

17/10/21 Task - go

CROD operations in document databases

Aim: To perform CROD (Create, Read, update, delete) operations mongoose on mongoDB document database

→ Node.js installed

→ mongo DB installed locally or use mongod

Atlas

→ NPM package.

Steps: Initialize a Node.js project

mongoose-crud.

cd mongoose-crud

npm init -y

npm install mongoose

Step 2: connect to mongoDB

const mongoose = require('mongoose');
mongoose.connect('mongodb://127.0.0.1:27017/student')

useNewUrlParser = true;

useUnifiedTopology = true;

* then(s) => console.log('MongoDB connected successfully: ', s)

* catch(err) => console.log(err);

Steps: Create a schema & model

const studentSchema = new mongoose

schema {

name: string,

age: number,

course: string,

grade: string,

4) const student = mongoose.model('student', studentSchema);

A value
Identify the
Falsifying
Proposition
Show the
Measur
be

steps: perform two?

```
anyone function create student like  
const student = new Student({  
    name: "Suzanne Ward",  
    age: 21,  
    course: "computer science",  
    grade: "A"
```

```
371 const result = await student.create();
console.log(`Student created: ${result}`);
```

```
y
async function getStudents () {
    const student () = await student -> load ();
    console -> log ('All student', student);
}
```

const student zweit student find (Lgrade: 63)

updated doc

~~update doc~~
asyn function update student (id){
const student = await student.findById
d and update()

id.

E grade: 'a' 1

Even truly

3

```
});  
console.log('updated sheet', student);
```

۶

~~delete~~ function delete student(id){
 // logic to delete student

count result = await studentInfo.
By

Id and delete (id1,

```
    console.log(`Deleted student: ${result}`);
```

A value proposition identifies the value proposition shows measurable benefits.

node app.js

Output

student created : {

- id : 61d2e6e62af95f6dcbab(23)

name : Rishabhsharma

age = 21

course : computer science,

grade = "A"

uv = 0,

}

All students : [

{ - id : ... , name : "Rishabhsharma",

course : "computer science", grade : "A" }

} update student : { -- grade : "A" }

delete student : { -- }

10
5
3
15
20

Result: The Implemented of CRUD operation
like creating, inserting, finding and deleting
operation using mongoDB is executed

successfully

A value
Falsifying Proposition
Show means
between