

Yongji Shen

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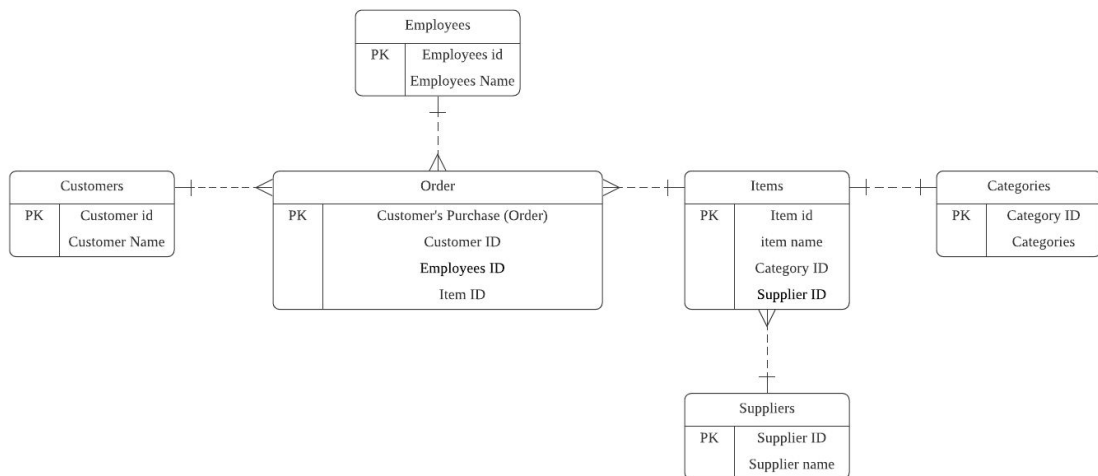
INFO 6210

Quiz 1

Q1:

Database ER diagram (crow's foot)

Yongji Shen | March 14, 2021



Q2:

```
JS Lab1-3.js > client.connect() callback
1  const MongoClient = require('mongodb').MongoClient;
2  const uri = "mongodb+srv://dbYS:11111@cluster0.frv14.mongodb.net/Lab1-Part3?retryWrites=true&w=majority";
3  const client = new MongoClient(uri, { useNewUrlParser: true, useUnifiedTopology: true });
4
5  var list = [
6      {TerritoryID: 4, TerritoryName: "Southwest",State:"Arizona"},
7      {TerritoryID: 4, TerritoryName: "Southwest",State:"California"},
8      {TerritoryID: 4, TerritoryName: "Southwest",State:"Guam"},
9      {TerritoryID: 4, TerritoryName: "Southwest",State:"New Mexico"},
10     {TerritoryID: 4, TerritoryName: "Southwest",State:"Texas"},
11 ];
12 client.connect(err => {
13     const collection = client.db("Quiz1")
14     collection.collection("SalesTerritory").insertMany(list,function (err,res){
15         if (err) throw err;
16         console.log("inserted");
17         client.close();
18     });
19 });
```

DOCUMENTS	5	TOTAL SIZE	436B	AVG. SIZE	87B
INDEXES	1	TOTAL SIZE	4.0KB	AVG. SIZE	4.0KB

Validation

RESET

 REFRESH

```
_id: ObjectId("604d0e8034728e7ceb0652b7")
TerritoryID: 4
TerritoryName: "Southwest"
State: "Texas"
```

DOCUMENTS	5	TOTAL SIZE	436B	AVG. SIZE	87B
INDEXES	1	TOTAL SIZE	4.0KB	AVG. SIZE	4.0KB

Validation

SAVE

☒ AUTO PREVIEW

Preview of Documents in the Collection

```
_id: ObjectId("604d0e8034728e7ceb0652b4")
TerritoryID: 4
TerritoryName: "Southwest"
State: "California"
```


+

Output after **\$lookup** stage ⓘ (Sample of 5 documents)

```
_id: ObjectId("604d0e8034728e7ceb0652b7")
TerritoryID: 4
TerritoryName: "Southwest"
State: "Texas"
TerritoryDocument: Array
```

ADD STAGE