02/04/20

Name: Prema Sunil Jadhav

Sap 1d: 60004220127

Batch: c2-2

Course: Big Data Infrastructure laboratory

course code: DJ19 CEEL6011

EXPERIMENT 09

AIM: Perform CRUD operations using MongoDB.

THEORY: Mongo DB is an open source document oriented database. The term 'NOSQL' means Non-relational. Mongo DB isn't based on the table like relational darabase structure but provides an different mechanism for storage and relation of data.
This format of storage is called BSON.

CRUD operations include weater, read, update and delete documents. Create operation: Add new document to a

db. user insect one

collection.

name: "prema",

age: 20, status: "pending"

(Sundaram)

FOR EDUCATIONAL USE

Read operations: letrière document from a collection. db. user. find (
db. user. find (
age: {\$gt:18}},
4
nome: 1,
adduss:1
3): Aunit (5)
The state of the perfect of the state of the
update operation: Modify existing documents in a collection.
db. user. update many (
1
age: { \$ 1 P } 9,
age: { \$ 1 p } }, \$ Set : { Starvs: "rejet"}
MORE CONTRACTOR DE SERVICIO CONTRACTOR DE SERVICIO CONTRACTOR DE SERVICIO DE S
Dut here the houses and water guest the
Delete operation: Remove documents in a
collection.
db. useus. delete Many Status: "reject" }
2 Status: "reject" 9
Charles of Talls
conclusion: Thus, we are performed and studied mongo DB and its operations.
studies Mongo DB and its operations.



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Academic Year: 2022-2023

Name:	Prerna Sunil Jadhav
Sap Id:	60004220127
Class:	T. Y. B. Tech (Computer Engineering)
Course:	Big Data Infrastructure Laboratory
Course Code:	DJ19CEEL6011
Experiment No.:	09

AIM: Perform CRUD operation on MongoDB









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```
Prerna Jadhav-60004220127 🧪
 NEW
                                                                                                                                                         RUN ▶
                                                                                                                                                                              :3
                                                                                                                          STDIN
                                                                                                                          Input for the program (Optional)
             Eid: 103,
Ename:"Sahil",
Eaddress: "Pune",
Emobile: 8765093214
                                                                                                                         Output:
9 v
10
11
12
13
14
15
]
             Eid: 104,
Ename: "Pranay",
Eaddress: "Bangalore",
Emobile: 74310982365
                                                                                                                                  "acknowledged" : true,
                                                                                                                                   "insertedIds" : [
                                                                                                                                            ObjectId("660d747739101f80b5dcd1
                                                                                                                                            ObjectId("660d747739101f80b5dcd1
                                                                                                                        4
```



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```
> db.Employee123.find();
     _id: ObjectId("66038dcac78b602ec9a44675"),
     Eid: 101,
     Ename: 'Akshay',
     Eaddress: 'Mumbai',
     Emobile: 1234567890
   }
     _id: ObjectId("66038dd8c78b602ec9a44676"),
     Eid: 102,
     Ename: 'Arvind',
     Eaddress: 'Mumbai',
     Emobile: 9870654321
   }
   {
     _id: ObjectId("66038e3dc78b602ec9a44677"),
     Eid: 103,
     Ename: 'Sahil',
     Eaddress: 'Pune',
     Emobile: 8765093214
   }
     _id: ObjectId("66038e3dc78b602ec9a44678"),
     Eid: 104,
     Ename: 'Pranay',
     Eaddress: 'Bangalore',
     Emobile: 74310982365
```



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```
> db.Employee123.find({ Eaddress: "Pune" });

< {
    _id: ObjectId("66038e3dc78b602ec9a44677"),
    Eid: 103,
    Ename: 'Sahil',
    Eaddress: 'Pune',
    Emobile: 8765093214
}</pre>
```



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```
> db.Employee123.find({ Esalary: { $gt: 150000 } });
< {
     _id: ObjectId("66038dcac78b602ec9a44675"),
     Eid: 101,
     Ename: 'Akshay',
     Eaddress: 'Mumbai',
     Emobile: 1234567890,
     Esalary: 250000
   }
   {
     _id: ObjectId("66038dd8c78b602ec9a44676"),
     Eid: 102,
     Ename: 'Arvind',
     Eaddress: 'Mumbai',
     Emobile: 9870654321,
     Esalary: 250000
```