

Task 10:- CRUD operation In Document Database

14/10/25

Aim

To perform mangoos using NPM design on MongoDB

Step

Step 1) Install MongoDB

Step 2) Install 'mongoose' on local (download)

Step 3) To add the MongoDB shell binary location

Step 4) open MongoDB shell 4.0

CRUD operation

1. Create Database

db. console collection ("Products")
{ "ok" : 1 }

2. Insert one products

db. products . insert one ({ name: "laptop",
Price: 85000,
category: "Electronics", stock: 25 })

output

{
 "acknowledged" : true
 "insertedId" : ObjectId("62a1b3acc")
}

3. Find one product (Read)

db. product . find ({ name: "laptop" })

output

{
 "_id" : ObjectId("62a1b3acc")
 "name" : "laptop",
 "Price" : 85000
}

"category": "Electronics",

"stock": 25

}

5) display selected field

db.products.find({ "name": "laptop",
Price: 8500 "stock": 25 }

o/p

{ "id": ObjectId("62a1b3a1c"), "name": "laptop", "price":
"8500" }

{ "id": ObjectId("62a1b3a1c"), "name": "Smartphone", "price": 2500 }

Final display

db.products.find({ "name": 1, "price": 1, "stock": 1 })

o/p

{ "id": ObjectId("62a1b3a1c"), "name": "laptop", "price": 8500 }

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Result

Thus implementation of CRUD operation
using MongoDB is executed successfully