

Task-9

CRUD operations in Document databases

Perform Mongoose using npm design on Mongo DB designing document database and performing CRUD operations

AIM

To perform Mongoose using npm design on Mongo DB designing document database and performing CRUD operations like creating, inserting, querying, finding, removing Duplicates

Steps

1. install MongoDB using following link <https://www.mongodb.com/btry/download/community>
2. install Mongo sh using the below link <https://www.mongodb.com/docs/mongodb-shell>
3. To add the MongoDB shell binary's location to your path environment variable;

Open the control panel

In the System and security category click system

click Advanced System setting. The system properties modal displays "click Environment variables.

4. open mongo shell v.0 from c:\program files\mongo.db\server\1b in mongod.exe
5. Type the CRUD (CREATE, READ, UPDATE, DELETE) COMMAND GIVEN IN Text File

CRUD operations

db.createCollection("my lab 3")

{ 'ok': 1 }

> db.mylab3.insertOne({ item: "canvas", q+v: 100, tags: ["cotton"], size: { h: 28, w: 35.5, uom: "cm" },

{ "acknowledged": true,

"inserted id": ObjectId("627d13acc73990c074c6397c") })

> db.mylab3.find({ item: "canvas" })

{ "_id": ObjectId("627d13acc73990c074c6397c"), "item":

"canvas", "q+v": 100, "tags": ["cotton"],

"size": { "h": 28, "w": 35.5, "uom": "cm" } }

>

db.mylab3.insertMany([{ item: "journal", q+v: 25, tags: ["blank", "red"], size: { h: 14, w: 28, uom: "cm" } }, { item: "mat", q+v: 85, tags: ["grass"], size: { h: 27.9, w: 35.5, uom: "cm" } }])

"q+v": 100

}

{ "_id": objectId("627d1598c73990c074e639780"), "item": "journal",

"q+v": 25

}

{ "_id": objectId("627d1598c73990c074e639780"), "item": "mat",
"q+v": 35 }

{ "_id": objectId("627d1598c73990c074e639780"),

"item": "mouse pad",

"q+v": 100,

"tags": [

"cotton"

],

"size":

"h": 28

"w": 35-5,

"uom": "cm" } }

> db.myLab3.deleteOne({item: "Journal"});

> db.myLab3.find({ }, {items: 1, q+y: 1}).pretty();

• "q+r": 100

}
}

"_id": object + id("627d1598c73990c070e6377d"),

"item": "journal"

"q+r": 25

}

{"_id": object + id("627d1598c73990c070e6397e")}

"item": "mat", "q+r": 85}

{
 "_id": object + id("627d1598c73990c070e6397f")

"item": "mouse pad",

"q+r": 25

},

TECH - CSE	
PERFORMANCE (5)	
RESULT AND ANALYSIS (3)	
VIVA VOCE (3)	
RECORD (4)	
TOTAL (15)	
SIGN WITH DATE	

Result

Thus CRUD using MPM design on MongoDB
designing document database