

Server.js

```
require('./models/db');

const express = require('express');

const path = require('path');

const exphbs = require('express-handlebars');

const bodyparser = require('body-parser');

const employeeController = require('./controllers/employeeController');

var app = express();

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

app.use(bodyparser.json());

app.set('views', path.join(__dirname, '/views/'));

app.engine('hbs', exphbs({ extname: 'hbs', defaultLayout: 'mainLayout', layoutsDir: __dirname +
'/views/layouts/' }));

app.set('view engine', 'hbs');

app.listen(3000, () => {
  console.log('Express server started at port : 3000');
});

app.use('/employee', employeeController);
```

db.js

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

mongoose.connect('mongodb://localhost:27017/EmployeeDB', { useNewUrlParser: true }, (err) => {
  if (!err) { console.log('MongoDB Connection Succeeded.') }
  else { console.log('Error in DB connection : ' + err) }
});

require('./employee.model');
```

employee.model.js

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

var employeeSchema = new mongoose.Schema({
  fullName: {
    type: String,
    required: 'This field is required.'
  },
  email: {
    type: String
  },
  mobile: {
    type: String
  },
  city: {
    type: String
  }
});

// Custom validation for email
employeeSchema.path('email').validate((val) => {
  emailRegex = /^(^<>()\[\]\.\,\;\s@"]+\.[^<>()\[\]\.\,\;\s@"+]*)|(".+")@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\)|((\[[a-zA-Z\0-9]+\.\.)+[a-zA-Z]{2,}))$)/;
  return emailRegex.test(val);
}, 'Invalid e-mail.');
```

```
mongoose.model('Employee', employeeSchema);
```

mainlayouts.hbs

```
<!DOCTYPE html>

<html>

<head>

  <title>Node.js express mongDB CRUD</title>
```

```

    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
integrity="sha384-
MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"

    crossorigin="anonymous">

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-
awesome.min.css">

</head>

<body class="bg-info">

    <div class="row">

        <div class="col-md-6 offset-md-3" style="background-color: #fff;margin-top:
25px;padding:20px;">

            {{{body}}}

        </div>

    </div>

</body>

</html>

```

addOrEdit.hbs

```

<h3>{{viewTitle}}</h3>

<form action="/employee" method="POST" autocomplete="off">

    <input type="hidden" name="_id" value="{{employee._id}}">

    <div class="form-group">

        <label>Full Name</label>

        <input type="text" class="form-control" name="fullName" placeholder="Full Name"
value="{{employee.fullName}}">

        <div class="text-danger">

            {{employee.fullNameError}}</div>

        </div>

    <div class="form-group">

        <label>Email</label>

        <input type="text" class="form-control" name="email" placeholder="Email"
value="{{employee.email}}">

```

```
<div class="text-danger">
    {{employee.emailError}}</div>
</div>
<div class="form-row">
    <div class="form-group col-md-6">
        <label>Mobile</label>
        <input type="text" class="form-control" name="mobile" placeholder="Mobile"
value="{{employee.mobile}}">
    </div>
    <div class="form-group col-md-6">
        <label>City</label>
        <input type="text" class="form-control" name="city" placeholder="City"
value="{{employee.city}}">
    </div>
</div>
<div class="form-group">
    <button type="submit" class="btn btn-info"><i class="fa fa-database"></i> Submit</button>
    <a class="btn btn-secondary" href="/employee/list"><i class="fa fa-list-alt"></i> View All</a>
</div>
</form>
```



