id_seq
    AS integer
    START WITH 1
```

```sql
        INCREMENT BY 1
        NO MINVALUE
        NO MAXVALUE
        CACHE 1;


ALTER SEQUENCE schema.order_id_seq OWNER TO postgres;


--
-- TOC entry 5079 (class 0 OID 0)
-- Dependencies: 233
-- Name: order_id_seq; Type: SEQUENCE OWNED BY; Schema: schema; Owner: postgres
--

ALTER SEQUENCE schema.order_id_seq OWNED BY schema."order".id;



--
-- TOC entry 230 (class 1259 OID 81954)
-- Name: place; Type: TABLE; Schema: schema; Owner: postgres
--

CREATE TABLE schema.place (
    id integer NOT NULL,
    location character varying(32) DEFAULT ''::character varying NOT NULL,
    number_of_seats integer NOT NULL,
    number integer NOT NULL,
    status public.place_status DEFAULT 'Available'::character varying NOT NULL
);


ALTER TABLE schema.place OWNER TO postgres;


--
-- TOC entry 229 (class 1259 OID 81953)
-- Name: place_id_seq; Type: SEQUENCE; Schema: schema; Owner: postgres
--

CREATE SEQUENCE schema.place_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER SEQUENCE schema.place_id_seq OWNER TO postgres;


--
-- TOC entry 5080 (class 0 OID 0)
```

13

```sql
-- Dependencies: 229
-- Name: place_id_seq; Type: SEQUENCE OWNED BY; Schema: schema; Owner: postgres
--

ALTER SEQUENCE schema.place_id_seq OWNED BY schema.place.id;


--
-- TOC entry 232 (class 1259 OID 81976)
-- Name: place_reservation; Type: TABLE; Schema: schema; Owner: postgres
--

CREATE TABLE schema.place_reservation (
    id integer NOT NULL,
    place_id integer NOT NULL,
    employee_id integer NOT NULL,
    reservation_date date DEFAULT CURRENT_DATE NOT NULL,
    visit_date date DEFAULT CURRENT_DATE NOT NULL,
    name character varying(32) DEFAULT ''::character varying NOT NULL,
    since time without time zone DEFAULT '12:00:00'::time without time zone NOT NULL,
    until time without time zone DEFAULT '23:00:00'::time without time zone NOT NULL,
    phone_number character varying(11) DEFAULT ''::character varying NOT NULL,
    reservation_status boolean DEFAULT true NOT NULL
);


ALTER TABLE schema.place_reservation OWNER TO postgres;

--
-- TOC entry 231 (class 1259 OID 81975)
-- Name: place_reservation_id_seq; Type: SEQUENCE; Schema: schema; Owner: postgres
--

CREATE SEQUENCE schema.place_reservation_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER SEQUENCE schema.place_reservation_id_seq OWNER TO postgres;

--
-- TOC entry 5081 (class 0 OID 0)
-- Dependencies: 231
```

```
--
-- Name: place_reservation_id_seq; Type: SEQUENCE OWNED BY; Schema: schema;
Owner: postgres
--

ALTER SEQUENCE schema.place_reservation_id_seq OWNED BY
schema.place_reservation.id;


--
-- TOC entry 237 (class 1259 OID 98312)
-- Name: purchase; Type: TABLE; Schema: schema; Owner: postgres
--

CREATE TABLE schema.purchase (
    id integer NOT NULL,
    provider character varying(256) DEFAULT ''::character varying NOT NULL,
    date date DEFAULT CURRENT_DATE NOT NULL,
    volume double precision DEFAULT 0 NOT NULL,
    CONSTRAINT chk_date CHECK ((date > '2023-01-01'::date)),
    CONSTRAINT chk_volume CHECK ((volume > (0)::double precision))
);


ALTER TABLE schema.purchase OWNER TO postgres;

--
-- TOC entry 216 (class 1259 OID 41009)
-- Name: purchase_composition; Type: TABLE; Schema: schema; Owner: postgres
--

CREATE TABLE schema.purchase_composition (
    ingredient_price integer DEFAULT 0 NOT NULL,
    expiration_date date DEFAULT CURRENT_DATE NOT NULL,
    left_in_stock integer DEFAULT 0 NOT NULL,
    purchase_id integer NOT NULL,
    ingredient_id integer NOT NULL,
    id integer DEFAULT 0 NOT NULL,
    CONSTRAINT chk_expiration_date CHECK ((expiration_date > '2023-01-
01'::date)),
    CONSTRAINT chk_price CHECK ((ingredient_price > 0))
);


ALTER TABLE schema.purchase_composition OWNER TO postgres;

--
-- TOC entry 217 (class 1259 OID 49152)
-- Name: purchase_composition_purchase_id_seq; Type: SEQUENCE; Schema: schema;
Owner: postgres
--
```

```sql
CREATE SEQUENCE schema.purchase_composition_purchase_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER SEQUENCE schema.purchase_composition_purchase_id_seq OWNER TO postgres;

--
-- TOC entry 5082 (class 0 OID 0)
-- Dependencies: 217
-- Name: purchase_composition_purchase_id_seq; Type: SEQUENCE OWNED BY; Schema:
schema; Owner: postgres
--

ALTER SEQUENCE schema.purchase_composition_purchase_id_seq OWNED BY
schema.purchase_composition.purchase_id;



--
-- TOC entry 236 (class 1259 OID 98311)
-- Name: purchase_id_seq; Type: SEQUENCE; Schema: schema; Owner: postgres
--

CREATE SEQUENCE schema.purchase_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER SEQUENCE schema.purchase_id_seq OWNER TO postgres;

--
-- TOC entry 5083 (class 0 OID 0)
-- Dependencies: 236
-- Name: purchase_id_seq; Type: SEQUENCE OWNED BY; Schema: schema; Owner:
postgres
--

ALTER SEQUENCE schema.purchase_id_seq OWNED BY schema.purchase.id;



--
-- TOC entry 240 (class 1259 OID 114737)
-- Name: schedule_employee; Type: TABLE; Schema: schema; Owner: postgres
```

```
--

CREATE TABLE schema.schedule_employee (
    id integer NOT NULL,
    employee_id integer NOT NULL,
    start_time timestamp without time zone NOT NULL,
    end_time timestamp without time zone NOT NULL,
    status public.status_schedule
);


ALTER TABLE schema.schedule_employee OWNER TO postgres;

--
-- TOC entry 239 (class 1259 OID 114736)
-- Name: schedule_employee_id_seq; Type: SEQUENCE; Schema: schema; Owner:
postgres
--

CREATE SEQUENCE schema.schedule_employee_id_seq
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER SEQUENCE schema.schedule_employee_id_seq OWNER TO postgres;

--
-- TOC entry 5084 (class 0 OID 0)
-- Dependencies: 239
-- Name: schedule_employee_id_seq; Type: SEQUENCE OWNED BY; Schema: schema;
Owner: postgres
--

ALTER SEQUENCE schema.schedule_employee_id_seq OWNED BY
schema.schedule_employee.id;



--
-- TOC entry 4793 (class 2604 OID 65620)
-- Name: employee personnel_number; Type: DEFAULT; Schema: schema; Owner:
postgres
--

ALTER TABLE ONLY schema.employee ALTER COLUMN personnel_number SET DEFAULT
nextval('schema.employee_personnel_number_seq'::regclass);
```

```
--
-- TOC entry 4778 (class 2604 OID 49205)
-- Name: ingredient id; Type: DEFAULT; Schema: schema; Owner: postgres
--

ALTER TABLE ONLY schema.ingredient ALTER COLUMN id SET DEFAULT
nextval('schema.ingredient_id_seq'::regclass);


--
-- TOC entry 4787 (class 2604 OID 65583)
-- Name: job_title id; Type: DEFAULT; Schema: schema; Owner: postgres
--

ALTER TABLE ONLY schema.job_title ALTER COLUMN id SET DEFAULT
nextval('schema.job_title_id_seq'::regclass);


--
-- TOC entry 4782 (class 2604 OID 57349)
-- Name: menu_item id; Type: DEFAULT; Schema: schema; Owner: postgres
--

ALTER TABLE ONLY schema.menu_item ALTER COLUMN id SET DEFAULT nextval('schema."
menu_item_id_seq"'::regclass);


--
-- TOC entry 4786 (class 2604 OID 114696)
-- Name: menu_item_composition id; Type: DEFAULT; Schema: schema; Owner: postgres
--

ALTER TABLE ONLY schema.menu_item_composition ALTER COLUMN id SET DEFAULT
nextval('schema.menu_item_composition_id_seq'::regclass);


--
-- TOC entry 4810 (class 2604 OID 82008)
-- Name: order id; Type: DEFAULT; Schema: schema; Owner: postgres
--

ALTER TABLE ONLY schema."order" ALTER COLUMN id SET DEFAULT
nextval('schema.order_id_seq'::regclass);


--
-- TOC entry 4799 (class 2604 OID 81957)
-- Name: place id; Type: DEFAULT; Schema: schema; Owner: postgres
--
```

```
ALTER TABLE ONLY schema.place ALTER COLUMN id SET DEFAULT
nextval('schema.place_id_seq'::regclass);


--
-- TOC entry 4802 (class 2604 OID 81979)
-- Name: place_reservation id; Type: DEFAULT; Schema: schema; Owner: postgres
--

ALTER TABLE ONLY schema.place_reservation ALTER COLUMN id SET DEFAULT
nextval('schema.place_reservation_id_seq'::regclass);


--
-- TOC entry 4816 (class 2604 OID 98315)
-- Name: purchase id; Type: DEFAULT; Schema: schema; Owner: postgres
--

ALTER TABLE ONLY schema.purchase ALTER COLUMN id SET DEFAULT
nextval('schema.purchase_id_seq'::regclass);


--
-- TOC entry 4776 (class 2604 OID 49153)
-- Name: purchase_composition purchase_id; Type: DEFAULT; Schema: schema; Owner:
postgres
--

ALTER TABLE ONLY schema.purchase_composition ALTER COLUMN purchase_id SET DEFAULT
nextval('schema.purchase_composition_purchase_id_seq'::regclass);


--
-- TOC entry 4820 (class 2604 OID 114740)
-- Name: schedule_employee id; Type: DEFAULT; Schema: schema; Owner: postgres
--

ALTER TABLE ONLY schema.schedule_employee ALTER COLUMN id SET DEFAULT
nextval('schema.schedule_employee_id_seq'::regclass);


--
-- TOC entry 5055 (class 0 OID 81927)
-- Dependencies: 227
-- Data for Name: chef_skills; Type: TABLE DATA; Schema: schema; Owner: postgres
--

COPY schema.chef_skills (id_employee, id_menu_item, id) FROM stdin;
2	1	1
2	2	2
5	3	3
```

```
5    4    4
2    5    5
\.



--
-- TOC entry 5054 (class 0 OID 65615)
-- Dependencies: 226
-- Data for Name: employee; Type: TABLE DATA; Schema: schema; Owner: postgres
--

COPY schema.employee (full_name, passport, personnel_number, job_title_id) FROM
stdin;
Иванов Иван Иванович      1234 567890 1    1
Смирнова-Лаптева Ольга Алексеевна    9876 543210 2    2
Гусейнов Эмиль Натиг Оглы    2468 135790 3    3
Кузнецова Анна Олеговна 3691 482057 4    4
Жаворонков Леонид Данилович 8024 975310 5    5
\.



--
-- TOC entry 5047 (class 0 OID 49202)
-- Dependencies: 219
-- Data for Name: ingredient; Type: TABLE DATA; Schema: schema; Owner: postgres
--

COPY schema.ingredient (id, name, measure, required_product_stock,
ingredient_type) FROM stdin;
1    Молоко   l    100.5
2    Помидоры     kg   30
3    Краб     kg   4.76
4    Сыр kg   5
5    Клубничный джем l    2.5
\.



--
-- TOC entry 5052 (class 0 OID 65580)
-- Dependencies: 224
-- Data for Name: job_title; Type: TABLE DATA; Schema: schema; Owner: postgres
--

COPY schema.job_title (id, salary, title, category) FROM stdin;
1    130 Официант     2
2    450 Повар    3
3    300 Менеджер     5
4    100 Официант     1
5    1000     Шеф 6
\.
```

```
--
-- TOC entry 5049 (class 0 OID 57346)
-- Dependencies: 221
-- Data for Name: menu_item; Type: TABLE DATA; Schema: schema; Owner: postgres
--

COPY schema.menu_item (id, name, calorie_content, category) FROM stdin;
3    Карабашки в сливочном соусе 350 Основное блюдо
4    Паста Болоньезе 450 Основное блюдо
1    Салат Цезарь    350 Салат
5    Тирамису    300 Десерт
2    Суп-гуляш    400 Суп
\.


--
-- TOC entry 5050 (class 0 OID 65543)
-- Dependencies: 222
-- Data for Name: menu_item_composition; Type: TABLE DATA; Schema: schema; Owner:
postgres
--

COPY schema.menu_item_composition (menu_item_id, ingredient_id, ingredient_value,
measure, id) FROM stdin;
\.


--
-- TOC entry 5056 (class 0 OID 81944)
-- Dependencies: 228
-- Data for Name: menu_item_price; Type: TABLE DATA; Schema: schema; Owner:
postgres
--

COPY schema.menu_item_price (price, start_date, end_date, menu_item_id, id) FROM
stdin;
450 2023-09-01  2024-09-01  1    1
300 2023-09-01  2024-09-01  2    2
950 2023-09-01  2024-01-01  3    3
200 2023-09-01  2024-09-01  5    5
350 2023-09-01  2023-11-01  4    4
450 2023-11-01  2024-11-01  4    6
\.


--
-- TOC entry 5062 (class 0 OID 82005)
-- Dependencies: 234
-- Data for Name: order; Type: TABLE DATA; Schema: schema; Owner: postgres
--
```

```
COPY schema."order" (id, place_id, date_time, employee_id, payment_status) FROM
stdin;
1    1    2023-11-01 12:30:00 1    Cancelled
2    2    2023-11-02 14:00:00 4    Paid
3    3    2023-11-03 18:45:00 4    Paid
4    3    2023-11-04 20:15:00 4    Cancelled
5    5    2023-11-05 21:30:00 1    Paid
\.


--
-- TOC entry 5063 (class 0 OID 82051)
-- Dependencies: 235
-- Data for Name: order_composition; Type: TABLE DATA; Schema: schema; Owner:
postgres
--

COPY schema.order_composition (order_id, menu_item_id, employee_id, count,
menu_item_status, id) FROM stdin;
1    2    2    4    Served  1
2    4    4    1    Served  2
3    5    2    2    Served  3
\.


--
-- TOC entry 5058 (class 0 OID 81954)
-- Dependencies: 230
-- Data for Name: place; Type: TABLE DATA; Schema: schema; Owner: postgres
--

COPY schema.place (id, location, number_of_seats, number, status) FROM stdin;
1    У окна  4    1    Available
2    В углу  2    2    Reserved
3    На террасе  6    3    Occupied
4    В центре зала  8    4    Reserved
5    На балконе  3    5    Occupied
\.


--
-- TOC entry 5060 (class 0 OID 81976)
-- Dependencies: 232
-- Data for Name: place_reservation; Type: TABLE DATA; Schema: schema; Owner:
postgres
--

COPY schema.place_reservation (id, place_id, employee_id, reservation_date,
visit_date, name, since, until, phone_number, reservation_status) FROM stdin;
2    2    3    2023-11-01  2023-11-06  Инга    14:00:00    16:00:00    89234567876 t
3    5    3    2023-11-02  2023-11-07  Виталий 18:00:00    20:00:00    89345678906 t
```

```
\.


--
-- TOC entry 5065 (class 0 OID 98312)
-- Dependencies: 237
-- Data for Name: purchase; Type: TABLE DATA; Schema: schema; Owner: postgres
--

COPY schema.purchase (id, provider, date, volume) FROM stdin;
1    Весёлый молочник    2023-04-11  4.5
2    Global Village  2023-05-11  6
3    ООО "Дальневосточный рыбак" 2023-03-11  2
4    ООО "Сырзавод"  2023-01-11  6
5    ИП Ольга Ивановна    2023-05-11  1
\.


--
-- TOC entry 5044 (class 0 OID 41009)
-- Dependencies: 216
-- Data for Name: purchase_composition; Type: TABLE DATA; Schema: schema; Owner:
postgres
--

COPY schema.purchase_composition (ingredient_price, expiration_date,
left_in_stock, purchase_id, ingredient_id, id) FROM stdin;
90  2023-11-12  0   1   1   1
32  2023-11-08  0   2   2   2
1300     2023-12-30  0   3   3   3
400 2023-12-12  0   4   4   4
150 2024-11-12  0   5   5   5
\.


--
-- TOC entry 5068 (class 0 OID 114737)
-- Dependencies: 240
-- Data for Name: schedule_employee; Type: TABLE DATA; Schema: schema; Owner:
postgres
--

COPY schema.schedule_employee (id, employee_id, start_time, end_time, status)
FROM stdin;
\.


--
-- TOC entry 5085 (class 0 OID 0)
-- Dependencies: 220
-- Name:  menu_item_id_seq; Type: SEQUENCE SET; Schema: schema; Owner: postgres
```

```
--

SELECT pg_catalog.setval('schema." menu_item_id_seq"', 5, true);



--
-- TOC entry 5086 (class 0 OID 0)
-- Dependencies: 225
-- Name: employee_personnel_number_seq; Type: SEQUENCE SET; Schema: schema;
Owner: postgres
--

SELECT pg_catalog.setval('schema.employee_personnel_number_seq', 5, true);



--
-- TOC entry 5087 (class 0 OID 0)
-- Dependencies: 218
-- Name: ingredient_id_seq; Type: SEQUENCE SET; Schema: schema; Owner: postgres
--

SELECT pg_catalog.setval('schema.ingredient_id_seq', 5, true);



--
-- TOC entry 5088 (class 0 OID 0)
-- Dependencies: 223
-- Name: job_title_id_seq; Type: SEQUENCE SET; Schema: schema; Owner: postgres
--

SELECT pg_catalog.setval('schema.job_title_id_seq', 5, true);



--
-- TOC entry 5089 (class 0 OID 0)
-- Dependencies: 238
-- Name: menu_item_composition_id_seq; Type: SEQUENCE SET; Schema: schema; Owner:
postgres
--

SELECT pg_catalog.setval('schema.menu_item_composition_id_seq', 1, false);



--
-- TOC entry 5090 (class 0 OID 0)
-- Dependencies: 233
-- Name: order_id_seq; Type: SEQUENCE SET; Schema: schema; Owner: postgres
--

SELECT pg_catalog.setval('schema.order_id_seq', 5, true);
```

```
--
-- TOC entry 5091 (class 0 OID 0)
-- Dependencies: 229
-- Name: place_id_seq; Type: SEQUENCE SET; Schema: schema; Owner: postgres
--

SELECT pg_catalog.setval('schema.place_id_seq', 5, true);


--
-- TOC entry 5092 (class 0 OID 0)
-- Dependencies: 231
-- Name: place_reservation_id_seq; Type: SEQUENCE SET; Schema: schema; Owner:
postgres
--

SELECT pg_catalog.setval('schema.place_reservation_id_seq', 3, true);


--
-- TOC entry 5093 (class 0 OID 0)
-- Dependencies: 217
-- Name: purchase_composition_purchase_id_seq; Type: SEQUENCE SET; Schema:
schema; Owner: postgres
--

SELECT pg_catalog.setval('schema.purchase_composition_purchase_id_seq', 1,
false);


--
-- TOC entry 5094 (class 0 OID 0)
-- Dependencies: 236
-- Name: purchase_id_seq; Type: SEQUENCE SET; Schema: schema; Owner: postgres
--

SELECT pg_catalog.setval('schema.purchase_id_seq', 5, true);


--
-- TOC entry 5095 (class 0 OID 0)
-- Dependencies: 239
-- Name: schedule_employee_id_seq; Type: SEQUENCE SET; Schema: schema; Owner:
postgres
--

SELECT pg_catalog.setval('schema.schedule_employee_id_seq', 1, false);


--
-- TOC entry 4858 (class 2606 OID 57353)
```

```
--  Name: menu_item  menu_item_pkey; Type: CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE ONLY schema.menu_item
    ADD CONSTRAINT " menu_item_pkey" PRIMARY KEY (id);


--
-- TOC entry 4824 (class 2606 OID 98304)
-- Name: ingredient ch_name; Type: CHECK CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE schema.ingredient
    ADD CONSTRAINT ch_name CHECK (((name)::text ~ '^[А-ЯЁA-Z][а-яёa-z\s]'::text))
NOT VALID;


--
-- TOC entry 4826 (class 2606 OID 98305)
-- Name: menu_item ch_name; Type: CHECK CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE schema.menu_item
    ADD CONSTRAINT ch_name CHECK (((name)::text ~ '^[А-ЯЁA-Z][а-яёa-z\s]'::text))
NOT VALID;


--
-- TOC entry 4870 (class 2606 OID 114708)
-- Name: chef_skills chef_skills_pkey; Type: CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE ONLY schema.chef_skills
    ADD CONSTRAINT chef_skills_pkey PRIMARY KEY (id);


--
-- TOC entry 4850 (class 2606 OID 114752)
-- Name: schedule_employee chk1; Type: CHECK CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE schema.schedule_employee
    ADD CONSTRAINT chk1 CHECK (((start_time > '2023-01-01 00:00:00'::timestamp
without time zone) AND (end_time > '2023-01-01 00:00:00'::timestamp without time
zone) AND (end_time > start_time))) NOT VALID;
```

```
--
-- TOC entry 4827 (class 2606 OID 81926)
-- Name: menu_item chk_calorie_content; Type: CHECK CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE schema.menu_item
    ADD CONSTRAINT chk_calorie_content CHECK ((calorie_content > 0)) NOT VALID;


--
-- TOC entry 4829 (class 2606 OID 65589)
-- Name: job_title chk_category; Type: CHECK CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE schema.job_title
    ADD CONSTRAINT chk_category CHECK (((category >= 0) AND (category <= 6))) NOT
VALID;


--
-- TOC entry 4847 (class 2606 OID 82072)
-- Name: order_composition chk_count; Type: CHECK CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE schema.order_composition
    ADD CONSTRAINT chk_count CHECK ((count > 0)) NOT VALID;


--
-- TOC entry 4839 (class 2606 OID 82000)
-- Name: place_reservation chk_date; Type: CHECK CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE schema.place_reservation
    ADD CONSTRAINT chk_date CHECK ((visit_date >= reservation_date)) NOT VALID;


--
-- TOC entry 4846 (class 2606 OID 82031)
-- Name: order chk_date; Type: CHECK CONSTRAINT; Schema: schema; Owner: postgres
--

ALTER TABLE schema."order"
    ADD CONSTRAINT chk_date CHECK ((date_time > '2023-01-01 12:00:00'::timestamp
without time zone)) NOT VALID;
```

```
--
-- TOC entry 4834 (class 2606 OID 81951)
-- Name: menu_item_price chk_dates; Type: CHECK CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE schema.menu_item_price
    ADD CONSTRAINT chk_dates CHECK ((end_date > start_date)) NOT VALID;



--
-- TOC entry 4832 (class 2606 OID 81921)
-- Name: employee chk_full_name; Type: CHECK CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE schema.employee
    ADD CONSTRAINT chk_full_name CHECK (((full_name)::text ~ '^([А-Я]{1}[а-
яё]{1,32}[ -]{1}[А-Я]{1}[а-яё]{1,32} [А-Я]{1}[а-яё]{1,29}( [А-Я]{1}[а-
яё]{1,32})?)$'::text)) NOT VALID;



--
-- TOC entry 4822 (class 2606 OID 49162)
-- Name: purchase_composition chk_left_in_stock; Type: CHECK CONSTRAINT; Schema:
schema; Owner: postgres
--

ALTER TABLE schema.purchase_composition
    ADD CONSTRAINT chk_left_in_stock CHECK ((left_in_stock >= 0)) NOT VALID;



--
-- TOC entry 4837 (class 2606 OID 81974)
-- Name: place chk_location; Type: CHECK CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE schema.place
    ADD CONSTRAINT chk_location CHECK (((location)::text ~ '^[А-ЯЁA-Z][ а-яёа-
z]*$'::text)) NOT VALID;



--
-- TOC entry 4840 (class 2606 OID 82003)
-- Name: place_reservation chk_name; Type: CHECK CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE schema.place_reservation
```

```
    ADD CONSTRAINT chk_name CHECK (((name)::text ~ '^[А-ЯЁА-Z][а-яёа-
z]*$'::text)) NOT VALID;


--
-- TOC entry 4838 (class 2606 OID 81973)
-- Name: place chk_number_of_seats; Type: CHECK CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE schema.place
    ADD CONSTRAINT chk_number_of_seats CHECK (((number_of_seats > 0) AND
(number_of_seats < 21))) NOT VALID;


--
-- TOC entry 4841 (class 2606 OID 82001)
-- Name: place_reservation chk_phone_number; Type: CHECK CONSTRAINT; Schema:
schema; Owner: postgres
--

ALTER TABLE schema.place_reservation
    ADD CONSTRAINT chk_phone_number CHECK (((phone_number)::text ~
'89\d\d\d\d\d\d\d\d'::text)) NOT VALID;


--
-- TOC entry 4835 (class 2606 OID 81952)
-- Name: menu_item_price chk_price; Type: CHECK CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE schema.menu_item_price
    ADD CONSTRAINT chk_price CHECK ((price > 0)) NOT VALID;


--
-- TOC entry 4825 (class 2606 OID 90120)
-- Name: ingredient chk_required_product_stock; Type: CHECK CONSTRAINT; Schema:
schema; Owner: postgres
--

ALTER TABLE schema.ingredient
    ADD CONSTRAINT chk_required_product_stock CHECK ((required_product_stock >=
(0)::double precision)) NOT VALID;


--
-- TOC entry 4842 (class 2606 OID 81998)
-- Name: place_reservation chk_reservation_date; Type: CHECK CONSTRAINT; Schema:
schema; Owner: postgres
```

```
--

ALTER TABLE schema.place_reservation
    ADD CONSTRAINT chk_reservation_date CHECK ((reservation_date > '2023-01-
01'::date)) NOT VALID;


--
-- TOC entry 4836 (class 2606 OID 81950)
-- Name: menu_item_price chk_start_date; Type: CHECK CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE schema.menu_item_price
    ADD CONSTRAINT chk_start_date CHECK ((start_date > '2023-01-01'::date)) NOT
VALID;


--
-- TOC entry 4843 (class 2606 OID 81996)
-- Name: place_reservation chk_time_since; Type: CHECK CONSTRAINT; Schema:
schema; Owner: postgres
--

ALTER TABLE schema.place_reservation
    ADD CONSTRAINT chk_time_since CHECK (((since >= '12:00:00'::time without time
zone) AND (since <= '21:00:00'::time without time zone))) NOT VALID;


--
-- TOC entry 4830 (class 2606 OID 81923)
-- Name: job_title chk_title; Type: CHECK CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE schema.job_title
    ADD CONSTRAINT chk_title CHECK (((title)::text ~ '^([А-Я]{1}[а-яё]{1,32}( [а-
яё]{1,32}){0,10})$'::text)) NOT VALID;


--
-- TOC entry 4844 (class 2606 OID 81997)
-- Name: place_reservation chk_until_time; Type: CHECK CONSTRAINT; Schema:
schema; Owner: postgres
--

ALTER TABLE schema.place_reservation
    ADD CONSTRAINT chk_until_time CHECK (((until > '14:00:00'::time without time
zone) AND (until < '23:00:00'::time without time zone))) NOT VALID;
```

```
--
-- TOC entry 4845 (class 2606 OID 81999)
-- Name: place_reservation chk_visit_date; Type: CHECK CONSTRAINT; Schema:
schema; Owner: postgres
--

ALTER TABLE schema.place_reservation
    ADD CONSTRAINT chk_visit_date CHECK ((visit_date > '2023-01-01'::date)) NOT
VALID;


--
-- TOC entry 4866 (class 2606 OID 65623)
-- Name: employee employee_pkey; Type: CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE ONLY schema.employee
    ADD CONSTRAINT employee_pkey PRIMARY KEY (personnel_number);


--
-- TOC entry 4862 (class 2606 OID 114735)
-- Name: menu_item_composition id_prkey; Type: CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE ONLY schema.menu_item_composition
    ADD CONSTRAINT id_prkey PRIMARY KEY (id);


--
-- TOC entry 4854 (class 2606 OID 49212)
-- Name: ingredient ingredient_name_key; Type: CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE ONLY schema.ingredient
    ADD CONSTRAINT ingredient_name_key UNIQUE (name);


--
-- TOC entry 4856 (class 2606 OID 49210)
-- Name: ingredient ingredient_pkey; Type: CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE ONLY schema.ingredient
    ADD CONSTRAINT ingredient_pkey PRIMARY KEY (id);
```

```
--
-- TOC entry 4828 (class 2606 OID 65560)
-- Name: menu_item_composition ingredient_value; Type: CHECK CONSTRAINT; Schema:
schema; Owner: postgres
--

ALTER TABLE schema.menu_item_composition
    ADD CONSTRAINT ingredient_value CHECK ((ingredient_value > 0)) NOT VALID;


--
-- TOC entry 4868 (class 2606 OID 73729)
-- Name: employee job_title_id; Type: CONSTRAINT; Schema: schema; Owner: postgres
--

ALTER TABLE ONLY schema.employee
    ADD CONSTRAINT job_title_id UNIQUE (job_title_id);


--
-- TOC entry 4864 (class 2606 OID 65587)
-- Name: job_title job_title_pkey; Type: CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE ONLY schema.job_title
    ADD CONSTRAINT job_title_pkey PRIMARY KEY (id);


--
-- TOC entry 4860 (class 2606 OID 65537)
-- Name: menu_item menu_item_name_key; Type: CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE ONLY schema.menu_item
    ADD CONSTRAINT menu_item_name_key UNIQUE (name);


--
-- TOC entry 4872 (class 2606 OID 114733)
-- Name: menu_item_price menu_item_price_pkey; Type: CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE ONLY schema.menu_item_price
    ADD CONSTRAINT menu_item_price_pkey PRIMARY KEY (id);


--
-- TOC entry 4880 (class 2606 OID 114705)
```

```
--
-- Name: order_composition order_composition_pkey; Type: CONSTRAINT; Schema:
schema; Owner: postgres
--

ALTER TABLE ONLY schema.order_composition
    ADD CONSTRAINT order_composition_pkey PRIMARY KEY (id);



--
-- TOC entry 4878 (class 2606 OID 82055)
-- Name: order order_pkey; Type: CONSTRAINT; Schema: schema; Owner: postgres
--

ALTER TABLE ONLY schema."order"
    ADD CONSTRAINT order_pkey PRIMARY KEY (id);



--
-- TOC entry 4874 (class 2606 OID 81960)
-- Name: place place_pkey; Type: CONSTRAINT; Schema: schema; Owner: postgres
--

ALTER TABLE ONLY schema.place
    ADD CONSTRAINT place_pkey PRIMARY KEY (id);



--
-- TOC entry 4876 (class 2606 OID 98338)
-- Name: place_reservation place_reservation_pkey; Type: CONSTRAINT; Schema:
schema; Owner: postgres
--

ALTER TABLE ONLY schema.place_reservation
    ADD CONSTRAINT place_reservation_pkey PRIMARY KEY (id);



--
-- TOC entry 4852 (class 2606 OID 114730)
-- Name: purchase_composition purchase_composition_pkey; Type: CONSTRAINT;
Schema: schema; Owner: postgres
--

ALTER TABLE ONLY schema.purchase_composition
    ADD CONSTRAINT purchase_composition_pkey PRIMARY KEY (id);



--
-- TOC entry 4882 (class 2606 OID 98322)
-- Name: purchase purchase_pkey; Type: CONSTRAINT; Schema: schema; Owner:
postgres
--
```

```
ALTER TABLE ONLY schema.purchase
    ADD CONSTRAINT purchase_pkey PRIMARY KEY (id);
```

```
--
-- TOC entry 4884 (class 2606 OID 114759)
-- Name: schedule_employee schedule_employee_pkey; Type: CONSTRAINT; Schema:
schema; Owner: postgres
--
```

```
ALTER TABLE ONLY schema.schedule_employee
    ADD CONSTRAINT schedule_employee_pkey PRIMARY KEY (id);
```

```
--
-- TOC entry 4831 (class 2606 OID 98329)
-- Name: job_title chk_salary; Type: CHECK CONSTRAINT; Schema: schema; Owner:
postgres
--
```

```
ALTER TABLE schema.job_title
    ADD CONSTRAINT "chk_salary" CHECK ((salary >= 88)) NOT VALID;
```

```
--
-- TOC entry 4900 (class 2606 OID 114753)
-- Name: schedule_employee fk_employee; Type: FK CONSTRAINT; Schema: schema;
Owner: postgres
--
```

```
ALTER TABLE ONLY schema.schedule_employee
    ADD CONSTRAINT fk_employee FOREIGN KEY (employee_id) REFERENCES
schema.employee(personnel_number) NOT VALID;
```

```
--
-- TOC entry 4893 (class 2606 OID 81989)
-- Name: place_reservation fk_employee_id; Type: FK CONSTRAINT; Schema: schema;
Owner: postgres
--
```

```
ALTER TABLE ONLY schema.place_reservation
    ADD CONSTRAINT fk_employee_id FOREIGN KEY (employee_id) REFERENCES
schema.employee(personnel_number);
```

```
--
-- TOC entry 4895 (class 2606 OID 82015)
-- Name: order fk_employee_id; Type: FK CONSTRAINT; Schema: schema; Owner:
postgres
```

```
--

ALTER TABLE ONLY schema."order"
    ADD CONSTRAINT fk_employee_id FOREIGN KEY (employee_id) REFERENCES
schema.employee(personnel_number);


--
-- TOC entry 4897 (class 2606 OID 82067)
-- Name: order_composition fk_employee_id; Type: FK CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE ONLY schema.order_composition
    ADD CONSTRAINT fk_employee_id FOREIGN KEY (employee_id) REFERENCES
schema.employee(personnel_number) NOT VALID;


--
-- TOC entry 4890 (class 2606 OID 81930)
-- Name: chef_skills fk_id_employee; Type: FK CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE ONLY schema.chef_skills
    ADD CONSTRAINT fk_id_employee FOREIGN KEY (id_employee) REFERENCES
schema.employee(personnel_number);


--
-- TOC entry 4891 (class 2606 OID 81935)
-- Name: chef_skills fk_id_menu_item; Type: FK CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE ONLY schema.chef_skills
    ADD CONSTRAINT fk_id_menu_item FOREIGN KEY (id_menu_item) REFERENCES
schema.menu_item(id);


--
-- TOC entry 4885 (class 2606 OID 65538)
-- Name: purchase_composition fk_ingredient_id; Type: FK CONSTRAINT; Schema:
schema; Owner: postgres
--

ALTER TABLE ONLY schema.purchase_composition
    ADD CONSTRAINT fk_ingredient_id FOREIGN KEY (ingredient_id) REFERENCES
schema.ingredient(id) NOT VALID;
```

```
--
-- TOC entry 4887 (class 2606 OID 65555)
-- Name: menu_item_composition fk_ingredient_id; Type: FK CONSTRAINT; Schema:
schema; Owner: postgres
--

ALTER TABLE ONLY schema.menu_item_composition
    ADD CONSTRAINT fk_ingredient_id FOREIGN KEY (ingredient_id) REFERENCES
schema.ingredient(id) NOT VALID;


--
-- TOC entry 4889 (class 2606 OID 65624)
-- Name: employee fk_job_title_id; Type: FK CONSTRAINT; Schema: schema; Owner:
postgres
--

ALTER TABLE ONLY schema.employee
    ADD CONSTRAINT fk_job_title_id FOREIGN KEY (job_title_id) REFERENCES
schema.job_title(id);


--
-- TOC entry 4888 (class 2606 OID 65550)
-- Name: menu_item_composition fk_menu_item_id; Type: FK CONSTRAINT; Schema:
schema; Owner: postgres
--

ALTER TABLE ONLY schema.menu_item_composition
    ADD CONSTRAINT fk_menu_item_id FOREIGN KEY (menu_item_id) REFERENCES
schema.menu_item(id) NOT VALID;


--
-- TOC entry 4898 (class 2606 OID 82061)
-- Name: order_composition fk_menu_item_id; Type: FK CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE ONLY schema.order_composition
    ADD CONSTRAINT fk_menu_item_id FOREIGN KEY (menu_item_id) REFERENCES
schema.menu_item(id) NOT VALID;


--
-- TOC entry 4899 (class 2606 OID 82056)
-- Name: order_composition fk_order_id; Type: FK CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE ONLY schema.order_composition
```

```
    ADD CONSTRAINT fk_order_id FOREIGN KEY (order_id) REFERENCES
schema."order"(id) NOT VALID;


--
-- TOC entry 4894 (class 2606 OID 81984)
-- Name: place_reservation fk_place_id; Type: FK CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE ONLY schema.place_reservation
    ADD CONSTRAINT fk_place_id FOREIGN KEY (place_id) REFERENCES
schema.place(id);


--
-- TOC entry 4896 (class 2606 OID 82010)
-- Name: order fk_place_id; Type: FK CONSTRAINT; Schema: schema; Owner: postgres
--

ALTER TABLE ONLY schema."order"
    ADD CONSTRAINT fk_place_id FOREIGN KEY (place_id) REFERENCES
schema.place(id);


--
-- TOC entry 4886 (class 2606 OID 106496)
-- Name: purchase_composition fk_purchase_id; Type: FK CONSTRAINT; Schema:
schema; Owner: postgres
--

ALTER TABLE ONLY schema.purchase_composition
    ADD CONSTRAINT fk_purchase_id FOREIGN KEY (purchase_id) REFERENCES
schema.purchase(id) NOT VALID;


--
-- TOC entry 4892 (class 2606 OID 98324)
-- Name: menu_item_price fl_menu_item_id; Type: FK CONSTRAINT; Schema: schema;
Owner: postgres
--

ALTER TABLE ONLY schema.menu_item_price
    ADD CONSTRAINT fl_menu_item_id FOREIGN KEY (menu_item_id) REFERENCES
schema.menu_item(id) NOT VALID;


-- Completed on 2023-11-13 18:02:55

--
-- PostgreSQL database dump complete
```