

➔ image upload in folder (multer)

Import method override ➔

```
//point 1--> let multer = require('multer');
```

use with form tag ➔ **//point 2--> enctype="multipart/form-data With form tag like Example**

```
<form method="post" action="/add-image" enctype="multipart/form-data">
```

middleware ➔ **//point 3--> multer storage setting**

```
let storage = multer.diskStorage({  
  destination: 'public/images/',  
  filename: (req, file, cb) => {  
    //cb(null, Date.now() + file.originalname) // file name setting with current -date  
    cb(null, file.originalname) // file name setting with original name  
  }  
})
```

//point 4--> create upload method setting & image validation

```
let upload = multer({  
  storage: storage,  
  // here image validation  
  fileFilter: (req, file, cb) => {  
    if (file.mimetype == "image/jpeg" || file.mimetype == "image/jpg" || file.mimetype ==  
      "image/png") {  
      cb(null, true)  
    }  
    else {  
      cb(null, false)  
      return cb(new Error('Only Jpg, png, jpeg, allow'))  
    }  
  })  
})
```

//point 5--> use upload method with router for example

```
let upload = multer({app.post('/add-image', upload.single('single_image'), (req, res) => {  
  
    req.file.filename  
  
    //res.send(req.file)  
  
}})
```

➔ Example of upload single image

Index.js

```
let express = require('express');  
let mongoose = require('mongoose');  
//point 1--> multer import  
let multer = require('multer');  
  
let session = require('express-session');  
let flash = require('connect-flash')  
  
  
let app = express();  
app.set('view engine', 'ejs')  
app.use(express.static(__dirname + '/public/'))  
  
app.use(session({  
    secret: 'nodejs',  
    resave: true,  
    saveUninitialized: true  
})))  
app.use(flash())  
  
app.use((req, res, next) => {  
    res.locals.sucess = req.flash('sucess')  
    res.locals.err = req.flash('err')  
    next()  
})  
  
mongoose.connect('mongodb://localhost:27017/testingdb')  
let myschema = mongoose.Schema({  
    single_image: String  
})  
let mymodel = mongoose.model('table', myschema)
```

```

//point 2--> multer sorage setting
let storage = multer.diskStorage({
  destination: 'public/images/',
  filename: (req, file, cb) => {
    cb(null, Date.now() + file.originalname) // file name setting with current -date
  }
})

//point 3--> upload setting & image validation
let upload = multer({
  storage: storage,
  // here image validation
  fileFilter: (req, file, cb) => {
    if (file.mimetype == "image/jpeg" || file.mimetype == "image/jpg" || file.mimetype ==
"image/png") {
      cb(null, true)
    }
    else {
      cb(null, false)
      return cb(new Error('Only Jpg, png, jpeg, allow'))
    }
  }
})

app.get('/', (req, res) => {
  mymodel.find({})
  .then((x)=>{
    res.render('index', {x})
  })
  .catch((y)=>{
    console.log(y)
  })
})

app.get('/add-image', (req, res) => {
  res.render('image-upload-file')
})

app.post('/add-image', upload.single('single_image'), (req, res) => {
  req.file.filename
  //res.send(req.file)
  let data = {
    single_image: req.file.filename
  }
  mymodel.create(data)
  .then((x) => {
    req.flash('sucess', 'Your Image uploaded Sucessfully on data base')
    res.redirect('/')
  }).catch((y) => {
    console.log(y)
  })
})

```

```

    })
  })

app.listen(2000, () => {
  console.log('2000 Port Working')
})

```

image-upload-file.ejs

```

<form method="post" action="/add-image" enctype="multipart/form-data">
  <input type="file" class="form-control" name="single_image"><br><br>
  <button>Submit</button>
</form>

```

index.ejs

```

<%if(sucess && sucess != ''){%>
  <div class="alert alert-success" role="alert">      <%= sucess%>    </div>
<%}else if(err && err != ''){%>
  <div class="alert alert-danger" role="alert">      <%= err%>      <}%}%>

<a href="/add-image">Add or Upload Images</a><br><br>

<%x.forEach((y)=>{%>
  
  <}%})%>

```