```
CREATE TABLE `product`(
    id INT PRIMARY KEY AUTO_INCREMENT,
        model VARCHAR(100) NOT NULL,
    type VARCHAR(100),
    size INT,
    description VARCHAR(255),
    in_production BOOLEAN,
    MSRPP INT,
    url_photo VARCHAR(255)
);

CREATE TABLE `customer`(
    id INT PRIMARY KEY AUTO_INCREMENT,
    start_date DATE NOT NULL,
    end_date DATE NOT NULL);

CREATE TABLE `franchise`(
    name VARCHAR(100) NOT NULL,
    customer_id INT NOT NULL,
    price_up INT,
    address VARCHAR(100),
    PRIMARY KEY(name, customer_id),
    CONSTRAINT fk_customer_id FOREIGN KEY(customer_id)
    REFERENCES customer(id)
    ON DELETE CASCADE
        ON UPDATE CASCADE);

CREATE TABLE `store`(
        name VARCHAR(100) NOT NULL,
    customer_id INT NOT NULL,
    address VARCHAR(100),
    price_up INT,
    PRIMARY KEY(name, customer_id),
    CONSTRAINT fk_customer_id_store FOREIGN KEY(customer_id)
    REFERENCES customer(id)
    ON DELETE CASCADE
        ON UPDATE CASCADE);

CREATE TABLE `team_skier`(
        first_name VARCHAR(100) NOT NULL,
    last_name VARCHAR(100) NOT NULL,
    customer_id INT NOT NULL,
    date_of_birth DATE,
    club VARCHAR(100),
    number_of_skis INT,
    PRIMARY KEY(first_name, last_name, customer_id),
    CONSTRAINT fk_customer_id_team_skier FOREIGN KEY(customer_id)
    REFERENCES customer(id)
    ON DELETE CASCADE
        ON UPDATE CASCADE);
```

```
CREATE TABLE `order`(
    id INT NOT NULL AUTO_INCREMENT,
    product_id INT NOT NULL,
    customer_id INT NOT NULL,
    ski_type VARCHAR(100),
    quantity INT,
    total_price INT,
    order_status VARCHAR(100),
    PRIMARY KEY(id, product_id, customer_id),
    CONSTRAINT fk_product_id_order FOREIGN KEY(product_id) REFERENCES product(id),
    CONSTRAINT fk_customer_id_order FOREIGN KEY(customer_id) REFERENCES
customer(id)
    ON DELETE CASCADE
        ON UPDATE CASCADE);

CREATE TABLE `store_info`(
    id INT NOT NULL AUTO_INCREMENT,
    customer_id INT NOT NULL,
    PRIMARY KEY(id, customer_id),
    CONSTRAINT fk_customer_id_store_info
    FOREIGN KEY(customer_id)
    REFERENCES customer(id)
        ON DELETE CASCADE
    ON UPDATE CASCADE
);

CREATE TABLE `receive_shipment`(
    directly INT NOT NULL AUTO_INCREMENT,
    store_info_id INT NOT NULL,
    PRIMARY KEY(directly, store_info_id),
    CONSTRAINT fk_store_info_id_receive_shipment
    FOREIGN KEY(store_info_id)
    REFERENCES store_info(id)
        ON DELETE CASCADE
    ON UPDATE CASCADE
);

CREATE TABLE `order_setting`(
    independent INT NOT NULL AUTO_INCREMENT,
    store_info_id INT NOT NULL,
    PRIMARY KEY(independent, store_info_id),
    CONSTRAINT fk_store_info_id_order_setting
    FOREIGN KEY(store_info_id)
    REFERENCES store_info(id)
        ON DELETE CASCADE
    ON UPDATE CASCADE
);


CREATE TABLE `shipment`(
        id INT NOT NULL AUTO_INCREMENT,
    order_id INT NOT NULL,
```

```
    store_franchise_name VARCHAR(100),
    address VARCHAR(100),
    scheduled_pickup_date DATE,
    state VARCHAR(100),
    transport_name VARCHAR(100),
    driver_id INT,
    PRIMARY KEY(id, order_id),
    CONSTRAINT fk_order_id_shipment
    FOREIGN KEY(order_id)
    REFERENCES `order`(id)
    ON DELETE CASCADE
    ON UPDATE CASCADE
);


CREATE TABLE `transport`(
        id INT NOT NULL AUTO_INCREMENT,
    shipment_id INT NOT NULL,
    name VARCHAR(100),
    PRIMARY KEY(id, shipment_id),
    CONSTRAINT fk_shipment_id_transport
    FOREIGN KEY(shipment_id)
    REFERENCES `shipment`(id)
    ON DELETE CASCADE
    ON UPDATE CASCADE
);


CREATE TABLE `driver`(
        id INT NOT NULL AUTO_INCREMENT,
    transport_id INT NOT NULL,
    first_name VARCHAR(100),
    last_name VARCHAR(100),
    PRIMARY KEY(id, transport_id),
    CONSTRAINT fk_transport_id_driver
    FOREIGN KEY(transport_id)
    REFERENCES `transport`(id)
    ON DELETE CASCADE
    ON UPDATE CASCADE
);

CREATE TABLE `manafacturer`(
        id INT PRIMARY KEY AUTO_INCREMENT,
    name VARCHAR(100)
);


CREATE TABLE `production_plan`(
        week_number INT NOT NULL,
    manafacturer_id INT NOT NULL,
    PRIMARY KEY (week_number, manafacturer_id),
    CONSTRAINT fk_manafacturer_id_production_plans
```

```
    FOREIGN KEY(manafacturer_id)
    REFERENCES `manafacturer`(id)
    ON DELETE CASCADE
    ON UPDATE CASCADE
);


CREATE TABLE `production_type`(
        id INT NOT NULL AUTO_INCREMENT,
    production_week_number INT NOT NULL,
    product_id INT NOT NULL,
    day INT,
    type VARCHAR(100),
    production_amount INT,
    PRIMARY KEY(id, production_week_number, product_id),
    CONSTRAINT fk_production_week_number_production_type
    FOREIGN KEY(production_week_number)
    REFERENCES `production_plan`(week_number),
    CONSTRAINT fk_product_id_production_type
    FOREIGN KEY(product_id)
    REFERENCES `product`(id)
        ON DELETE CASCADE
    ON UPDATE CASCADE
);


CREATE TABLE `employee`(
        id INT NOT NULL AUTO_INCREMENT,
    manafacturer_id INT NOT NULL,
    first_name VARCHAR(100),
    last_name VARCHAR(100),
    PRIMARY KEY(id, manafacturer_id),
    CONSTRAINT fk_manafacturer_id_employee
    FOREIGN KEY(manafacturer_id)
    REFERENCES `manafacturer`(id)
        ON DELETE CASCADE
    ON UPDATE CASCADE
);


CREATE TABLE `department`(
        name VARCHAR(100) NOT NULL,
    employee_id INT NOT NULL,
    responsibility VARCHAR(255),
    PRIMARY KEY(name, employee_id),
    CONSTRAINT fk_employee_id_department
    FOREIGN KEY(employee_id)
    REFERENCES `employee`(id)
        ON DELETE CASCADE
    ON UPDATE CASCADE
);
```