CE377 – Advanced Web Technology Assignment
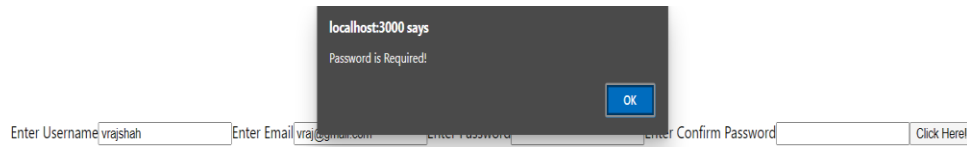
Student ID: 19CE138

Student Name: Vraj Shah

Assignment 1: React Form Handling

GitHub Link: https://github.com/vraj0112/Advanced-Web-Technologies/tree/main/react-form-handling

Screenshot:

Assignment 2: Create Profile page with proper validation and form-control for following information using NodeJs and Bootstrap only.

- First Name and Last name
- Email-id
- Mobile Number
- Date of Birth
- Gender
- Address
- Select Institute
- Select Department
- Select Semester

Display all information in HTML Table.

GitHub Link: https://github.com/vraj0112/Advanced-Web-Technologies/tree/main/profile-page-node-bootstrap

Screenshot:

Assignment 3: Create Signin and Signup page layout using Handlebars.

GitHub Link: https://github.com/vraj0112/Advanced-Web-Technologies/tree/main/handlebars-demo

Screenshot:

Sign In   Sign Up

Username: Vraj Shah

Password: •••••••••

Sign In

Copyright © 2021: CHARUSAT

Sign In   Sign Up

Username: Vraj Shah

Password: •••••••••

Confirm Password: •••••••••

Sign Up

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Assignment 4: To retrieve records from MySQL and display it on console.

GitHub Link: https://github.com/vraj0112/Advanced-Web-Technologies/tree/main/nodejs-mysql

Screenshot:

```
RowDataPacket {
  studentID: '102',
  fname: 'Mrugendra',
  lname: 'Rahevar',
  mobileNo: '123456789'
},
RowDataPacket {
  studentID: '103',
  fname: 'Martin',
  lname: 'Parmar',
  mobileNo: '123456789'
},
RowDataPacket {
  studentID: '104',
  fname: 'Vraj',
  lname: 'Shah',
  mobileNo: '123456789'
}
```

Assignment 5:

Task 1: Using Handlebar, create HTML page that contains following information

1. Subject-Code, Subject-Name (Text-box)
2. Institute-Name (Text-box)
3. Department-Name (Text-box)
4. Semester (Dropdown)

Task 2: Store above information in MySQL database and Display

GitHub Link: https://github.com/vraj0112/Advanced-Web-Technologies/tree/main/nodejs-db-operation

Screenshot:

Assignment 6:

Task: Create html form using bootstrap with following information

1. Course-id, Course Name [text box]
2. Department Name [Radio Button]
3. Institute Name [Check Box]
4. University Name [Drop Down]

Display all Record into dynamic table with edit and delete operation.

GitHub Link: https://github.com/vraj0112/Advanced-Web-Technologies/tree/main/bootstrap-express-mysql

Screenshot:

Add Course Details

| Course Id | Enter Course Id... | Course Name | Enter Course Name... |

Department Name   ○ CSE   ○ CE   ○ IT

Institute Name   ☐ CSPIT   ☐ DEPSTAR

University Name   Select University ▼

[Add]

Manage Course Details

ID	Course Id	Course Name	Department Name	Institute Name	University Name	Date Added	Edit	Delete
1	CE377	AWT	CE	CSPIT, DEPSTAR	CHARUSAT	9/25/2021, 12:00:00 AM	Edit	Delete
2	CE355	DAA	CSE	CSPIT	Nirma	9/25/2021, 12:00:00 AM	Edit	Delete
3	CE354	OS	IT	DEPSTAR	DAIICT	9/25/2021, 12:00:00 AM	Edit	Delete

Edit Course

Edit Course Details

| Course Id | AWT | Course Name | CE111 |

Department Name   ● CSE   ○ CE   ○ IT

Institute Name   ☑ CSPIT   ☐ DEPSTAR

University Name   DAIICT ▼

[Update]

Manage Course Details

ID	Course Id	Course Name	Department Name	Institute Name	University Name	Date Added	Edit	Delete
1	AWT	CE111	CSE	CSPIT	DAIICT	9/25/2021, 12:00:00 AM	Edit	Delete
2	CE355	DAA	CSE	CSPIT	Nirma	9/25/2021, 12:00:00 AM	Edit	Delete
3	CE354	OS	IT	DEPSTAR	DAIICT	9/25/2021, 12:00:00 AM	Edit	Delete

Delete Course

Manage Course Details

ID	Course Id	Course Name	Department Name	Institute Name	University Name	Date Added	Edit	Delete
1	AWT	CE111	CSE	CSPIT	DAIICT	9/25/2021, 12:00:00 AM	Edit	Delete
2	CE355	DAA	CSE	CSPIT	Nirma	9/25/2021, 12:00:00 AM	Edit	Delete

Assignment 7: create Database REST API for login application

- post('/signup') route create user in to database(Mysql or MongoDB)
- Use salt and hashing concept to secure password.
- get('/login/') route verify credential with database and display success or failure message in the console.

GitHub Link: https://github.com/vraj0112/Advanced-Web-Technologies/tree/main/login-application

Screenshot:

/signup

/login