# Fswd Assignment -3

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## server.js

```
import express from 'express';

import mongoose from 'mongoose';

import bodyParser from 'body-parser';


const app = express();

const PORT = process.env.PORT || 3000;


// MongoDB Connection

mongoose.connect('mongodb://localhost:27017', {

  useNewUrlParser: true,

  useUnifiedTopology: true,

});

const db = mongoose.connection;

db.on('error', console.error.bind(console, 'MongoDB connection error:'));

db.once('open', () => {

  console.log('Connected to MongoDB');

});


// MongoDB Schema

const caseSchema = new mongoose.Schema({

  name: String,
```

```
    priority: String,
});


const Case = mongoose.model('Case', caseSchema);


app.use(bodyParser.json());


// Service 1: Retrieve all cases
app.get('/api/cases', async (req, res) => {
  try {
    const cases = await Case.find();
    res.json(cases);
  } catch (error) {
    console.error(error);
    res.status(500).json({ error: 'Internal Server Error' });
  }
});


// Service 2: Add a new case
app.post('/api/cases', async (req, res) => {
  try {
    const { name, priority } = req.body;
    const newCase = new Case({ name, priority });
    await newCase.save();
    res.json(newCase);
  } catch (error) {
```

```
        console.error(error);

        res.status(500).json({ error: 'Internal Server Error' });

    }

});


app.listen(PORT, () => {

    console.log(`Server is running on port ${PORT}`);

});
```

Connected to MongoDB

Server is running on port 3000

## Output:

```
1  [
2      {
3          "_id": "657da19eb456b28468ba47f5",
4          "name": "sameer shaik",
5          "__v": 0
6      }
7  ]
```

POST ∨    http://localhost:3000/api/cases

Params    Authorization    Headers (8)    Body •    Pre-request Script    Tests    Settings

◉ none    ○ form-data    ○ x-www-form-urlencoded    ◉ raw    ○ binary    ○ GraphQL    JSON ∨

```
1  {
2      "name": "sameer shaik",
3      "age": 25
4  }
```

Body    Cookies    Headers (7)    Test Results

Pretty    Raw    Preview    Visualize    JSON ∨

```
1  {
2      "name": "sameer shaik",
3      "_id": "657da19eb456b28468ba47f5",
4      "__v": 0
5  }
```

localhost:27017    ···    📁 Documents    ＋
                        test.datas

{} My Queries
🗃 Databases    ↻ ＋

Search

▸ 🗃 admin
▸ 🗃 config
▸ 🗃 local
▾ 🗃 test
    📁 datas    ···

### test.datas

Documents    Aggregations    Schema    Indexes    Validation

Filter⬚ 🕐 ∨    Type a query: { field: 'value' } or Generate query ✦

⊕ ADD DATA ∨    ⬈ EXPORT DATA ∨

```
_id: ObjectId('657c9c1601c5a32b7ab94b2e')
name: "sameer shaik"
age: 25
__v: 0
```

```
_id: ObjectId('657c9d16f2dff4d0770cff7a')
name: "sameer shaik"
age: 25
__v: 0
```