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ONE TO MANY

1. MEMBUAT DATABASE

```
Command Prompt - mongo
> use pubgmobile
switched to db pubgmobile
```

Membuat database “pubgmobile”

2. MEMBUAT COLLECTIONS DIDALAM DATABASE “PUBGMOBILE”

```
Command Prompt - mongo
> show dbs
admin            0.000GB
buku             0.000GB
config           0.000GB
hutanrimbun      0.000GB
local            0.000GB
sepakbola        0.000GB
> use pubgmobile
switched to db pubgmobile
> db.agensi.insert({id_agensi:'123',nama_agensi:'persebaya',asal_agensi:'surabaya'})
WriteResult({ "nInserted" : 1 })
> db.pemain_sepakbola.insert({id_pemain_sepakbola:'17050',nama_pemain:'affan', asal:'surabaya'})
WriteResult({ "nInserted" : 1 })
> db.pemain_sepakbola.insert({id_pemain_sepakbola:'17050',nama_pemain:'affan', asal:'kediri'})
WriteResult({ "nInserted" : 1 })
```

3. MEMBUAT COLLECTIONS PENJUALAN PEMAIN DAN MEMBUAT RELASI

```
Command Prompt - mongo
> db.penjualan_pemain.insert({id_pemain_sepakbola:db.pemain_sepakbola.find()[0]._id,nama_pemain:'affan'})
WriteResult({ "nInserted" : 1 })
```

4. HASIL RELASI

```
Command Prompt - mongo
> db.agensi.find().pretty()
{
  "_id" : ObjectId("5c76af95aa778a2c8a7ac6d2"),
  "id_agensi" : "123",
  "nama_agensi" : "persebaya",
  "asal_agensi" : "surabaya"
}
> db.pemain_sepakbola.find().pretty()
{
  "_id" : ObjectId("5c76aff8aa778a2c8a7ac6d3"),
  "id_pemain_sepakbola" : "17050",
  "nama_pemain" : "affan",
  "asal" : "kediri"
}
```

MANY TO MANY

1. MEMBUAT DATABASE "RENTAL PS" DAN MEMBUAT COLLECTIONS ALAT PS

```
Command Prompt - mongo
hutanrimbun 0.000GB
local 0.000GB
pubgmobile 0.000GB
sepakbola 0.000GB
> use rentalps
switched to db rentalps
> db.alat.insert({merk:'sony', type:'ps3', console:'2player', game:'gtav'})
WriteResult({ "nInserted" : 1 })
> db.alat.find().pretty()
{
  "_id" : ObjectId("5c76bc81aa778a2c8a7ac6d5"),
  "merk" : "sony",
  "type" : "ps3",
  "console" : "2player",
  "game" : "gtav"
}
```

2. MEMBUAT COLLECTIONS PENYEWA

```
Command Prompt - mongo
> db.penyewa.insert({nama:'hutanrimbun', alamat:'sanhok',no_telp:'085623777888',durasi:'2jam'})
WriteResult({ "nInserted" : 1 })
> db.penyewa.find().pretty()
{
  "_id" : ObjectId("5c76bd68aa778a2c8a7ac6d6"),
  "nama" : "hutanrimbun",
  "alamat" : "sanhok",
  "no_telp" : "085623777888",
  "durasi" : "2jam"
}
```

3. MEMBUAT COLLECTIONS PENGAWAS

```
Command Prompt - mongo
> db.pengawas.insert({nama:'haha',alamat:'pocinki',no_telp:'081333444555',email:'rentalps@gmsil.com'})
WriteResult({ "nInserted" : 1 })
>
```

4. MEMBUAT RELASI DAN HASIL RELASI

```
Command Prompt - mongo
> db.alat.find().pretty()
{
  "_id" : ObjectId("5c76bc81aa778a2c8a7ac6d5"),
  "merk" : "sony",
  "type" : "ps3",
  "console" : "2player",
  "game" : "gtav"
}
> db.penyeewa.find().pretty()
{
  "_id" : ObjectId("5c76bd68aa778a2c8a7ac6d6"),
  "nama" : "hutanrimbun",
  "alamat" : "sanhok",
  "no_telp" : "085623777888",
  "durasi" : "2jam"
}
> db.pengawas.find().pretty()
{
  "_id" : ObjectId("5c76be2aaa778a2c8a7ac6d7"),
  "nama" : "haha",
  "alamat" : "pocinki",
  "no_telp" : "081333444555",
  "email" : "rentalps@gmsil.com"
}
> _
```