Product and Category ERD for CoolShop Database
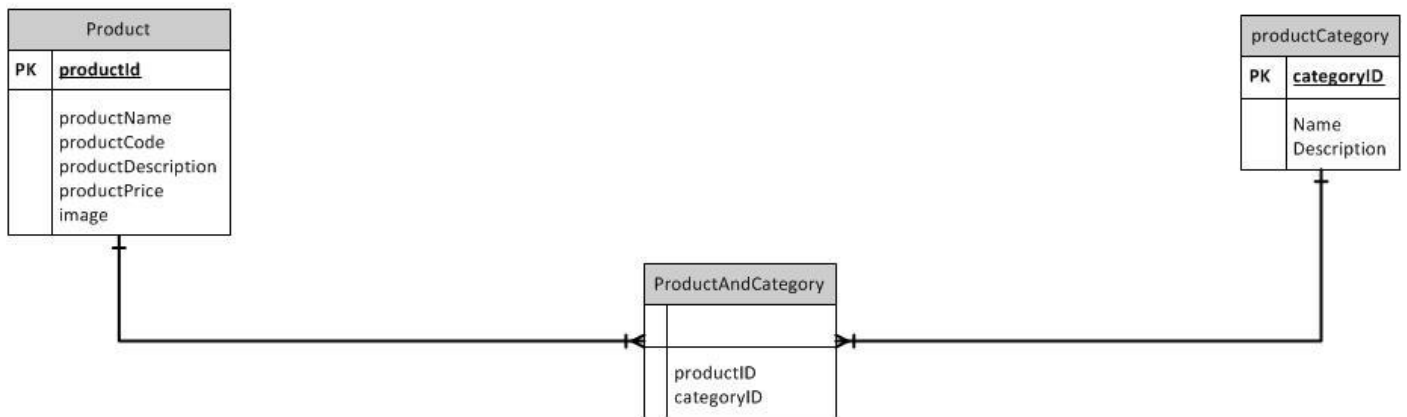

Note:

1. Any thought on the Product Price? Separe table
2. We can run an sql statement to insert data to 'productCategory' table but not 'product' table because an image has to be inserted using a PHP form

Product Table

productID	productName	productDescription	productPrice	Image
1	Jean	Denim Jeans	$25.00	
2	Jacket	Nylon	$30.00	
3	Trousers	Cropped	$50.00	
4	Cups	Drinking cup	$5.00	
5	Skinny Jeans	Denim Jeans	$69.00	

Product Category Table

categoryID	categoryName	categoryDescription
1	Denim Jeans	High Quality Jeans
2	Kitchen Utencils	All utensils for the kitchen and household
3	Homeware	Indoors and outdoors tools
4	Suit	Working suits, Ties, sleeves
5	Jacket	Winter Jackets

ProductAndCategory Table

productID	categoryID
1	1
2	5
3	4
4	2
5	1

SQL Statement

create database coolshop;

use coolshop;

```sql
create table category (
category_id char(4) auto_increment  primary key,
category_name varchar(20) not null,
category_desc varchar(100) not null,
) engine = innodb;
create table product (
productID char(10) auto_increment  primary key,
product_name varchar(10) not null,
productDescription(30) not null,
productPrice(30) not null,
product_image blob,
category_id int,
) engine = innodb;
insert into category values ("Denim Jeans", "High Quality Jeans");
insert into category values ("Kitchen Utencils", "All utensils for the
kitchen and household");
insert into category values ("Homeware "Indoors and outdoors tools");
insert into category values ("Suit "Working suits, Ties, sleeves");
insert into category values ("Jacket "Winter Jackets");
```