

Connection String changes my my cluster

```
JS db.js  JS cars.js  {} package.json
config > JS db.js > ConnectionString
1  require('dotenv').config()
2  const mongoose = require('mongoose');
3
4  let connectionString = "mongodb+srv://dbuser:<School1>@cluster0.7yuxmnz.mongodb.net/?appName=Cluster0"
5
6  const clientOptions = { serverApi: { version: '1', strict: true, deprecationErrors: true } };
7
8  module.exports = async function () {
9    try {
10      // Create a Mongoose client with a MongoClientOptions object to set the Stable API version
11      await mongoose.connect(connectionString, clientOptions);
12      await mongoose.connection.db.admin().command({ ping: 1 });
```

Finally connected to MongoDB after troubleshooting

```
PS C:\Users\admin\Documents\Github\COMP229001_W2026_Midterm_301514904> npm audit
Severity: high
qs's arrayLimit bypass in its bracket notation allows DoS via memory exhaustion - https://github.com/advisories/GHSA-6rw7-vpxm-498p
qs's arrayLimit bypass in comma parsing allows denial of service - https://github.com/advisories/GHSA-w7fw-mjwx-w883
fix available via `npm audit fix`
node_modules/qs

2 vulnerabilities (1 moderate, 1 high)

To address all issues, run:
  npm audit fix
PS C:\Users\admin\Documents\Github\COMP229001_W2026_Midterm_301514904> npm audit fix

changed 3 packages, and audited 105 packages in 1s

20 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
PS C:\Users\admin\Documents\Github\COMP229001_W2026_Midterm_301514904> node server.js
[dotenv@17.2.3] injecting env (0) from .env -- tip: ✂ run anywhere with `dotenvx run -- yourcommand`
Server running at http://localhost:3000/
==== Backend successfully connected to MongoDB!
█
```

POSTMAN tests

Get cars

GET Get data

No environment

New Cha

My Colle... / Get data

Save

Share

GET

http://localhost:3000/api/cars

Send

Params

Cookies

Query Params

	Key	Value	D...	Bulk Edit
--	-----	-------	------	-----------

Body

200

{ } JSON

```
1 {
2   "success": true,
3   "message": "Car list retrieved successfully.",
4   "data": [
5     {
6       "make": "Toyota",
7       "model": "Highlander v2",
8       "year": 2022,
9       "price": 30000,
10      "created": "2026-02-27T18:44:10.813Z",
11      "updated": "2026-02-27T18:54:43.343Z",
12      "id": "69a1e5fadaf7e7a654080046"
13    },
14    {
15      "make": "Toyota",
16      "model": "RAV4",
17      "year": 2021,
```

Run all tes

Generate

Create a r

GET Get

Describe

Au

Delete

DELETE

http://localhost:3000/api/cars/t...

Send

Params

	Key	Value	D...	Bulk Edit
	Key	Value	Description	

Cookies

Body

500

{}

JSON

```
1 {
2   "success": false,
3   "message": "Car not deleted. Are you sure it
4             exists?"
}
```