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TRIVANDRUM

CERTIFICATE

This is to certify that following trainees have completed their project titled

“USER REGISTRATION AND LOGIN”

For IBM Program – IT, Networking and Cloud (Technical Diploma)

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ABSTRACT

User registration systems are screens, forms, or profile pages that request information from a user to create a web-based account or profile. A user registration system generally asks a user to create a username and password, and possibly answer other security questions as well. Many user registration systems allow users to personalize their accounts and profiles; other registration systems provide users' account information for them. It will also help in saving time and effort. The user interface must be user friendly and easy to understand. The data are well protected for personal use and makes the data processing very fast. The main function of the system is to register and store user details.

INDEX

1)About Project

2) system analysis

2.1) Software Requirements

2.2) Hardware Requirement

3) Proposed System

4) Source code

5) Output

6) Result

7) Reference

ABOUT PROJECT

The project is aimed to automate the user registration. The software is user friendly, simple, fast and cost-effective. Here user has to register with their username, first name, last name, password for creating an account. After creating the account user has the login with their username and password. After login, they can view their dashboards and details. This user registration and login will make the work of storing the data in an organized way. It will also help in saving time and effort. The user interface must be user friendly and easy to understand.

SYSTEM ANALYSIS

SOFTWARE REQUIREMENTS

- Operating System
- Browser-Microsoft Edge/Chrome/Mozilla
- Text Editor-Visual Studio Code /Notepad++
 - JavaScript- JavaScript is a programming language used primarily by Web browsers to create a dynamic and interactive experience for the user. Most of the functions and applications that make the Internet indispensable to modern life are coded in some form of JavaScript.
 - NodeJs-Node.js is an open-source, cross-platform, backend JavaScript runtime environment that runs on the V8 engine and executes JavaScript code outside a web browser
 - MySQL-MySQL is a relational database management system based on SQL – Structured Query Language. The application is used for a wide range of purposes, including data warehousing, e-commerce, and logging applications. The most common use for MySQL however, is for the purpose of a web database.

- Express Js- Express. Js is a free and open-source web application framework for Node. Js. It is used for designing and building web applications quickly and easily.

HARDWARE REQUIREMENTS

- A Working PC
- Good network Connection
- Processor-Minimum 1GHz or more
- RAM-2GB/4GB/8GB or higher
- Hard Disk Capacity-1TB or more

PROPOSED SYSTEM

This user Registration and login system created with NodeJS, MySQL and express Js helps the user to create the account in the site coderworld and helps the user to login into the coderworld with their username and password. The user can verify their details after login into the coderworld. It will also help in saving time and effort. The user interface must be user friendly and easy to understand. The data are well protected for personal use and makes the data processing very fast. The main function of the system is to register and store user details.

SOURCE CODE

app.js

```
var express = require('express')
  , routes = require('./routes')
  , user = require('./routes/user')
  , http = require('http')
  , path = require('path');
var session = require('express-session');
var app = express();
var mysql      = require('mysql');
var bodyParser=require("body-parser");
var connection = mysql.createConnection({
  host      : 'localhost',
  user      : 'root',
  password  : '',
  database  : 'coderworld_demo'
});

connection.connect();


global.db = connection;


app.set('port', process.env.PORT || 8080);
app.set('views', __dirname + '/views');
app.set('view engine', 'ejs');
app.use(bodyParser.urlencoded({ extended: false }));
app.use(bodyParser.json());
app.use(express.static(path.join(__dirname, 'public')));
app.use(session({
  secret: 'keyboard cat',
  resave: false,
  saveUninitialized: true,
  cookie: { maxAge: 60000 }
}))

app.get('/', routes.index);
app.get('/signup', user.signup);
app.post('/signup', user.signup);
app.get('/login', routes.index);
app.post('/login', user.login);
app.get('/home/dashboard', user.dashboard);
app.get('/home/logout', user.logout);
app.get('/home/profile',user.profile);
app.listen(8080)
```

OUTPUT

User Sign In

 username

 password

Login

Don't have an account? [Sign Up Here](#)

User Sign Up

Sign In

Username

Password

First Name

Last Name

Mobile

Sign Up


Dashboard

Welcome here

[View Profile](#)

Logged In: codeworld

Logout



Name:

codeword

User Name:

codeworld


Mobile:


1234569870

RESULT

CODERWORLD Home

User Sign In

 username

 password

Login

Don't have an account? [Sign Up Here](#)

User Sign Up

Sign In

Username

username

Password

Password

First Name

First Name

Last Name

Last Name

Mobile

Mobile Number

Sign Up

REFERENCE

- <https://www.tutorialsteacher.com/nodejs/nodejs-tutorials>
- <https://www.tutorialspoint.com/nodejs/index.htm>