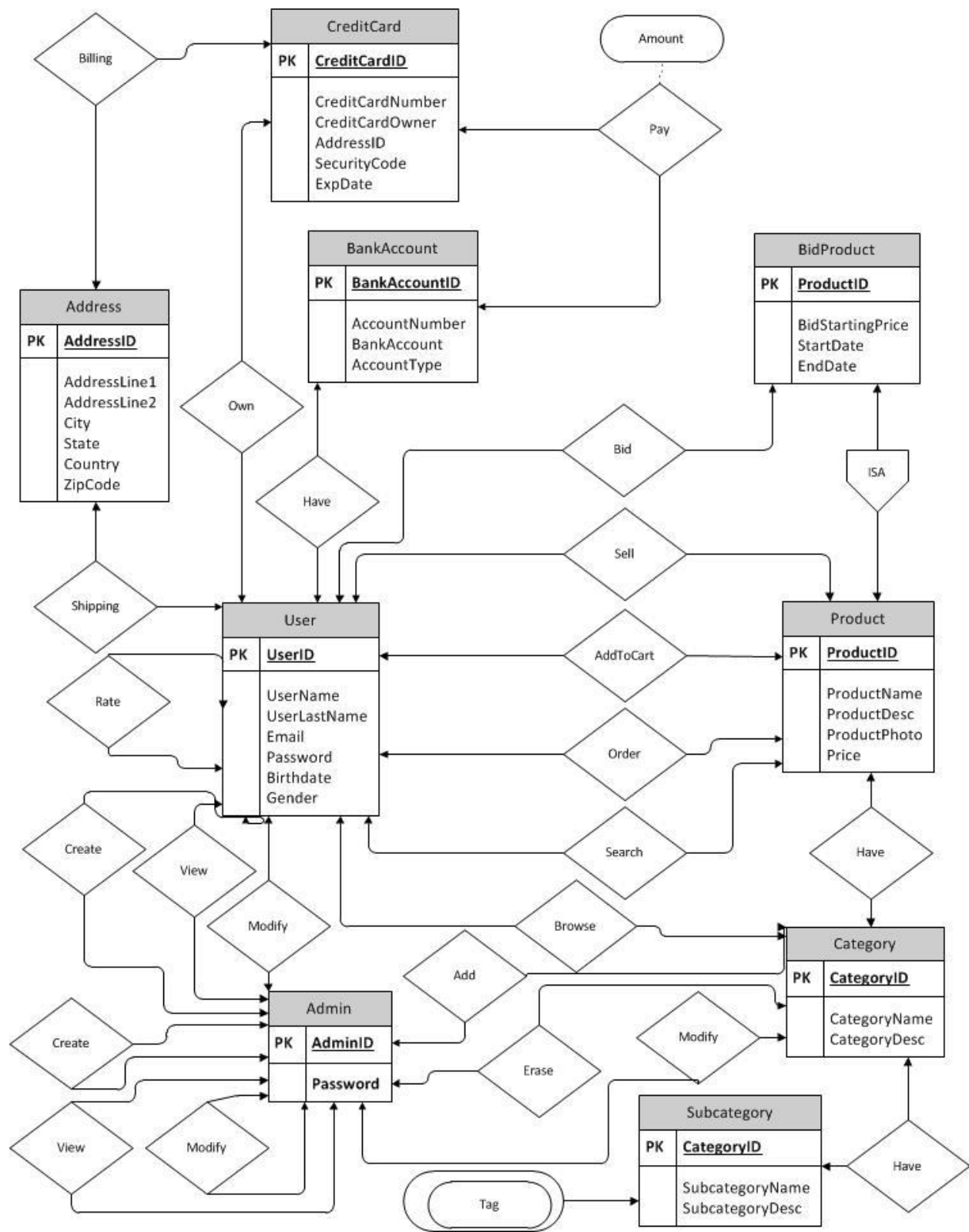


ER Diagram



Entities

The following is a description of each entity and explanation of the relationship with other entities.

User

The user is one of the main entities and interacts with most of the other entities. The User can have bank accounts and credit cards. The user can sell, order, search and add to cart products. The user has shipping address. The user can browse products by category and sub category. The user can bid for products and pay through credit card to a bank account. The user can rate other users.

Product

The products have categories and subcategories. The product can be a bid able product. This entity defines the price of the product and description of it.

Bid Product

The user can bid for this product, it will be for certain time and will have a starting price.

Category

The products can be browse by category.

SubCategory

Is within a category and may have tags to go in more detail of that subcategory.

BankAccount

The bank account belongs to a user. A credit card can deposit an amount of a sale to a Bank Account.

CreditCard

The credit card is the method the user use to pay for a order. The credit card has a billing address and can pay a specific amount to the bank account of other user.

Address

The user can have a shipping address and the credit card have a billing address.

Admin

The admin can create view or modify a user. The admin can create view or modify a category. The admin can create view or modify another admin.