Online Electronics Store Management

Milestone: No SQL Implementation

Group – 6

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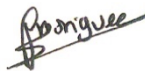rodrigues.san@northeastern.edu

Percentage of Effort Contributed by Neel Anap – 50 %

Percentage of Effort Contributed by Sanil Rodrigues – 50 %

Signature of Neel Anap –

Signature of Sanil Rodrigues –

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Mongo Db implementation

1. Find record where Category id =1

```
>_MONGOSH

> db.Category.find({Category_id : 1})
< { _id: ObjectId("638928eb8931c368d92dcf44"),
    Category_id: 1,
    Category_name: 'TV' }
EasyEl >
```

2. Find order amount greater than 4

```
>_MONGOSH

> db.Orders.find( { Order_amount: { $gt: 4 } } )
< { _id: ObjectId("638929408931c368d92dcf9e"),
    Order_id: 100000,
    Order_amount: 18,
    Order_date: 1995-01-10T00:00:00.000Z,
    Customer_id: 150 }
  { _id: ObjectId("638929408931c368d92dcf9f"),
    Order_id: 100001,
    Order_amount: 10,
    Order_date: 1982-10-23T00:00:00.000Z,
    Customer_id: 119 }
  { _id: ObjectId("638929408931c368d92dcfa0"),
    Order_id: 100003,
    Order_amount: 14,
    Order_date: 1971-11-04T00:00:00.000Z,
    Customer_id: 148 }
  { _id: ObjectId("638929408931c368d92dcfa3"),
    Order_id: 100007,
    Order_amount: 28,
    Order_date: 2010-03-07T00:00:00.000Z,
    Customer_id: 137 }
  { _id: ObjectId("638929408931c368d92dcfa4"),
    Order_id: 100008,
    Order_amount: 27,
    Order_date: 2000-03-25T00:00:00.000Z,
    Customer_id: 134 }
```

3. First two records where Admins have role of Frontend Developer.

```
>_MONGOSH

> db.Admins.find({Admin_role:'Frontend'}).limit(2)
< { _id: ObjectId("638928c88931c368d92dcf09"),
    Admin_id: 300,
    Admin_name: 'possimus',
    Admin_role: 'Frontend',
    Webpage_id: 204 }
  { _id: ObjectId("638928c88931c368d92dcf0a"),
    Admin_id: 301,
    Admin_name: 'eveniet',
    Admin_role: 'Frontend',
    Webpage_id: 233 }
EasyEl >
```

4. Customer ID and their respective Order Frequency

```
Databases                              +
> db.Orders.aggregate( [
    {
      $group: {
        _id: '$Customer_id',
        count: { $count: {} }
      }
    }
  ] )
< { _id: 144, count: 1 }
  { _id: 122, count: 1 }
  { _id: 101, count: 1 }
  { _id: 118, count: 1 }
  { _id: 100, count: 1 }
  { _id: 106, count: 1 }
  { _id: 114, count: 1 }
  { _id: 142, count: 1 }
  { _id: 147, count: 1 }
  { _id: 148, count: 1 }
  { _id: 146, count: 1 }
  { _id: 123, count: 1 }
  { _id: 134, count: 1 }
  { _id: 102, count: 1 }
  { _id: 143, count: 1 }
  { _id: 133, count: 1 }
  { _id: 119, count: 1 }
  { _id: 117, count: 1 }
```