

Project on Back end webdevelopment

REGISTRATION AND LOGIN PAGE



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***Files Name with Codes***

***1- server.js***

if (process.env.NODE\_ENV != "production") {

require("dotenv").config();

}

const express = require("express");

const app = express();

const bcrypt = require("bcrypt");

const passport = require("passport");

const flash = require("express-flash");

const session = require("express-session");

const initializepassport = require("./passport-config");

initializepassport(

passport,

(email) => users.find((user) => user.email === email),

(id) => users.find((user) => user.id === id)

**);**

const users = [];

app.set("view-engine", "ejs");

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

app.use(flash());

app.use(

session({

secret: process.env.SESSION\_SECRET,

resave: false,

saveUninitialized: false

})

);

app.use(passport.initialize());

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

res.render("index.ejs", { name: "chandu" });

});

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

res.render("Login.ejs");

});

app.post(

"/Login",

passport.authenticate("local", {

successRedirect: "/",

failureRedirect: "/Login",

failureFlash: true

})

);

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

res.render("Register.ejs");

});

app.post("/Register", async (req, res) => {

try {

const hashedpassword = await bcrypt.hash(req.body.password, 10);

users.push({

id: Date.now().toString(),

name: req.body.name,

email: req.body.email,

password: hashedpassword

});

res.redirect("/Login");

} catch {

res.redirect("/Register");

}

});

function checkAuthenticated(req, res, next) {

if (req.isAuthenticated()) {

return next();

}

res.redirect("/Login");

}

app.listen(3000);

***2 -Login.ejs***

<h1>Login</h1>

<% if(messages.error) {%>

<%= messages.error %>

<% } %>

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

<div>

<label for="email">Email</label>

<input type="email" name="email" id="email" required>

</div>

<div>

<label for="password">Password</label>

<input type="password" name="password" id="password" required>

</div>

<button type="submit">Login</button>

</form>

<a href="/Register">Register</a>

***3- Register.ejs***

<h1>Register</h1>

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

<div>

<label for="name">Name</label>

<input type="text" name="name" id="name" required>

</div>

<div>

<label for="email">Email</label>

<input type="email" name="email" id="email" required>

</div>

<div>

<label for="password">Password</label>

<input type="password" name="password" id="password" required>

</div>

<button type="submit">Register</button>

</form>

<a href="/Login">Login</a>

**4- Index.ejs**

<h1>hello world<%= name %></h1>

***5- .env***

SESSION\_SECRET =secret

***Steps to run***

1. **Login sandbox with your mail.**
2. **Fork the sandbox(“imp\*\*”).**
3. **Type mkdir project(“Create file project”).**
4. **Click on Terminal and the click on “+” sign.**
5. **Type cd project (“Change directory to project”).**
6. **Then type pwd (“Check working directory”).**
7. **Then Type-**
8. **first command –**

* **npm install express**
* **Press Enter .**

**second command –**

* **npm install ejs**
* **Press Enter**

**third command -**

* **npm install -g - -force nodemon**
* **Press Enter**

**fourth command –**

* **npm install dotenv**
* **Press Enter**

**Fifth command –**

* **npm install passport**
* **Press Enter .**

**Sixth command –**

* **npm install passport-local.**
* **Press Enter.**

**Seven command –**

* **npm install env**
* **Press Enter.**

**Eight command-**

* **npm install express-flash**
* **Press Enter.**

**Ninth command –**

* **npm install express-session**
* **Press Enter**

**Tenth command –**

* **npm install bcrypt**
* **Press Enter.**

1. **Go to project create all the files-**

**server.js, views(index.ejs,register.ejs,login.ejs,)**

**,env),** **passport-config.js.**

1. **Now in the passport-config.js copy the code from the given link “**<https://drive.google.com/file/d/15gs6...>”.
2. **Then copy the code in server.js which is given in above file .**
3. **After that copy the code in Login.ejs which is also given in above file**
4. **After that copy the code in .env file which is given above the file .**
5. **After that copy the code in Registration.ejs file .**
6. **After that copy the code in index.ejs file which is given above the file .**
7. **Type nodemonserver.js**
8. **Open browser 3000 panel.**

* **Points To Remember when you are suppose to start the project.**
* **All the command should be in lower case.**
* **The quotes which is placed in bracket should not include in the code as well as in commands .**
* **In the 9th points the “views” is the folder inside the project folder.**
* **In the views folder creates the files such as**

**Login.ejs , Register.ejs ,index.ejs.**

* **It is important to folk the sand box before starting the code .**
* **The green colour statements are the command which you have to use in Terminal.**
* **After Enter each command press Enter so that the package will install.**