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CREATE TABLE product (
    pid                INTEGER NOT NULL,
    manufacturer        VARCHAR(20),
    model              VARCHAR(20),
    release_date        DATE,
    retail_price        FLOAT,
    qty_in_stock        INTEGER,
    PRIMARY KEY (pid)
);

CREATE TABLE camera (
    pid                INTEGER NOT NULL,
    pixel_num          FLOAT,
    sensor_size        FLOAT,
    PRIMARY KEY (pid),
    FOREIGN KEY (pid) REFERENCES product(pid)
);

CREATE TABLE finder (
    fid                INTEGER NOT NULL,
    PRIMARY KEY (fid)
);

-- Electronic viewfinder
CREATE TABLE finder_ev (
    fid                INTEGER NOT NULL,
    PRIMARY KEY (fid),
    FOREIGN KEY (fid) REFERENCES finder(fid)
);

-- Optical viewfinder
CREATE TABLE finder_ov (
    fid                INTEGER NOT NULL,
    PRIMARY KEY (fid),
    FOREIGN KEY (fid) REFERENCES finder(fid)
);

-- "Through the lens" optical viewfinder
CREATE TABLE finder_tv (
    fid                INTEGER NOT NULL,
    PRIMARY KEY (fid),
    FOREIGN KEY (fid) REFERENCES finder(fid)
);

-- Optical rangefinder
CREATE TABLE finder_or (
    fid                INTEGER NOT NULL,
    PRIMARY KEY (fid),
    FOREIGN KEY (fid) REFERENCES finder(fid)
);

CREATE TABLE camera_finder (
    camera_id          INTEGER NOT NULL,
    fid                INTEGER NOT NULL,
    PRIMARY KEY (camera_id, fid),
    FOREIGN KEY (camera_id) REFERENCES camera(pid),
    FOREIGN KEY (fid) REFERENCES finder(fid)
);

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CREATE TABLE unreplacable_lens_cam (
    pid                INTEGER NOT NULL,
    focal_len_min      FLOAT,
    focal_len_max      FLOAT,
    aperture_min       FLOAT,
    aperture_max       FLOAT,
    PRIMARY KEY (pid),
    FOREIGN KEY (pid) REFERENCES camera(pid)
);

CREATE TABLE replacable_lens_cam (
    pid                INTEGER NOT NULL,
    PRIMARY KEY (pid),
    FOREIGN KEY (pid) REFERENCES camera(pid)
);

CREATE TABLE lens (
    pid                INTEGER NOT NULL,
    focal_len_min      FLOAT,
    focal_len_max      FLOAT,
    aperture_min       FLOAT,
    aperture_max       FLOAT,
    PRIMARY KEY (pid),
    FOREIGN KEY (pid) REFERENCES product(pid)
);

CREATE TABLE prime_lens (
    pid                INTEGER NOT NULL,
    PRIMARY KEY (pid),
    FOREIGN KEY (pid) REFERENCES lens(pid)
);

CREATE TABLE camera_lens (
    camera_id          INTEGER NOT NULL,
    lens_id            INTEGER NOT NULL,
    PRIMARY KEY (camera_id, lens_id),
    FOREIGN KEY (camera_id) REFERENCES replacable_lens_cam(pid),
    FOREIGN KEY (lens_id) REFERENCES lens(pid)
);

CREATE TABLE customer (
    cid                INTEGER NOT NULL,
    name               VARCHAR(20),
    email              VARCHAR(20),
    shipping_address   VARCHAR(50),
    PRIMARY KEY (cid)
);

CREATE TABLE online_customer (
    cid                INTEGER NOT NULL,
    PRIMARY KEY (cid),
    FOREIGN KEY (cid) REFERENCES customer(cid)
);

CREATE TABLE domestic_customer (
    cid                INTEGER NOT NULL,
    PRIMARY KEY (cid),
    FOREIGN KEY (cid) REFERENCES customer(cid)
);

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CREATE TABLE purchase_order (  
    cid                INTEGER NOT NULL,  
    pid                INTEGER NOT NULL,  
    selling_price      FLOAT,  
    outstanding        BOOLEAN,  
    FOREIGN KEY (cid) REFERENCES customer(cid),  
    FOREIGN KEY (pid) REFERENCES product(pid)  
);
```

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CREATE TABLE evaluation (  
    cid                INTEGER NOT NULL,  
    pid                INTEGER NOT NULL,  
    score              INTEGER NOT NULL,  
    comment            VARCHAR(100),  
    PRIMARY KEY (cid, pid),  
    FOREIGN KEY (cid) REFERENCES customer(cid),  
    FOREIGN KEY (pid) REFERENCES product(pid)  
);
```