

Node.js & Express & MongoDB

3. Make a post request

a. create a form with action and method attributes, and inputs must have a name attribute:

```
<form action="/all-articles" method="post">
  <label for="title">Article title:</label>
  <input type="text" id="title" name="title" required>

  <label for="summary">Article summary:</label>
  <input type="text" id="summary" name="summary" required>

  <label for="body">Article body:</label>
  <textarea id="body" name="body" required></textarea>

  <button class="create">Create</button>
</form>
```

b. Add this line in app.js :

```
app.use(express.urlencoded({ extended: true }));
```

c. Defining your schema and Creating a model :

Create a folder called "models" and inside it create a file;
for example articleSchema.js

```
import mongoose from 'mongoose';
const { Schema } = mongoose;

// define the Schema (the structure of the article)
const blogSchema = new Schema({
  title: String, // String is shorthand for {type: String}
  author: String,
  body: String,
  comments: [{ body: String, date: Date }],
  date: { type: Date, default: Date.now },
  hidden: Boolean,
  meta: {
    votes: Number,
    favs: Number
  }
});

// Create a model based on that schema
const Article = mongoose.model("Article", articleSchema);

// export the model
module.exports = Article;
```

Source : <https://mongoosejs.com/docs/documents.html#updating-using-save>

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d. Create a Post request in app.js using **.save()**

```
const Article = require("../models/articleSchema");

app.post("/all-articles", (req, res) => {
  const article = new Article(req.body);

  article
    .save()
    .then( result => {
      res.redirect("/");
    })
    .catch( err => {
      console.log(err);
    });
});
```

OR Create a Post request in app.js using **Model.create()**

```
const Article = require("../models/articleSchema");

app.post("/all-articles", (req, res) => {
  Article
    .create(req.body)
    .then( result => {
      res.redirect("/");
    })
    .catch( err => {
      console.log(err);
    });
});
```

Source : <https://mongoosejs.com/docs/documents.html#updating-using-save>