













CRUD Express Mongo y Ejs

CI

Nombres

Apellidos

Insertar

CI	Nombres	Apellidos	
123456	Ana	Gomez	 
223344	Jorge	Chavez	 
112255	Abel	Lopez	 
224466	Carlos	Mercado	 
777777	Marcelo	Moscoso	 

```
C:\WINDOWS\system32\cmd.exe

D:\marcelomos\laboratorios>mkdir crud-express-ejs-mongo
D:\marcelomos\laboratorios>cd crud-express-ejs-mongo
D:\marcelomos\laboratorios\crud-express-ejs-mongo>npm init --yes
Wrote to D:\marcelomos\laboratorios\crud-express-ejs-mongo\package.json:

{
  "name": "crud-express-ejs-mongo",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}
```

```
C:\WINDOWS\system32\cmd.exe

D:\marcelomos\laboratorios\crud-express-ejs-mongo>npm i express ejs mongoose morgan
npm notice created a lockfile as package-lock.json. You should commit this file.
npm WARN crud-express-ejs-mongo@1.0.0 No description
npm WARN crud-express-ejs-mongo@1.0.0 No repository field.

+ morgan@1.9.1
+ express@4.16.4
+ mongoose@5.4.20
+ ejs@2.6.1
added 73 packages from 50 contributors and audited 169 packages in 8.324s
found 0 vulnerabilities

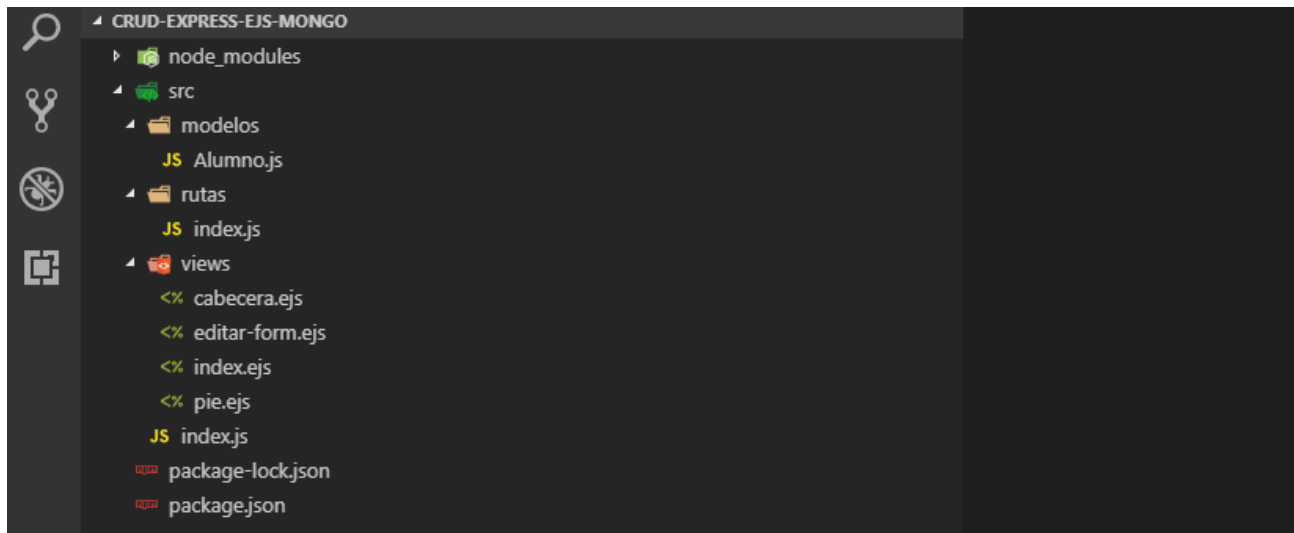
D:\marcelomos\laboratorios\crud-express-ejs-mongo>mkdir src

D:\marcelomos\laboratorios\crud-express-ejs-mongo>code .

D:\marcelomos\laboratorios\crud-express-ejs-mongo>
```

/package.json

```
{
  "name": "crud-express-ejs-mongo",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1",
    "start": "node src/."
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "dependencies": {
    "ejs": "^2.6.1",
    "express": "^4.16.4",
    "mongoose": "^5.4.20",
    "morgan": "^1.9.1"
  }
}
```



/src/index.js

```
const express = require('express');
const path = require('path');
const mongoose = require('mongoose');

const app = express();

// connection to db
mongoose.connect('mongodb://localhost/cognosdb')
  .then(db => console.log('db connected'))
  .catch(err => console.log(err));

// settings
app.set('port', process.env.PORT || 3000);
app.set('views', path.join(__dirname, 'views'));
app.set('view engine', 'ejs');

// middlewares
app.use(express.urlencoded({extended: false}));
app.use(express.json());

// routes
app.use(require('./rutas/index'));

//server
app.listen(app.get('port'), () => {
  console.log(`server on port ${app.get('port')}`);
});
```



/src/rutas/index.js

```
const express = require('express');
const router = express.Router();
const Alumno = require('../modelos/Alumno');

router.get('/', async (req, res) => {
  const alumnos = await Alumno.find();
  res.render('index', { alumnos });
});

router.post('/insertar', async (req, res, next) => {
  const {ci,nombres,apellidos} = req.body;
  const alumno = new Alumno({ci,nombres,apellidos});
  await alumno.save();
  res.redirect('/');
});

router.get('/editar/:ci', async (req, res, next) => {
  const {ci} = req.params;
  const result = await Alumno.find({ci});
  res.render('editar-form', { alumno: result[0] });
});

router.post('/editar/:ci', async (req, res, next) => {
  const {ci} = req.params;
  const {nombres,apellidos} = req.body;
  await Alumno.update({ ci }, {nombres,apellidos});
  res.redirect('/');
});

router.get('/eliminar/:ci', async (req, res, next) => {
  const {ci} = req.params;
  await Alumno.findOneAndDelete({ci})
  res.redirect('/');
});

module.exports = router;
```

/src/modelos/Alumno.js

```
const mongoose = require('mongoose');
const Schema = mongoose.Schema;

const AlumnosSchema = Schema({
  ci: Number,
  nombres: String,
  apellidos: String
});

module.exports = mongoose.model('Alumnos', AlumnosSchema);
```



/src/views/cabecera.ejs

```
<!DOCTYPE html>
<html>

<head>
  <meta charset="utf-8">
  <title>CRUD Express mongo ejs</title>

  <link rel="stylesheet" href="https://stackpath.bootstra-
pcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
    integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">

  <link rel="stylesheet" href="https://use.fontawesome.com/relea-
ses/v5.8.1/css/all.css"
    integrity="sha384-50oBUHEmvpQ+1lW4y57PTFmhCaXp0ML5d60M1M7uH2+nqUivzIebhn-
d0JK28anvf" crossorigin="anonymous">

  <style>
    body {
      background: #E0EAF3;
      /* fallback for old browsers */
      background: -webkit-linear-gradient(to right, #CFDEF3, #E0EAF3);
      /* Chrome 10-25, Safari 5.1-6 */
      background: linear-gradient(to right, #CFDEF3, #E0EAF3);
      /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */
    }
  </style>
</head>

<body>
  <nav class="navbar navbar-dark bg-dark mb-4">
    <a class="navbar-brand" href="#">CRUD Express Mongo y Ejs</a>
  </nav>
```

/src/views/pie.js

```
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz00rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js" integrity="sha384-U02eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy60rQ6VrjIEaFf/njGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>
</body>
</html>
```

/src/views/index.ejs

```
<% include cabecera %>

<div class="container">
  <div class="row">
    <!--FORM-->
    <div class="col-md-5">
      <div class="card">
        <div class="card-body">
          <form action="/insertar" method="post">
            <div class="form-group">
              <input class="form-control" type="text" name="ci" placeholder="CI">
            </div>
            <div class="form-group">
              <input class="form-control" type="text" name="nombres" placeholder="Nombres">
            </div>
            <div class="form-group">
              <input class="form-control" type="text" name="apellidos" placeholder="Apellidos">
            </div>
          </form>
        </div>
      </div>
    </div>
  </div>
</div>
```




```
        </div>
        <button class="btn btn-primary btn-block" type="submit">
            Insertar
        </button>
    </form>
</div>
</div>
</div>
</div>

<div class="col-md-7">
    <table class="table table-bordered table-hover">
        <thead class="thead-dark">
            <tr>
                <th>CI</th><th>Nombres</th><th>Apellidos</th>
                <th></th>
            </tr>
        </thead>
        <tbody>
            <% alumnos.forEach((alumno)=>{ %> <tr>
                <td><%= alumno.ci %></td>
                <td><%= alumno.nombres %></td>
                <td><%= alumno.apellidos %></td>
                <td>
                    <a href="/editar/<%= alumno.ci %>" class="btn btn-success">
                        <i class="fas fa-edit"></i>
                    </a>
                    <a href="/eliminar/<%= alumno.ci %>" onclick="return con-
firm('Eliminar alumno ?')" class="btn btn-danger">
                        <i class="fas fa-trash-alt"></i>
                    </a>
                </td>
            </tr>
            <%})%>
        </tbody>
    </table>
</div>
</div>
</div>

<% include pie %>
```

/src/views/editar-form.ejs

```
<% include cabecera %>

<div class="container">
  <div class="row">
    <div class="col-md-5 offset-md-3">
      <div class="card">
        <div class="card-body">
          <form action="/editar/<%= alumno.ci %>" method="post">
            <div class="form-group">
              <input class="form-control" type="text" name="ci" value="<%=
alumno.ci %>" placeholder="CI" readonly>
            </div>
            <div class="form-group">
              <input class="form-control" type="text" name="nombres" value="<%=
alumno.nombres %>" placeholder="Nombres">
            </div>
            <div class="form-group">
              <input class="form-control" type="text" name="apellidos" va-
lue="<%= alumno.apellidos %>" placeholder="Apellidos">
            </div>
            <div class="d-flex">
              <button class="btn btn-success" type="submit">
                Actualizar
              </button>
              <a href="/" class="btn btn-info ml-2">Cancelar</a>
            </div>
          </form>
        </div>
      </div>
    </div>
  </div>
</div>

<% include pie %>
```