**UNIVERSIDAD LAICA ELOY ALFARO DE MANABI**

**FACULATD DE CIENCIAS INFORMATICAS**

**CARRERA DE TECNOLOGIA DE LA INFORMACION**

**CONEXIÓN BASE DE DATOS**

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QUINTO SEMESTRE

**ASIGNATURA:**

APLICACIONES WEB I

**DOCENTE:**

ING. PATRICIA QUIROZ

**PERIODO:**

2020(2)

**MANTA – MANABI – ECUADOR**

**Codigo html registro**

<!DOCTYPE html>

<html lang="es">

<head>

<title>Registro</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="icon" type="imagen/png" href="favicon.ico">

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" integrity="sha384-JcKb8q3iqJ61gNV9KGb8thSsNjpSL0n8PARn9HuZOnIxN0hoP+VmmDGMN5t9UJ0Z" crossorigin="anonymous">

<link rel="stylesheet" type="text/css" href="style.css">

</head>

<body>

<section class="container pt-4 mt-4">

<div class="container pt-4 mt-4">

<div class="row">

<div class="col-sm-4"></div>

<div class="col-sm-4">

<div class="card col-sm-12" style="width: auto;">

<div class="card-body">

<h5 class="card-title text-center">Ingresar al Sistema</h5>

<hr>

<p class="card-text text-center">Para Acceder al sistema necesitas ingresar tus credenciales.</p>

<hr>

<form method="POST" action="../inicio/inicio.html" enctype="multipart/form-data">

<div class="form-group">

<label for="exampleInputEmail1">Tipo de Usuarios</label>

<select class="form-control" name="id\_tipo" >

<option>Administrador</option>

<option>Empleado </option>

</select>

</div>

<div class="form-group">

<label for="exampleInputEmail1">Nombres y Apellidos</label>

<input type="text" class="form-control" id="name" name="nombre\_u" required="required">

</div>

<div class="form-group">

<label for="exampleInputEmail1">Usuario</label>

<input type="text" class="form-control" id="user" name="usuario\_u" required pattern="[A-Z]{2}[a-z]{4}[0-9]{3}" title="El usuario debe contar con 2 letras mayusculas, 4 letras minusculas y 3 numeros">

</div>

<div class="form-group">

<label for="exampleInputEmail1">Correo</label>

<input type="email" class="form-control" name="correo\_u" id="email">

</div>

<div class="form-group">

<label for="exampleInputPassword1">Contraseña</label>

<input type="password" class="form-control" id="pass" name="contra\_u" required pattern="[A-Z]{1}[a-z]{4}[0-9]{4}" title="La contraseña debe contar con 1 letra mayuscula, 4 letras minusculas y 4 numeros">

</div>

<div class="form-group form-check">

<div class="icheck-primary">

<input type="checkbox" id="ver\_pass" onchange="document.getElementById('pass').type = this.checked ? 'text' : 'password'">

<label for="ver\_pass">Ver contraseña</label>

</div>

</div>

<div class="form-group">

<label for="exampleInputEmail1">Foto</label>

<input type="file" class="form-control" name="foto\_u">

</div>

<div class="row">

<div class="col-sm-12 pb-3">

<button type="submit" name="registro" class="btn btn-success btn-block" onclick="registro();">Registrarme</button>

</div>

<hr>

<div class="col-sm-12">

<a href="../login/ingreso.html" class="btn btn-warning btn-block">Ingresar</a>

</div>

<script type="text/javascript">

function registro(){

nombreapelli =document.getElementById('name').value;

usuario =document.getElementById('user').value;

correo =document.getElementById('email').value;

contraseña =document.getElementById('pass').value;

if (nombreapelli==null || nombreapelli.length ==0) {

alert("Algunos campos estan vacios");

return false;

}

if (usuario==null || usuario.length ==0) {

alert("Algunos campos estan vacios");

return false;

}

if (correo==null || correo.length ==0) {

alert("Algunos campos estan vacios");

return false;

}

if(!(/\w+([-+.’]\w+)\*@\w+([-.]\w+)\*/.test(correo)) )

{

alert ("email incorrecto")

return false;

}

if (contraseña==null || contraseña.length ==0) {

alert("Algunos campos estan vacios");

return false;

}

window.location.href ="../inicio/inicio.html";

return true;

}

</script>

</div>

</form>

</div>

</div>

</div>

<div class="col-sm-4"></div>

</div>

</div>

</section>

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-9/reFTGAW83EW2RDu2S0VKaIzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN" crossorigin="anonymous"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js" integrity="sha384-B4gt1jrGC7Jh4AgTPSdUtOBvfO8shuf57BaghqFfPlYxofvL8/KUEfYiJOMMV+rV" crossorigin="anonymous"></script>

<script src="https://kit.fontawesome.com/9ffe9c42e9.js" crossorigin="anonymous"></script>

</body>

</html>

**Codigo conexión a base de datos**

module.exports = {

database: {

host:'localhost',

user:'Rosy',

password:'Rosy',

database:'inventario'

}

};

**Codigo conexión de puertos (4000)**

const express = require('express');

const morgan = require('morgan');

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

const path = require('path');

// Intializations

const app = express();

// Settings

app.set('port', process.env.PORT || 4000);

app.set('views', path.join(\_\_dirname, 'views'));

app.engine('.hbs', exphbs({

defaultLayout: 'main',

layoutsDir: path.join(app.get('views'), 'layouts'),

partialsDir: path.join(app.get('views'), 'partials'),

extname: '.hbs',

helpers: require('./lib/handlebars')

}));

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

//Middlewares

app.use(morgan('dev'));

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

app.use(express.json());

//Global Variables

app.use((req, res, next) => {

next();

});

//Routes

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

app.use(require('./routes/authentication'));

app.use('/links', require('./routes/links'));

//public

//Starting the server

app.listen(app.get('port'), () => {

console.log('Server is in port', app.get('port'));

});

**Codigo2 conexión a base de datos**

const mysql = require('mysql');

const { promisify }= require('util');

const { database } = require('./keys');

const pool = mysql.createPool(database);

pool.getConnection((err, connection) => {

if (err) {

if (err.code === 'PROTOCOL\_CONNECTION\_LOST') {

console.error('Database connection was closed.');

}

if (err.code === 'ER\_CON\_COUNT\_ERROR') {

console.error('Database has to many connections');

}

if (err.code === 'ECONNREFUSED') {

console.error('Database connection was refused');

}

}

if (connection) connection.release();

console.log('DB is Connected');

return;

});

// Promisify Pool Querys

pool.query = promisify(pool.query);

module.exports = pool;

**Codigo html en hbs**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Notes App</title>

{{!-- GOOGLE FONTS --}}

<link href="https://fonts.googleapis.com/css?family=Oswald" rel="stylesheet">

{{!-- BOOTSTRAP 4 --}}

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

{{!-- FONT AWESOME 5 --}}

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.5.0/css/all.css" integrity="sha384-B4dIYHKNBt8Bc12p+WXckhzcICo0wtJAoU8YZTY5qE0Id1GSseTk6S+L3BlXeVIU"

crossorigin="anonymous">

{{!-- STYLES --}}

<link rel="stylesheet" href="/css/styles.css">

</head>

<body>

{{>navigation}}

{{>message}}

{{{ body }}}

{{!-- SCRIPTS --}}

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"

crossorigin="anonymous"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js" integrity="sha384-ZMP7rVo3mIykV+2+9J3UJ46jBk0WLaUAdn689aCwoqbBJiSnjAK/l8WvCWPIPm49"

crossorigin="anonymous"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js" integrity="sha384-ChfqqxuZUCnJSK3+MXmPNIyE6ZbWh2IMqE241rYiqJxyMiZ6OW/JmZQ5stwEULTy"

crossorigin="anonymous"></script>

</body>

</html>

**Codigo Autenticacion**

const express = require('express');

const router = express.Router();

const pool = require('../database');

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

res.render('login/ingreso');

});

module.exports = router;

**Paquete .json**

"name": "sufrimiento",

"version": "1.0.0",

"description": "",

"main": "index.js",

"scripts": {

"dev": "nodemon src/index.js"

},

"keywords": [],

"author": "",

"license": "ISC",

"dependencies": {

"bcryptjs": "^2.4.3",

"connect-flash": "^0.1.1",

"express": "^4.17.1",

"express-handlebars": "^5.2.0",

"express-mysql-session": "^2.1.5",

"express-session": "^1.17.1",

"express-validator": "^6.9.2",

"morgan": "^1.10.0",

"mysql": "^2.18.1",

"passport": "^0.4.1",

"passport-local": "^1.0.0",

"timeago.js": "^4.0.2"

},

"devDependencies": {

"nodemon": "^2.0.7"

}

}

**Ejecución**













