Assignment: CRUD Bootstrap + Express + Mysql

# App.js

const path = require('path');

const express = require('express'); const ejs = require('ejs');

const bodyParser = require('body-parser'); const mysql = require('mysql');

const app = express();

const connection=mysql.createConnection({ host:'localhost',

user:'root', password:'Jeelparmar123', database:'crudmysql'

});

connection.connect(function(error){ if(!!error) console.log(error);

else console.log('Database Connected!');

});

//set views file

app.set('views',path.join( dirname,'views'));

//set view engine app.set('view engine', 'ejs'); app.use(bodyParser.json());

app.use(bodyParser.urlencoded({ extended: false }));

app.get('/',(req, res) => {

let sql = "SELECT \* FROM university";

let query = connection.query(sql, (err, rows) => { if(err) throw err;

res.render('user\_index', {

title : 'CRUD Operation using ExpressJS MySQL', users : rows

});

});

});

app.get('/add',(req, res) => {

res.render('user\_add', {

title : 'CRUD Operation using ExpressJS MySQL'

});

});

app.post('/save',(req, res) => {

let data = {cid: req.body.cid, cname: req.body.cname, dname: req.body.dnam e, iname: req.body.iname, uname: req.body.uname};

let sql = "INSERT INTO university SET ?";

let query = connection.query(sql, data,(err, results) => { if(err) throw err;

res.redirect('/');

});

});

app.get('/edit/:userId',(req, res) => { const userId = req.params.userId;

let sql = `Select \* from university where id = ${userId}`; let query = connection.query(sql,(err, result) => {

if(err) throw err; res.render('user\_edit', {

title : 'CRUD Operation using ExpressJS MySQL', user : result[0]

});

});

});

app.post('/update',(req, res) => { const userId = req.body.id;

let sql = "update university SET cid='"+req.body.cid+"', cname='"+req.body

.cname+"', dname='"+req.body.dname+"', iname='"+req.body.iname+"', uname='"+r eq.body.uname+"' where id ="+userId;

let query = connection.query(sql,(err, results) => { if(err) throw err;

res.redirect('/');

});

});

app.get('/delete/:userId',(req, res) => { const userId = req.params.userId;

let sql = `DELETE from university where id = ${userId}`; let query = connection.query(sql,(err, result) => {

if(err) throw err; res.redirect('/');

});

});

// Server Listening app.listen(3030, () => {

console.log('Server is running at port 3030');

});

## Index.ejs

<!DOCTYPE html>

<html lang="en">

<head>

<title><%= title %></title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1

/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.j s"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/pop per.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.mi n.js"></script>

</head>

<body>

<div class="container">

<h2><%= title %></h2>

<a href="/add" class="btn btn-sm btn-primary">Add Course</a><br/><br/>

<table class="table table-dark table-striped">

<thead>

<tr>

<th>Course id</th>

<th>Course name</th>

<th>Department name</th>

<th>Institute name</th>

<th>University name</th>

</tr>

</thead>

<tbody>

<% users.forEach(function(university){ %>

<tr>

<td><%= university.cid %></td>

<td><%= university.cname %></td>

<td><%= university.dname %></td>

<td><%= university.iname %></td>

<td><%= university.uname %></td>

<td>

<a href="edit/<%= university.id %>" class="btn btn-sm btn-

primary">Edit</a>

<a href="delete/<%= university.id %>" class="btn btn- sm btn-danger">Delete</a>

</td>

</tr>

<% }); %>

</tbody>

</table>

</div>

</body>

</html>

Add.ejs

<!DOCTYPE html>

<html lang="en">

<head>

<title><%= title %></title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1

/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.j s"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/pop per.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.mi n.js"></script>

</head>

<body>

<div class="container">

<h2><%= title %></h2>

<form action="/save" method="post">

<div class="form-group">

<label for="cid">Course id:</label>

<input type="text" class="form-

control" id="cid" placeholder="Enter Course id" name="cid" required>

</div>

<div class="form-group">

<label for="cname">Course name:</label>

<input type="text" class="form-

control" id="cname" placeholder="Enter Course name" name="cname" required>

</div>

<div class="form-group">

<label for="dname">department name:</label>

<input type="text" class="form-

control" id="dname" placeholder="Enter department name" name="dname" required>

</div>

<div class="form-group">

<label for="iname">Institute name:</label>

<input type="text" class="form-

control" id="iname" placeholder="Enter Institute name" name="iname" required>

</div>

<div class="form-group">

<label for="uname">University name:</label>

<input type="text" class="form-

control" id="uname" placeholder="Enter University name" name="uname" required>

</div>

<button type="submit" class="btn btn-primary">Submit</button>

</form>

</div>

</body>

</html>

Edit.ejs

<!DOCTYPE html>

<html lang="en">

<head>

<title><%= title %></title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1

/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.j s"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/pop per.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.mi n.js"></script>

</head>

<body>

<div class="container">

<h2><%= title %></h2>

<form action="/update" method="post">

<input type="hidden" value="<%= user.id %>" name="id">

<div class="form-group">

<label for="cid">Course ID</label>

<input type="text" class="form-

control" id="cid" placeholder="Enter Course ID" value="<%= user.cid %>" name=" cid" required>

</div>

<div class="form-group">

<label for="cname">Course name:</label>

<input type="text" class="form-

control" id="cname" placeholder="Enter Course id" value="<%= user.cname %>" na me="cname" required>

</div>

<div class="form-group">

<label for="dname">department name:</label>

<input type="text" class="form-

control" id="dname" placeholder="Enter Course name" value="<%= user.dname %>" name="dname" required>

</div>

<div class="form-group">

<label for="iname">Institute name:</label>

<input type="text" class="form-

control" id="iname" placeholder="Enter department name" value="<%= user.iname

%>" name="iname" required>

</div>

<div class="form-group">

<label for="uname">University name:</label>

<input type="text" class="form-

control" id="uname" placeholder="Enter University name" value="<%= user.uname

%>" name="uname" required>

</div>

<button type="submit" class="btn btn-primary">Submit</button>

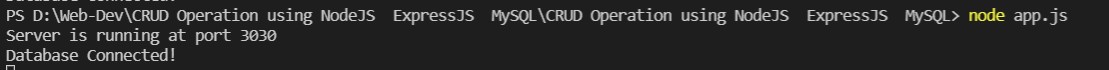
</form>

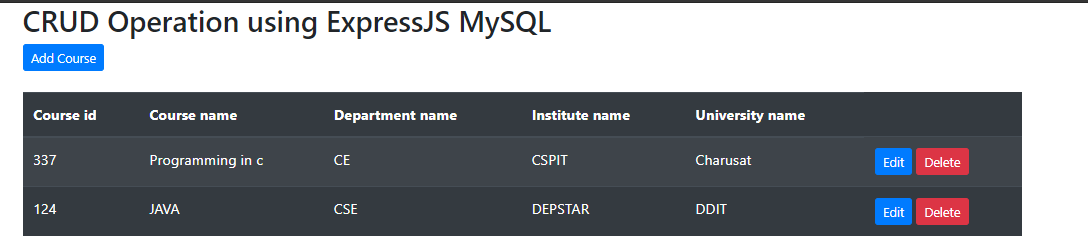
</div>

</body>

</html>

# Output:

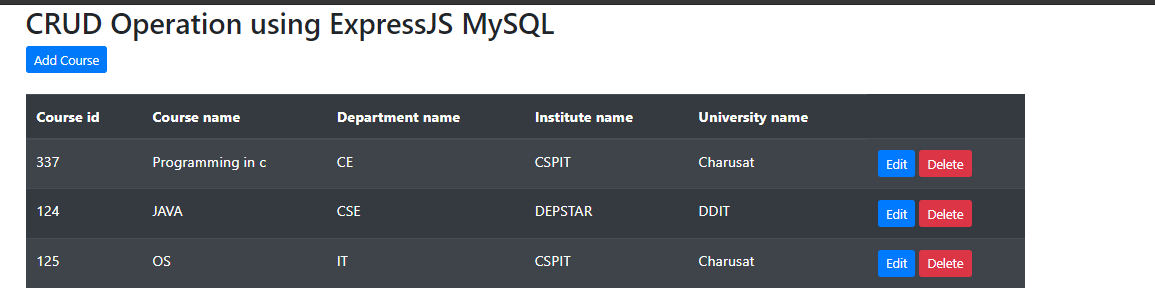


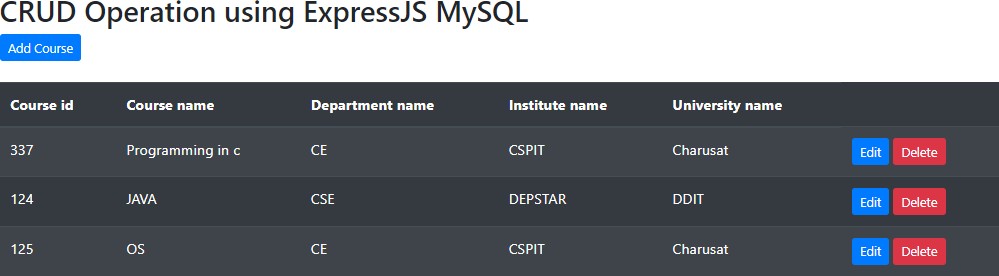


**Insert:**



**Edit:**





**Delete:**

