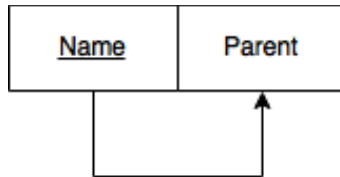


## 2.) Categories

```
CREATE TABLE Categories (  
    name CHAR(30),  
    parent CHAR(30),  
    PRIMARY KEY (name),  
    FOREIGN KEY (parent) REFERENCES Categories (name)  
);
```



```
CREATE TABLE Item_Category (  
    item CHAR(20),  
    category CHAR(30) NOT NULL,  
    PRIMARY KEY (item),  
    FOREIGN KEY (item) REFERENCES Items (itemid)  
        ON DELETE CASCADE,  
    FOREIGN KEY (category) REFERENCES Categories (name)  
        ON DELETE CASCADE  
);
```

```
CREATE TABLE Supplier_Category (  
    supplier CHAR(20),  
    category CHAR(30),  
    PRIMARY KEY (supplier, category),  
    FOREIGN KEY (supplier) REFERENCES Suppliers (supplierid)  
        ON DELETE CASCADE,  
    FOREIGN KEY (category) REFERENCES Categories (name)  
        ON DELETE CASCADE  
);
```