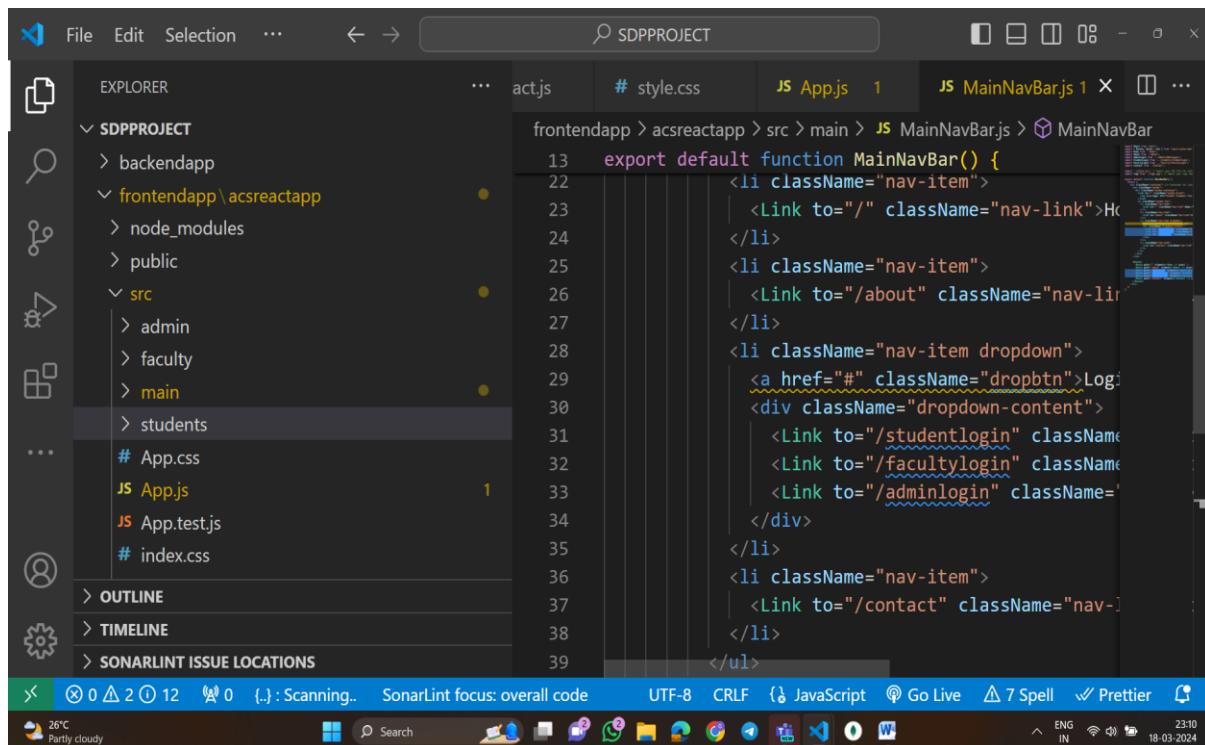


TEAM-27

PROJECT NUMBER-25

ACADEMIC STUDENT COURSE REGISTRATION SYSTEM

FRONTEND



The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "SDPPROJECT". The "src" folder contains "admin", "faculty", "main", and "students" subfolders. "main" is currently selected. Other files visible include "App.css", "App.js", "App.test.js", and "index.css".
- Editor:** The main editor area displays the code for "MainNavBar.js". The code defines a functional component that returns a navigation bar with links to various pages like "/studentlogin", "/facultylogin", and "/adminlogin".

```
13  export default function MainNavBar() {
22    <ul className="nav-item">
23      <li className="nav-item">
24        <Link to="/" className="nav-link">Home</Link>
25      <li className="nav-item">
26        <Link to="/about" className="nav-link">About</Link>
27      <li className="nav-item dropdown">
28        <a href="#" className="dropbtn">Login</a>
29        <div className="dropdown-content">
30          <Link to="/studentlogin" className="nav-link">Student Login</Link>
31          <Link to="/facultylogin" className="nav-link">Faculty Login</Link>
32          <Link to="/adminlogin" className="nav-link">Admin Login</Link>
33        </div>
34      </li>
35    </ul>
36  </div>
37  <div>
38    <Link to="/contact" className="nav-link">Contact</Link>
39  </div>
```
- Bottom Status Bar:** Shows "Scanning.." and other status indicators.
- System Tray:** Shows weather (26°C, Partly cloudy), date (18-03-2024), and time (23:10).

ADMIN MODULE:-

The screenshot shows a Windows desktop environment with a code editor window titled 'SDPPROJECT'. The 'AddFaculty.js' file is open in the editor. The code handles form data for adding a faculty member, including validation and an axios POST request to 'http://localhost:2032/addfaculty'. The code editor interface includes tabs for other files like 'admin.js', 'FacultyLogin.js', 'Home.js', etc., and various status indicators at the bottom.

```
File Edit Selection View Go Run Terminal Help ⏪ ⏩ SDPPROJECT
EXPLORER ... adminLogin.js login.jpg # admin.css # StudentLogin.js # FacultyLogin.js # Home.js # Contacts.js # style.css # App.js # MainNavBar.js # AddFaculty.js ...
SDPPROJECT > backendapp > frontendapp > acreactapp > node_modules > public > src > admin > AddFaculty.js
  import React, { useState } from 'react';
  import axios from 'axios';
  const [formData, setFormData] = useState({
    fullname: '',
    id: '',
    email: '',
    branch: '',
    course: '',
    section: ''
  });
  const handleTextChange = (e) => {
    setFormData({ ...formData, [e.target.id]: e.target.value });
  };
  const handleChangeText = (e)=>{
    const txt = e.target.value.toUpperCase()
    e.target.value = txt
  }
  const handleSubmit = async (e) =>
  {
    e.preventDefault();
    try {
      const response = await axios.post('http://localhost:2032/addfaculty', formData);
      if (response.status === 200)
      {
        setFormData({
          fullname: '',
          id: '',
          email: '',
          branch: '',
          course: '',
          section: ''
        });
        const [message, setMessage] = useState('');
        const [error, setError] = useState('');
        const handleTextChange = (e) => {
          const txt = e.target.value.toUpperCase()
          e.target.value = txt
        }
        const handleChangeText = (e)=>{
          const txt = e.target.value.toUpperCase()
          e.target.value = txt
        }
        const handleSubmit = async (e) =>
        {
          e.preventDefault();
          try {
            const response = await axios.post('http://localhost:2032/addfaculty', formData);
            if (response.status === 200)
            {
              setMessage(response.data);
            }
          }
        }
      }
    }
  }
  export default function AddFaculty()
  {
    return (
      <Form>
        <Form.Group controlId="fullname">
          <Form.Label>Fullname</Form.Label>
          <Form.Control type="text" value={formData.fullname} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group controlId="id">
          <Form.Label>ID</Form.Label>
          <Form.Control type="text" value={formData.id} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group controlId="email">
          <Form.Label>Email</Form.Label>
          <Form.Control type="text" value={formData.email} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group controlId="branch">
          <Form.Label>Branch</Form.Label>
          <Form.Control type="text" value={formData.branch} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group controlId="course">
          <Form.Label>Course</Form.Label>
          <Form.Control type="text" value={formData.course} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group controlId="section">
          <Form.Label>Section</Form.Label>
          <Form.Control type="text" value={formData.section} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group>
          <Form.Button type="button" onClick={handleSubmit}>Submit</Form.Button>
        </Form.Group>
      </Form>
    );
  }
}
export default AddFaculty;
```

The screenshot shows a Windows desktop environment with a code editor window titled 'SDPPROJECT'. The 'AddStudent.js' file is open in the editor. The code handles form data for adding a student, including validation and an axios POST request to 'http://localhost:2032/addstudent'. The code editor interface includes tabs for other files like 'admin.js', 'FacultyLogin.js', 'Home.js', etc., and various status indicators at the bottom.

```
File Edit Selection View Go Run Terminal Help ⏪ ⏩ SDPPROJECT
EXPLORER ... login.jpg # admin.css # StudentLogin.js # FacultyLogin.js # Home.js # Contacts.js # style.css # App.js # MainNavBar.js # AddFaculty.js ...
SDPPROJECT > backendapp > frontendapp > acreactapp > node_modules > public > src > admin > AddStudent.js
  import React, { useState } from 'react';
  import axios from 'axios';
  const [formData, setFormData] = useState({
    fullname: '',
    id: '',
    gender: '',
    email: '',
    year: '',
    branch: '',
    semester: '',
    course: '',
    section: '',
    faculty: ''
  });
  const handleTextChange = (e) => {
    setFormData({ ...formData, [e.target.id]: e.target.value });
  };
  const handleSubmit = async (e) =>
  {
    e.preventDefault();
    try {
      const response = await axios.post('http://localhost:2032/addstudent', formData);
      if (response.status === 200)
      {
        setFormData({
          fullname: '',
          id: '',
          gender: '',
          email: '',
          year: '',
          branch: '',
          semester: '',
          course: '',
          section: '',
          faculty: ''
        });
        setMessage(response.data);
      }
    }
  }
  export default function AddStudent()
  {
    return (
      <Form>
        <Form.Group controlId="fullname">
          <Form.Label>Fullname</Form.Label>
          <Form.Control type="text" value={formData.fullname} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group controlId="id">
          <Form.Label>ID</Form.Label>
          <Form.Control type="text" value={formData.id} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group controlId="gender">
          <Form.Label>Gender</Form.Label>
          <Form.Control type="text" value={formData.gender} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group controlId="email">
          <Form.Label>Email</Form.Label>
          <Form.Control type="text" value={formData.email} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group controlId="year">
          <Form.Label>Year</Form.Label>
          <Form.Control type="text" value={formData.year} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group controlId="branch">
          <Form.Label>Branch</Form.Label>
          <Form.Control type="text" value={formData.branch} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group controlId="semester">
          <Form.Label>Semester</Form.Label>
          <Form.Control type="text" value={formData.semester} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group controlId="course">
          <Form.Label>Course</Form.Label>
          <Form.Control type="text" value={formData.course} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group controlId="section">
          <Form.Label>Section</Form.Label>
          <Form.Control type="text" value={formData.section} onChange={handleTextChange} />
        </Form.Group>
        <Form.Group>
          <Form.Button type="button" onClick={handleSubmit}>Submit</Form.Button>
        </Form.Group>
      </Form>
    );
  }
}
export default AddStudent;
```

```
/* Navbar container */
.navbar {
    background-color: #05043b;
    color: #fff;
    padding: 10px 20px;
    background-image: url("https://images.unsplash.com/photo-1513077202514-c51b041b44c7?q=80&w=206&h=auto&fit=crop&xlib=rb-4.0.3&ixid=M3FDB8B%7ca99b1vY");
    background-size: cover;
    background-position: center;
}

.navbar-container {
    display: flex;
    justify-content: space-between;
    align-items: center;
}

.navbar-brand {
    font-size: 1.5rem;
    text-decoration: none;
    color: #black;
}

.navbar-nav {
    list-style-type: none;
    margin: 0;
    padding: 0;
    display: flex;
    align-items: center;
}

.nav-item {
    margin-right: 20px;
}

.nav-link,
.dropdown {
    text-decoration: none;
    color: #fff;
    font-weight: bold;
}

.dropdown {
    position: relative;
}
```

```
// AdminHome.js
import React from 'react';
import './admin.css';

export default function AdminHome() {
    return (
        <div className="banner image-scroll">
            <div className="banner-content">
                <h3>Welcome to our website!</h3>
                <p>* Add your content here *</p>
            </div>
        </div>
    );
}
```

SDPPROJECT

```
AdminLogin.js
frontendapp > acreactapp > admin > AdminLogin.js > AdminLogin > handleSubmit
1 import React, { useState } from 'react';
2 import './admin.css';
3 import axios from 'axios';
4 import { useNavigate } from 'react-router-dom';
5
6
7
8 export default function AdminLogin() {
9
10 const [formData, setFormData] = useState({
11   username: '',
12   password: ''
13 });
14 const [message, setMessage] = useState("");
15 const [error, setError] = useState("");
16
17 const navigate = useNavigate();
18
19 const handleChange = (e) => {
20   const { name, value } = e.target;
21   setFormData( ...formData, [name]: value );
22 };
23
24
25 const handleSubmit = async (e) => {
26   e.preventDefault();
27   try {
28     const response = await axios.post('http://localhost:2032/checkadminlogin', formData);
29     if (response.data!=null)
30     {
31       navigate("/adminhome")
32     }
33     else
34     {
35       setMessage("Login Failed")
36       setError(" ")
37     }
38   } catch (error) {
39     {
40       setMessage(" ")
41       setError(error.message)
42     }
43   }
44 };
45
```

26°C Partly cloudy

SDPPROJECT

```
AdminNavBar.js
frontendapp > acreactapp > admin > AdminNavBar.js > AdminNavBar
1 import React from 'react';
2 import { Route, Routes, Link } from 'react-router-dom';
3 import './admin.css';
4 import AdminHome from './AdminHome';
5 import AddAdmin from './AddAdmin';
6 import AddStudent from './AddStudent';
7 import AddFaculty from './AddFaculty';
8 import ViewStudents from './ViewStudents';
9 import ViewFaculty from './ViewFaculty';
10 import DeleteFaculty from './DeleteFaculty';
11 import DeleteStudents from './DeleteStudent';
12 // import logo from './logo.jpg'
13
14 export default function AdminNavBar() {
15   return (
16     <div className="container"> /* Container for limiting the width */
17       <nav className="navbar">
18         <div className="navbar-contain">
19           <Link to="/" className="nav-brand">
20             /* img src={logo} alt="Logo" width={100} height={300} /> */
21           </Link>
22           <ul className="nav-bar">
23             <li className="nav-item">
24               <Link to="/" className="nav-link">Home</Link>
25             </li>
26
27             <li className="nav-item dropdown">
28               <a href="#" className="dropdown">Students</a>
29               <div className="dropdown-cont">
30                 <Link to="/registration" className="dropdown-item">Registration</Link>
31                 <Link to="/addstudent" className="dropdown-item">Add Student</Link>
32                 <Link to="/viewstudents" className="dropdown-item">View Students</Link>
33                 <Link to="/deletestudent" className="dropdown-item">Delete Student</Link>
34               </div>
35             </li>
36             <li className="nav-item dropdown">
37               <a href="#" className="dropdown">Faculty</a>
38               <div className="dropdown-cont">
39                 <Link to="/addfaculty" className="dropdown-item">Add Faculty</Link>
40                 <Link to="/viewfaculty" className="dropdown-item">View Faculty</Link>
41                 <Link to="/deletefaculty" className="dropdown-item">Delete Faculty</Link>
42               </div>
43             </li>
44           </ul>
45         </div>
46       </nav>
47     </div>
48   )
49 }
```

26°C Partly cloudy

```
export default function DeleteFaculty() {
  return (
    <div style={{ textAlign: "center" }}>
      <h1>Faculty</h1>
      <table border="1" align="center" style={{ width: 'auto', height: 'auto' }}>
        <thead>
          <tr>
            <th>Full Name</th>
            <th>ID</th>
            <th>Email</th>
            <th>Branch</th>
            <th>Semester</th>
            <th>Section</th>
            <th>Action</th>
          </tr>
        </thead>
        <tbody>
          {faculty.map((faculty, index) => (
            <tr key={index}>
              <td>{faculty.fullname}</td>
              <td>{faculty.id}</td>
              <td>{faculty.email}</td>
              <td>{faculty.branch}</td>
              <td>{faculty.semester}</td>
              <td>{faculty.section}</td>
              <td>
                <button onClick={() => deleteFaculty(faculty.email)} className="button">Delete</button>
              </td>
            </tr>
          ))}
        </tbody>
      </table>
    </div>
  );
}
```

```
import React, { useState, useEffect } from 'react';
import axios from 'axios';

export default function DeleteStudent() {
  const [students, setStudents] = useState([ ]);

  const fetchStudents = async () => {
    try {
      const response = await axios.get('http://localhost:2032/viewstudents');
      setStudents(response.data);
    } catch (error) {
      console.error(error.message);
    }
  }

  useEffect(() => {
    fetchStudents();
  }, [ ]);

  const deleteStudent = async (email) => {
    try {
      await axios.delete(`http://localhost:2032/deletestudent/${email}`);
      fetchStudents();
    } catch (error) {
      console.error(error.message);
    }
  }

  return (
    <div style={{ textAlign: 'center' }}>
      <h1>Students</h1>
      <table border="1" align="center" style={{ width: 'auto', height: 'auto' }}>
        <thead>
          <tr>
            <th>Full Name</th>
            <th>ID</th>
            <th>Email</th>
            <th>Year</th>
            <th>Branch</th>
            <th>Semester</th>
            <th>Course</th>
            <th>Section</th>
            <th>Action</th>
          </tr>
        </thead>
        <tbody>
```

SDPPROJECT

```

1 import React, { useState } from 'react';
2 import axios from 'axios';
3
4 export default function Registration() {
5   const [formData, setFormData] = useState({
6     //formData state variable is initialized with all required keys and empty values
7     fullName: '',
8     id: '',
9     gender: '',
10    email: '',
11    year: '',
12    branch: '',
13    semester: '',
14    course: '',
15    faculty: '',
16    section: ''
17  });
18
19  //message state variable
20  const [message, setMessage] = useState('');
21  //error state variable
22  const [error, setError] = useState('');
23
24  const handleChange = (e) =>
25  {
26    setFormData({...formData, [e.target.id]: e.target.value});
27
28    // It updates the state 'formData' by adding or updating a property with a key equal to
29    //the ID of the input field
30    //that triggered the change event (e.target.id). The value of this property is
31    //set to the new value entered in that input field (e.target.value).
32  };
33
34
35  const handleSubmit = async (e) =>
36  {
37    e.preventDefault();
38    try {
39      const response = await axios.post('http://localhost:2032/insertstudent', formData);
40      if (response.status === 200) {
41        //It will set all fields to ""
42        setFormData({
43          ...formData,
44          message: 'Registration successful'
45        });
46      }
47    } catch (error) {
48      setError(error.message);
49    }
50  };
51
52}
53
54
```

SDPROJECT

```

1 import React, { useState, useEffect } from 'react';
2 import axios from 'axios';
3
4 export default function ViewFaculty() {
5   const [faculty, setFaculty] = useState([]);
6
7   const fetchFaculty = async () => {
8     try {
9       const response = await axios.get('http://localhost:2032/viewfaculty');
10      setFaculty(response.data);
11    } catch (error) {
12      console.error(error.message);
13    }
14  }
15
16  useEffect(() => {
17    fetchFaculty();
18  }, []);
19
20  return (
21    <div style={{ textAlign: 'center' }>
22      <h1>Students</h1>
23
24      <table border={1} align="center" style={{ width: 'auto', height: 'auto' }}>
25        <thead>
26          <tr>
27            <th>Full Name</th>
28            <th>ID</th>
29            <th>Email</th>
30            <th>Branch</th>
31            <th>Course</th>
32            <th>Section</th>
33          </tr>
34        </thead>
35        <tbody>
36          {Array.isArray(faculty) && faculty.length > 0 ? (
37            faculty.map((faculty, index) => (
38              <tr key={index}>
39                <td>{faculty.fullName}</td>
40                <td>{faculty.id}</td>
41                <td>{faculty.email}</td>
42                <td>{faculty.branch}</td>
43                <td>{faculty.course}</td>
44                <td>{faculty.section}</td>
45              </tr>
46            ))
47          ) : (
48            <tr>
49              <td colspan="6" style={{ text-align: "center" }}>
50                No Data Available
51              </td>
52            </tr>
53          )
54        </tbody>
55      </table>
56    </div>
57  );
58}
59
60
```

SDPROJECT

```

File Edit Selection View Go Run Terminal Help ⏴ → SDPROJECT
ADMENLOGINS AdminNavBar.js 2 DeleteFaculty.js DeleteStudent.js Registrations.js ViewFaculty.js ViewStudents.js ×

EXPLORER
SDPROJECT
└─ backendapp
  └─ frontendapp\acreactapp
    ├─ node_modules
    └─ src
      ├─ adm
        ├─ AddFaculty.js
        ├─ AddStudent.js
        ├─ admnav.js
        ├─ AdminHome.js
        ├─ AdminLogins.js
        ├─ AdminNavBar.js
        ├─ DeleteFaculty.js
        ├─ DeleteStudent.js
        ├─ login.jpg
        ├─ Registration.js
        └─ ViewFaculty.js
          └─ ViewStudents.js

      ├─ faculty
      ├─ main
      ├─ students
      └─ App.css
        └─ App.js
        └─ App.test.js
      └─ index.css
      └─ index.js
      └─ logo.svg
      └─ reportWebVitals.js
      └─ setupTests.js
      └─ gitignore
      └─ package-lock.json
      └─ package.json
      └─ README.md

OUTLINE
TIMELINE
SONARQUIZ ISSUE LOCATIONS
Scanning... SonarLint focus overall code
26°C Party cloudy

```

```

SDPROJECT
ADMENLOGINS AdminNavBar.js 2 DeleteFaculty.js DeleteStudent.js Registrations.js ViewFaculty.js ViewStudents.js ×

frontendsapp > acreactapp > src > adm > ViewStudents.js
1 import React, { useState, useEffect } from 'react';
2 import axios from 'axios';
3
4 export default function ViewStudents() {
5   const [students, setStudents] = useState([]);
6
7   const fetchStudents = async () => {
8     try {
9       const response = await axios.get('http://localhost:2032/viewstudents');
10      setStudents(response.data);
11    } catch (error) {
12      console.error(error.message);
13    }
14  }
15
16  useEffect(() => {
17    fetchStudents();
18  }, []);
19
20  return (
21    <div style={{ textAlign: 'center' }}>
22      <h1>Students</h1>
23      <table border='1' align="center" style={{ width: 'auto', height: 'auto' }}>
24        <thead>
25          <tr>
26            <th>Full Name</th>
27            <th>ID</th>
28            <th>Year</th>
29            <th>Branch</th>
30            <th>Semester</th>
31            <th>Course</th>
32            <th>Faculty</th>
33            <th>Section</th>
34          </tr>
35        </thead>
36        <tbody>
37          <tr>
38            {Array.isArray(students) && students.length > 0 ? (
39              students.map((student, index) => (
40                <tr key={index}>
41                  <td>{student.fullname}</td>
42                  <td>{student.id}</td>
43                  <td>{student.year}</td>
44                  <td>{student.branch}</td>
45                  <td>{student.semester}</td>
46                </tr>
47              ))
48            ) : (
49              <tr>
50                <td colspan="8" style={{ text-align: 'center' }}>No Students Found</td>
51              </tr>
52            )}
53          </tbody>
54        </table>
55      </div>
56    );
57  }
58}


```

Line 31 Col 30 Spaces 2 UTF-8 CR LF ⓘ JavaScript ⓘ Go Live ⓘ Spell ⓘ Prettier ⓘ

ENG IN 23:14 18-03-2024

FACULTY MODULE:-

SDPROJECT

```

File Edit Selection View Go Run Terminal Help ⏴ → SDPROJECT
# faculty.css ×

frontendsapp > acreactapp > src > faculty > # faculty.css > input[type="text"]

EXPLORER
SDPROJECT
└─ backendapp
  └─ frontendapp\acreactapp
    ├─ node_modules
    └─ src
      ├─ adm
      ├─ faculty
        └─ faculty.css
      ├─ main
      ├─ students
      └─ App.css
        └─ App.js
        └─ App.test.js
      └─ index.css
      └─ index.js
      └─ logo.svg
      └─ reportWebVitals.js
      └─ setupTests.js
      └─ gitignore
      └─ package-lock.json
      └─ package.json
      └─ README.md

      OUTLINE
      TIMELINE
      SONARQUIZ ISSUE LOCATIONS
      Scanning... SonarLint focus overall code
      26°C Party cloudy

```

```

SDPROJECT
# faculty.css ×

frontendsapp > acreactapp > src > faculty > # faculty.css > input[type="text"]
1 form {
2   margin: auto;
3   width: 300px;
4   text-align: center;
5 }
6
7 label {
8   display: block;
9   margin-bottom: 5px;
10  font-weight: bold;
11  text-align: center;
12 }
13
14 input[type="text"],
15 input[type="password"],
16 input[type="number"],
17 input[type="email"],
18 select,
19 input[type="date"],
20 textarea {
21   width: calc(100% - 40px);
22   padding: 10px;
23   margin-bottom: 10px;
24   border: 1px solid #ccc;
25   border-radius: 4px;
26   box-sizing: border-box;
27 }
28
29 button[type="submit"] {
30   background-color: #darkred;
31   color: white;
32   padding: 15px 20px;
33   border: none;
34   border-radius: 4px;
35   cursor: pointer;
36   font-size: 16px;
37 }
38
39 button[type="submit"]:hover {
40   background-color: #555;
41 }


```

Line 16 Col 24 Spaces 2 UTF-8 CR LF ⓘ CSS ⓘ Go Live ⓘ Spell ⓘ Prettier ⓘ

ENG IN 23:15 18-03-2024

SDPROJECT

```
frontendapp > acreactapp > src > faculty > FacultyHome.js
1 import React from 'react';
2
3 export default function FacultyHome() {
4   return (
5     <div>
6       <h3>I am in Faculty Home page.</h3>
7     </div>
8   )
9 }
10
```

faculty.css

FacultyHome.js

FacultyLogin.js

FacultyNavBar.js

FacultyProfile.js

StudentRegistrations.js

main

students

App.css

App.js

App.test.js

index.css

index.js

logo.svg

reportWebVitals.js

setupTests.js

.gitignore

package-lock.json

package.json

README.md

OUTLINE

TIMELINE

SONARQUBE ISSUE LOCATIONS

Scanning... SonarLint focus: overall code

26°C Partly cloudy

ENG IN 23:15 18-03-2024

SDPROJECT

```
# faculty.css FacultyHome.js FacultyLogin.js
frontendapp > acreactapp > src > faculty > FacultyLogin.js
1 import React, { useState } from 'react';
2 import './faculty.css';
3 import axios from 'axios';
4 import { useNavigate } from 'react-router-dom';
5
6 export default function FacultyLogin()
7 {
8   const [formData, setFormData] = useState({
9     email: '',
10    password: ''
11  });
12  const [message, setMessage] = useState("");
13  const [error, setError] = useState("");
14
15  const navigate = useNavigate();
16
17  const handleChange = (e) => {
18    const { id, value } = e.target;
19    setFormData({ ...formData, [id]: value });
20  };
21
22  const handleSubmit = async (e) => {
23    e.preventDefault();
24    try {
25      const response = await axios.post("http://localhost:2032/checkfacultylogin", formData);
26      if (response.data!=null)
27      {
28        console.log(response.data);
29        navigate("/facultyhome");
30        // window.location.href="https://newerp.kianuniversity.in/"
31      }
32      else
33      {
34        setMessage("Login Failed")
35        setError("")
36      }
37    }
38    catch (error)
39    {
40      setMessage("")
41      setError(error.message)
42    }
43  };
44}
45;
```

faculty.css

FacultyHome.js

FacultyLogin.js

FacultyNavBar.js

FacultyProfile.js

StudentRegistrations.js

main

students

App.css

App.js

App.test.js

index.css

index.js

logo.svg

reportWebVitals.js

setupTests.js

.gitignore

package-lock.json

package.json

README.md

OUTLINE

TIMELINE

SONARQUBE ISSUE LOCATIONS

Scanning... SonarLint focus: overall code

26°C Partly cloudy

ENG IN 23:16 18-03-2024

SDPROJECT

```
1 import React from 'react'
2
3 export default function FacultyProfile() {
4   return (
5     <div>
6       <h3>I am in Faculty Profile Page</h3>
7     </div>
8   )
9 }
10
```

faculty.css FacultyHome.js FacultyLogin.js FacultyNavbar.js FacultyProfile.js

faculty.css FacultyHome.js FacultyLogin.js FacultyNavbar.js FacultyProfile.js StudentRegistration.js

main students App.css App.js App.test.js index.css index.js logo.svg reportWebVitals.js setupTests.js .gitignore package-lock.json package.json README.md

Scanning, SonarLint focus overall code

26°C Partly cloudy

SDPROJECT

```
1 import React, { useState } from 'react';
2 import axios from 'axios';
3
4 export default function StudentRegistration() {
5   const [formData, setFormData] = useState({
6     fullname: '',
7     id: '',
8     gender: '',
9     dateofbirth: '',
10    email: '',
11    password: '',
12    year: '',
13    branch: '',
14    semester: '',
15    course: '',
16    section: '',
17    contact: ''
18  });
19
20 //message state variable
21 const [message, setMessage] = useState('');
22 //error state variable
23 const [error, setError] = useState('');
24
25 const handleChange = (e) =>
26   (
27     setFormData({ ...formData, [e.target.id]: e.target.value });
28   );
29
30 // It updates the state 'formData' by adding or updating a property with a key equal to
31 // the ID of the input field
32 // that triggered the change event (e.target.id). The value of this property is
33 // set to the new value entered in that input field (e.target.value).
34
35 const handleSubmit = async (e) =>
36   (
37     e.preventDefault();
38     try {
39       const response = await axios.post('http://localhost:2032/insertjobseeker', formData);
40       if (response.status === 200)
41         (
42           setMessage(response.data.message);
43         );
44     } catch (err) {
45       setError(err.message);
46     }
47   );
48 }
```

faculty.css FacultyHome.js FacultyLogin.js FacultyNavbar.js FacultyProfile.js StudentRegistration.js

main students App.css App.js App.test.js index.css index.js logo.svg reportWebVitals.js setupTests.js .gitignore package-lock.json package.json README.md

Scanning, SonarLint focus overall code

26°C Partly cloudy

SDPROJECT

```

File Edit Selection View Go Run Terminal Help ⏎ → SDPROJECT
EXPLORER
SDPROJECT
  > backendapp
    > frontendapp (acreactapp)
      > node_modules
      > public
        > admin
        > faculty
          # faculty.css
          # FacultyHome.js
          # FacultyLogin.js
          # FacultyNavBar.js
          # FacultyProfile.js
          # StudentRegistration.js
        > main
        > students
          # App.css
          # App.js
          # App.test.js
          # index.css
          # index.js
          logo.svg
        # reportWebVitals.js
        # setupTests.js
        .gitignore
        package-lock.json
        package.json
        README.md
        26°C Party cloudy
        Search
        Le 15, Col 6 Spaces: 2 UFT-8 CRLF JavaScript Go Live Spell Prettier ENG IN 23:17 18-03-2024

```

```

frontendapp > acreactapp > src > faculty > # StudentRegistration.js > StudentRegistration.js
  export default function StudentRegistration() {
    ...
    129       <option value="odd">Odd</option>
    130       <option value="even">Even</option>
    131     </select>
    132   </div>
    133   <div>
    134     <label>Courses</label>
    135     <select id="courses" value={formData.courses} onChange={handleChange} required>
    136       <option value="">>Select Course</option>
    137       <option value="FSD">FSD</option>
    138       <option value="MSD">MSD</option>
    139       <option value="JFSD">JFSD</option>
    140       <option value="AUS">AUS</option>
    141     </select>
    142   </div>
    143   <div>
    144     <label>Section</label>
    145     <select id="section" value={formData.section} onChange={handleChange} required>
    146       <option value="">>Select Section</option>
    147       <option value="31">31</option>
    148       <option value="32">32</option>
    149       <option value="33">33</option>
    150       <option value="34">34</option>
    151       <option value="35">35</option>
    152       <option value="36">36</option>
    153       <option value="37">37</option>
    154       <option value="38">38</option>
    155       <option value="39">39</option>
    156     </select>
    157   </div>
    158   <div>
    159     <label>Contact</label>
    160     <input type="text" id="contact" value={formData.contact} pattern="[6789][0-9]{9}" placeholder="Must be 10 digits" onChange={handleChange} required />
    161   </div>
    162   <button type="submit">Register</button>
    163 </form>
    164 </div>
    165 </div>
    166 </div>
    167 }
  
```

MAIN:-

SDPROJECT

```

File Edit Selection View Go Run Terminal Help ⏎ → SDPROJECT
EXPLORER
SDPROJECT
  > backendapp
    > frontendapp (acreactapp)
      > node_modules
      > public
        > admin
        > faculty
          # faculty.css
          # FacultyHome.js
          # FacultyLogin.js
          # FacultyNavBar.js
          # FacultyProfile.js
          # StudentRegistration.js
        > main
          # About.js
          # About.jpg
        > students
          # App.css
          # App.js
          # App.test.js
          # index.css
          # index.js
          logo.svg
        # reportWebVitals.js
        # setupTests.js
        .gitignore
        package-lock.json
        package.json
        README.md
        26°C Party cloudy
        Search
        Le 15, Col 6 Spaces: 2 UFT-8 CRLF JavaScript Go Live Spell Prettier ENG IN 23:17 18-03-2024

```

```

frontendapp > acreactapp > src > main > # About.js > About
  import React from 'react';
  import { useState } from 'react';
  export default function About() {
    const [aboutImage, setAboutImage] = useState('About.jpg');
    return (
      <div>
        <img src={aboutImage} alt="profile" width='55%' />
        <p>To impart quality higher education and to undertake research and extension with emphasis on <br/>
        application and innovation that cater to the emerging societal needs through all-round development <br/>
        of students of all sections enabling them to be globally competitive and socially responsible citizens <br/>
        with intrinsic values.<br/>
        <br>
        <br>
        <b>Academic Programs:</b> KL University offers a wide range of undergraduate, postgraduate, <br/>
        and doctoral programs in various disciplines such as engineering, management, arts, <br/>
        science, pharmacy, law, and more.<br/>
        <br>
        <b>Placements:</b> KL University has a dedicated placement cell that facilitates campus placements for its students.<br/>
        It maintains strong ties with leading companies and organizations, and many students secure job offers through <br/>
        campus recruitment drives.<br/>
        <br>
        <br>
        <b>Student Life:</b> The university campus offers a vibrant and inclusive environment for students, with various clubs, <br/>
        cultural activities, sports events, and student organizations promoting extracurricular and co-curricular activities. <br/>
        Overall, KL University is renowned for its academic excellence, research initiatives, infrastructure, and holistic development <br/>
        of students, making it a sought-after destination for higher education in India.
      </div>
    );
  }
  
```

The screenshot shows the VS Code interface with the title bar "SDPPROJECT". The Explorer sidebar on the left lists files like faculty.css, FacultyHome.js, FacultyLogin.js, FacultyNavBar.js, FacultyProfiles.js, StudentRegistration.js, About.js, and Contact.js. The Contact.js file is open in the editor, displaying the following code:

```
1 import React, { useState } from 'react';
2 import './style.css'; // Import CSS file for styling
3
4 export default function Contact() {
5
6   const [formData, setFormData] = useState({
7     name: '',
8     email: '',
9     message: ''
10   });
11
12   const [message, setMessage] = useState('');
13   const [error, setError] = useState('');
14
15   const handleOnChange = (e) => {
16     setFormData({ ...formData, [e.target.id]: e.target.value });
17   };
18
19   const handleSubmit = async (e) => {
20     e.preventDefault();
21     try {
22       // Here you should make your API call or perform your form submission logic
23       // For demonstration purposes, I'm just setting a message
24       setMessage('Form submitted successfully');
25       setError('');
26
27       // Clearing form fields after submission
28       setFormData({
29         name: '',
30         email: '',
31         message: ''
32       });
33     } catch (error) {
34       setError(error.response.data);
35       setMessage(error.message);
36     }
37   };
38
39   return (
40     <div className="contact-background"> /* Apply a class to style the container */
41     <h3 align="center" className="contact-header">Contact Us</h3>
42     <div align="center">
43       <form onSubmit={handleSubmit}>
44         <div>
```

The screenshot shows the VS Code interface with the title bar "SDPPROJECT". The Explorer sidebar on the left lists files like faculty.css, FacultyHome.js, FacultyLogin.js, FacultyNavBar.js, FacultyProfiles.js, StudentRegistration.js, About.js, Contact.js, and Home.js. The Home.js file is open in the editor, displaying the following code:

```
1 import React from 'react';
2 import profile from './home.png';
3
4 export default function Home() {
5
6   return (
7     <div style={{ position: 'relative', textAlign: 'center', width: '100%', height: '100vh' }}>
8       <img src={profile} alt="profile" width="100%" height="100%" />
9       <div style={{ position: 'absolute', top: '50%', left: '50%', transform: 'translate(-50%, -50%)', color: 'white', textShadow: '2px 2px 4px rgba(0, 0, 0, 0.5)' }>
10         <h1 style={{ fontSize: '3em', fontWeight: 'bold', marginBottom: '1rem' }>Welcome to Our Academic Student Course Registration System</h1>
11         <p style={{ fontSize: '1.5rem', marginBottom: '2rem' }>Empowering students to manage their academic journey with ease.</p>
12         <button style={{ padding: '1rem 2rem', fontSize: '1.2rem', fontWeight: 'bold', backgroundColor: '#ff5722', color: 'white', border: 'none', borderRadius: '5px' }}>
13           Get Started
14         </button>
15       </div>
16     </div>
17   );
18 }
```

Screenshot of VS Code showing the MainNavBar.js file in the SDPPROJECT workspace.

```
1 import React from 'react';
2 import { Routes, Route, Link } from 'react-router-dom';
3 import Home from './Home';
4 import About from './About';
5 import AdminLogin from '../admin/AdminLogin';
6 import StudentLogin from '../students/StudentLogin';
7 import FacultyLogin from '../Faculty/FacultyLogin';
8 import Contact from './Contact';
9
10 import './style.css'; // Import your CSS file for styling
11 import logo from './Logo.jpg'; // Import your logo image file
12
13 export default function MainNavBar() {
14   return (
15     <div className="container"> /* Container for limiting the width */
16     <div className="navabar">
17       <div className="navabar-container">
18         <Link to="/" className="navabar-brand">
19           <img alt="Student Academic Course Registration System" width={100} height={40} />
20         </Link>
21         <ul className="navabar-nav">
22           <li className="nav-item">
23             <Link to="/" className="nav-link">Home</Link>
24           </li>
25           <li className="nav-item">
26             <Link to="/about" className="nav-link">About</Link>
27           </li>
28           <li className="nav-item dropdown">
29             <a href="#" className="dropdown-link">Login</a>
30             <div className="dropdown-content">
31               <Link to="/studentlogin" className="dropdown-item">Student Login</Link>
32               <Link to="/facultylogin" className="dropdown-item">Faculty Login</Link>
33               <Link to="/adminlogin" className="dropdown-item">Admin Login</Link>
34             </div>
35           </li>
36           <li className="nav-item">
37             <Link to="/contact" className="nav-link">Contact</Link>
38           </li>
39         </ul>
40       </div>
41     </div>
42   </div>
43   <Routes>
44     <Route path="/" element={Home} /> exact
45     <Route path="/about" element={About} /> exact
46   </Routes>
47 
```

Screenshot of VS Code showing the style.css file in the SDPPROJECT workspace.

```
1 /* Navbar container */
2 .navabar {
3   background-color: #05043b;
4   color: white;
5   padding: 10px 20px;
6   background-image: url("https://images.unsplash.com/photo-1513077202514-c511b41bd4c7?q=80&w=205&auto=format&fit=crop&xlib=r9-4.0.38&ixid=M3w0MjA3fDB8PHtsaG90byIxYw");
7   background-size: cover;
8   background-position: center;
9 }
10
11 .navbar-container {
12   display: flex;
13   justify-content: space-between;
14   align-items: center;
15 }
16
17 .navabar-brand {
18   font-size: 1.5rem;
19   text-decoration: none;
20   color: black;
21 }
22
23 .navabar-nav {
24   list-style-type: none;
25   margin: 0;
26   padding: 0;
27   display: flex;
28   align-items: center;
29 }
30
31 .nav-item {
32   margin-right: 20px;
33 }
34
35 .nav-link,
36 .dropdown {
37   text-decoration: none;
38   color: white;
39   font-weight: bold;
40 }
41
42 .dropdown {
43   position: relative;
44 }
```

STUDENT MODULE:-

The screenshot shows the VS Code interface with the file 'student.css' open in the center editor pane. The code defines styles for form elements, specifically for a login or registration form. It includes styles for the form itself, labels, input fields (text, password, number, email, date), and a submit button. The submit button has a dark red background, white text, and a larger font size when hovered over.

```
1 form {
2   margin: auto;
3   width: 300px;
4   text-align: center;
5 }
6 label {
7   display: block;
8   margin-bottom: 5px;
9   font-weight: bold;
10  text-align: center;
11 }
12 input[type='text'],
13 input[type='password'],
14 input[type='number'],
15 input[type='email'],
16 select,
17 input[type='date'],
18 textarea {
19   width: calc(100% - 40px);
20   padding: 10px;
21   margin-bottom: 10px;
22   border: 1px solid #ccc;
23   border-radius: 4px;
24   box-sizing: border-box;
25 }
26
27 button[type='submit'] {
28   background-color: #darkred;
29   color: white;
30   padding: 15px 20px;
31   border: none;
32   border-radius: 4px;
33   cursor: pointer;
34   font-size: 16px;
35 }
36
37 button[type='submit']:hover {
38   background-color: #555;
39 }
```

The screenshot shows the VS Code interface with the file 'StudentLogin.js' open in the center editor pane. This is a functional component for handling student login. It uses useState to manage form data, message, error, and navigate. It handles changes to the email and password inputs, and a handleSubmit function that sends a POST request to 'http://localhost:2032/checkstudentlogin'. If the response is successful, it navigates to '/studenthome'. If there's an error, it sets the message and error state accordingly.

```
1 import React, { useState } from 'react';
2 import './student.css'
3 import axios from 'axios';
4 import { useNavigate } from 'react-router-dom';
5
6 export default function StudentLogin()
7 {
8   const [formData, setFormData] = useState({
9     email: '',
10    password: ''
11  });
12
13  const [message, setMessage] = useState("");
14  const [error, setError] = useState("");
15
16  const navigate = useNavigate();
17
18  const handleChange = (e) => {
19    const [id, value] = e.target;
20    setFormData({ ...formData, [id]: value });
21  };
22
23  const handleSubmit = async (e) => {
24    e.preventDefault();
25    try {
26      const response = await axios.post("http://localhost:2032/checkstudentlogin", formData);
27      if (response.data != null)
28      {
29        console.log(response.data);
30        setMessage("/studenthome");
31        navigate("/studenthome");
32        // window.location.href="https://newerp.kluniversity.in/";
33      }
34      else
35      {
36        setMessage("Login Failed");
37        setError("");
38      }
39    }
40    catch (error)
41    {
42      setMessage("");
43      setError(error.message);
44    }
45  };
46}
```

The screenshot shows the VS Code interface with the title bar "SDPPROJECT". The Explorer sidebar on the left shows a project structure with folders like "SDPROJECT", "backendapp", and "frontendapp\acreactapp". The "src" folder contains files such as "Contact.js", "Home.js", "MainNavBar.js", "About.jpg", "style.css", "student.css", "StudentHome.js", "StudentLogin.js", "StudentNavBar.js", "StudentProfile.js", "App.css", "App.js", "App.test.js", "index.css", "index.js", "logo.svg", "reportWebVitals.js", "setupTests.js", ".gitignore", "package-lock.json", "package.json", and "README.md". The "OUTLINE" view on the right shows the structure of the "StudentProfile.js" file. The main editor area displays the code for "StudentProfile.js":

```
1 import React from 'react';
2
3 export default function StudentProfile() {
4   return (
5     <div>
6       <h3>I am in Student Profile</h3>
7     </div>
8   )
9 }
10
```

APP.JS:-

The screenshot shows the VS Code interface with the title bar "SDPROJECT". The Explorer sidebar on the left shows a project structure with folders like "SDPROJECT", "backendapp", and "frontendapp\acreactapp". The "src" folder contains files such as "MainNavBar.js", "About.jpg", "style.css", "student.css", "StudentHome.js", "StudentLogin.js", "StudentNavBar.js", "StudentProfile.js", "App.css", "App.js", "App.test.js", "index.css", "index.js", "logo.svg", "reportWebVitals.js", "setupTests.js", ".gitignore", "package-lock.json", "package.json", and "README.md". The "OUTLINE" view on the right shows the structure of the "App.js" file. The main editor area displays the code for "App.js":

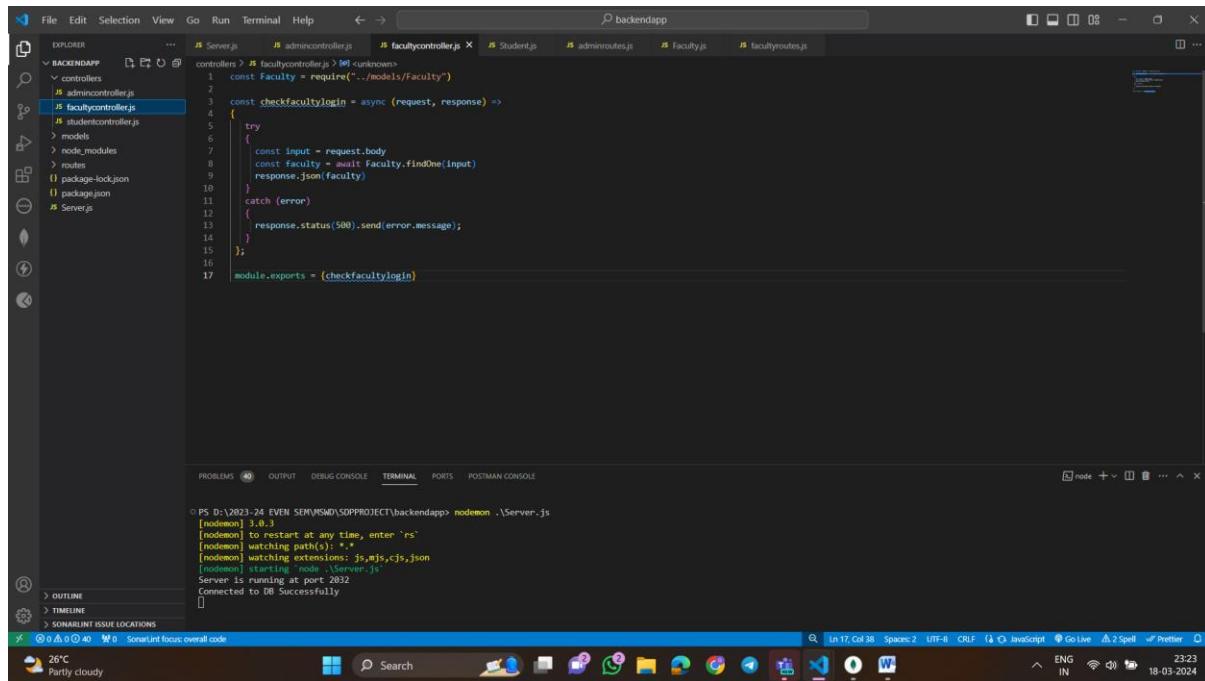
```
1 //imports
2 //import logo from './logo.svg';
3 //import './App.css';
4 import {BrowserRouter as Router} from 'react-router-dom'
5 import MainNavBar from './main/MainNavBar';
6 import AdminNavBar from './admin/AdminNavBar';
7
8 function App() {
9   return (
10   <div className="App">
11     <h3 align="center">Academic Student Course Registration System</h3>
12     <Router>
13       <MainNavBar/>
14       <AdminNavBar/>
15     </Router>
16   </div>
17 }
18
19 export default App;
20
```

BACKEND:-

The screenshot shows a Microsoft Visual Studio Code (VS Code) interface with the following details:

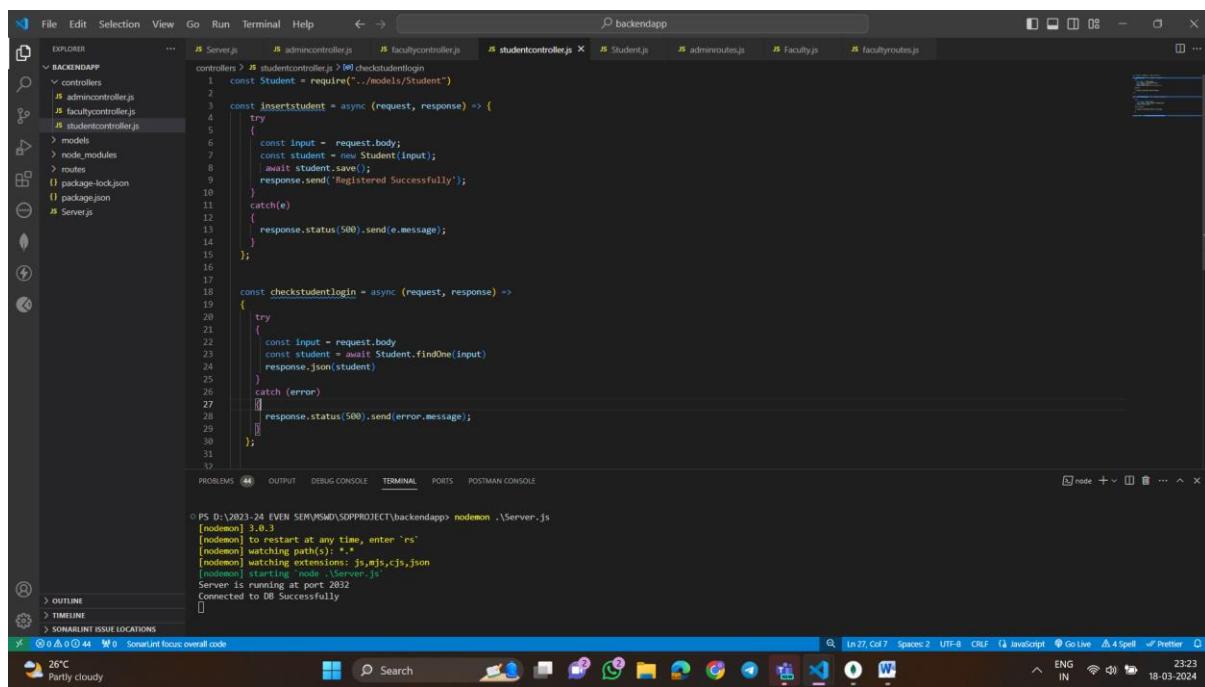
- File Explorer:** Shows a project structure under "BACKENDAPP" with folders "controllers", "models", "node_modules", and "routes". Inside "routes", files "adminroutes.js", "facultyroutes.js", and "studentroutes.js" are listed.
- Code Editor:** The active file is "adminroutes.js". The code defines an Express Router named "adminrouter" that handles routes for adding, viewing, and deleting students.
- Terminal:** The terminal shows the command "nodemon .\Server.js" being run, and the output indicates the server is running at port 2032 and connected to the database successfully.
- Status Bar:** Shows SonarLint focus: overall code, weather (26°C, Partly cloudy), system icons (Search, Taskbar icons), and system status (ENG IN, 18-03-2024).

CONTROLLERS:-



```
const Faculty = require("../models/Faculty")
const checkFacultyLogin = async (request, response) => {
  try {
    const input = request.body
    const faculty = await Faculty.findOne(input)
    response.json(faculty)
  } catch (error) {
    response.status(500).send(error.message)
  }
}

module.exports = {checkFacultyLogin}
```



```
const Student = require("../models/Student")
const insertStudent = async (request, response) => {
  try {
    const input = request.body
    const student = new Student(input)
    await student.save()
    response.send("Registered Successfully")
  } catch (e) {
    response.status(500).send(e.message)
  }
}

const checkstudentLogin = async (request, response) => {
  try {
    const input = request.body
    const student = await Student.findOne(input)
    response.json(student)
  } catch (error) {
    response.status(500).send(error.message)
  }
}

module.exports = {insertStudent, checkstudentLogin}
```

MODELS:-

VS Code interface showing the Admin.js file in the Explorer sidebar. The code defines an Admin schema using Mongoose:

```
const mongoose = require('mongoose');
const adminSchema = new mongoose.Schema({
  username: {
    type: String,
    required: true,
    unique: true
  },
  password: {
    type: String,
    required: true
  }
});
const admin = mongoose.model('Admin', adminSchema);
module.exports = admin;
```

The terminal shows the server starting successfully on port 2032:

```
PS D:\2023-24 EVEN SEM\MSW\SDPPROJECT\backendapp> nodemon .\Server.js
[nodemon] 1.8.1
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): ***!
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting node .\Server.js
Server is running at port 2032
Connected to DB Successfully
```

VS Code interface showing the Faculty.js file in the Explorer sidebar. The code defines a Faculty schema using Mongoose:

```
const mongoose = require('mongoose');
const facultySchema = new mongoose.Schema({
  fullname: {
    type: String,
    required: true,
    unique: true
  },
  id: {
    type: Number,
    required: true,
    unique: true
  },
  email: {
    type: String,
    required: true,
    unique: true
  },
  branch: {
    type: String,
    required: true
  },
  course: [
    {
      type: String,
      required: true
    }
  ],
  section: [
    {
      type: String,
      required: true
    }
  ]
});
```

The terminal shows the server starting successfully on port 2032:

```
PS D:\2023-24 EVEN SEM\MSW\SDPPROJECT\backendapp> nodemon .\Server.js
[nodemon] 3.0.3
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): ***!
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting node .\Server.js
Server is running at port 2032
Connected to DB Successfully
```

```

models > JS Student.js ...
1 const mongoose = require("mongoose");
2
3 const studentSchema = new mongoose.Schema({
4   fullname: {
5     type: String,
6     required: true
7   },
8   id: {
9     type: Number,
10    required: true,
11    unique: true
12  },
13   gender: {
14     type:String,
15     required:true,
16     enum:[ 'male','female','others']
17   },
18   email: {
19     type:String,
20     required:true,
21     unique: true
22   },
23   year: {
24     type: Number,
25     required: true
26   },
27   branch: {
28     type:String,
29     required:true,
30     enum:[ 'cse','ece','ai&ds','bba','mba','ba']
31   },
32   semester: [
33 ]
34 })
35
36 module.exports = mongoose.model('Student', studentSchema);

```

PS D:\2023-24 EVEN SEM\MSM\SDP\PROJECT\backendapp> nodemon .\Server.js

[nodemon] 3.0.3
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node .\Server.js`
Server is running at port 2023
Connected to DB Successfully

ROUTES:-

```

routes > JS adminroutes.js ...
1 const admincontroller = require("../controllers/admincontroller")
2
3 const express = require("express")
4 const adminrouter = express.Router()
5
6 // admin routes
7 adminrouter.post("/addstudent",admincontroller.addstudent)
8 adminrouter.get("/viewstudent",admincontroller.viewstudents)
9 adminrouter.post("/checkadminlogin",admincontroller.checkadminlogin)
10 adminrouter.delete("/deleteteststudent/:email",admincontroller.deleteteststudent)
11
12 adminrouter.post("/addfaculty",admincontroller.addfaculty)
13 adminrouter.get("/viewfaculty",admincontroller.viewfaculty)
14 adminrouter.delete("/deletefaculty/:email",admincontroller.deletefaculty)
15
16 module.exports = adminrouter

```

PS D:\2023-24 EVEN SEM\MSM\SDP\PROJECT\backendapp> nodemon .\Server.js

[nodemon] 3.0.3
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node .\Server.js`
Server is running at port 2023
Connected to DB Successfully

The screenshot shows the VS Code interface with the following details:

- File Explorer:** Shows the project structure under "BACKENDAPP" with files like Admin.js, Faculty.js, Student.js, adminroutes.js, and facultyroutes.js.
- Editor:** Displays the content of the facultyroutes.js file:

```
routes > JS facultyroutes.js [0] <unknown>
1 const facultycontroller = require("../controllers/facultycontroller")
2
3 const express = require("express")
4 const facultyrouter = express.Router()
5
6 //recruiter routes
7 facultyrouter.post("/checkfacultylogin",facultycontroller.checkFacultyLogin)
8
9 module.exports = facultyrouter
```
- Terminal:** Shows the command line output from running node server.js:

```
PS D:\2023-24 EVEN SEM\MSMD\SOPPROJECT\backendapp> nodemon .\Server.js
[nodemon] 3.0.3
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node ./Server.js`
Server is running at port 2023
Connected to DB Successfully
```
- Bottom Status Bar:** Shows the date (18-03-2024), time (23:25), and weather (26°C, Partly cloudy).

The screenshot shows the VS Code interface with the following details:

- File Explorer:** Shows the project structure under "BACKENDAPP" with files like Admin.js, Faculty.js, Student.js, adminroutes.js, facultyroutes.js, and studentroutes.js.
- Editor:** Displays the content of the studentroutes.js file:

```
routes > JS studentroutes.js [0] <unknown>
1 const studentcontroller = require("../controllers/studentcontroller")
2
3 const express = require("express")
4 const studentrouter = express.Router()
5
6 // student routes
7 studentrouter.post("/insertstudent",studentcontroller.insertstudent)
8 studentrouter.post("/checkstudentlogin",studentcontroller.checkstudentlogin)
9
10 module.exports = studentrouter
```
- Terminal:** Shows the command line output from running node server.js:

```
PS D:\2023-24 EVEN SEM\MSMD\SOPPROJECT\backendapp> nodemon .\Server.js
[nodemon] 3.0.3
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node ./Server.js`
Server is running at port 2023
Connected to DB Successfully
```
- Bottom Status Bar:** Shows the date (18-03-2024), time (23:25), and weather (26°C, Partly cloudy).

SERVER.JS:-

The screenshot shows the VS Code interface with the following details:

- File Explorer:** Shows the project structure under "BACKENDAPP". The "Server.js" file is selected.
- Code Editor:** Displays the content of the "Server.js" file. The code sets up an Express app, connects to MongoDB at port 27017, and includes routes for Admin, Student, and Faculty.
- Terminal:** Shows the command "node .\Server.js" being run, followed by the Node.js startup logs and the message "Server is running at port 2032".
- Bottom Status Bar:** Shows the date (18-03-2024), time (23:25), and weather (26°C Partly cloudy).

```
const express = require("express")
const mongoose = require("mongoose")
const cors = require("cors")

const dburl = "mongodb://localhost:27017/sdpproject32"
mongoose.connect(dburl).then(() => {
    console.log("Connected to DB Successfully")
}).catch((err) => {
    console.log(err.message)
});

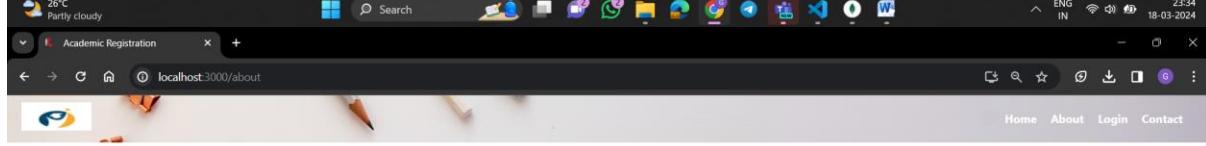
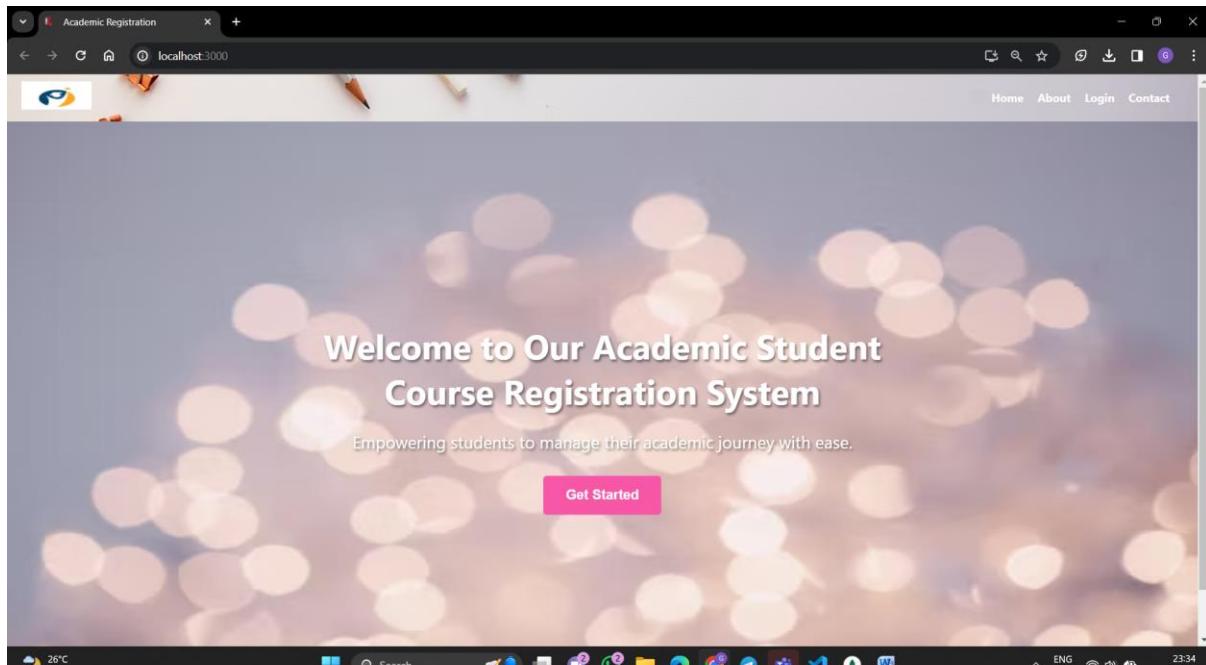
const app = express()
app.use(express.json()) // to parse JSON data
app.use(cors())

const adminrouter = require("./routes/adminroutes")
const studentrouter = require("./routes/studentroutes")
const facultyrouter = require("./routes/facultyroutes")

app.use("",adminrouter) //includes admin routes
app.use("",studentrouter) //it includes jobseeker routes
app.use("",facultyrouter)

const port=2032
app.listen(port,()=>{
    console.log(`Server is running at port ${port}`)
})
```

OUTPUTS:-



The screenshot shows a web browser window with the URL `localhost:3000/about`. The page has a header with a logo and navigation links for Home, About, Login, and Contact. A sidebar on the right contains links for Student Login, Faculty Login, and Admin Login. The main content area contains text about the university's mission, academic programs, placements, and student life, along with a photograph of a person working on a laptop.

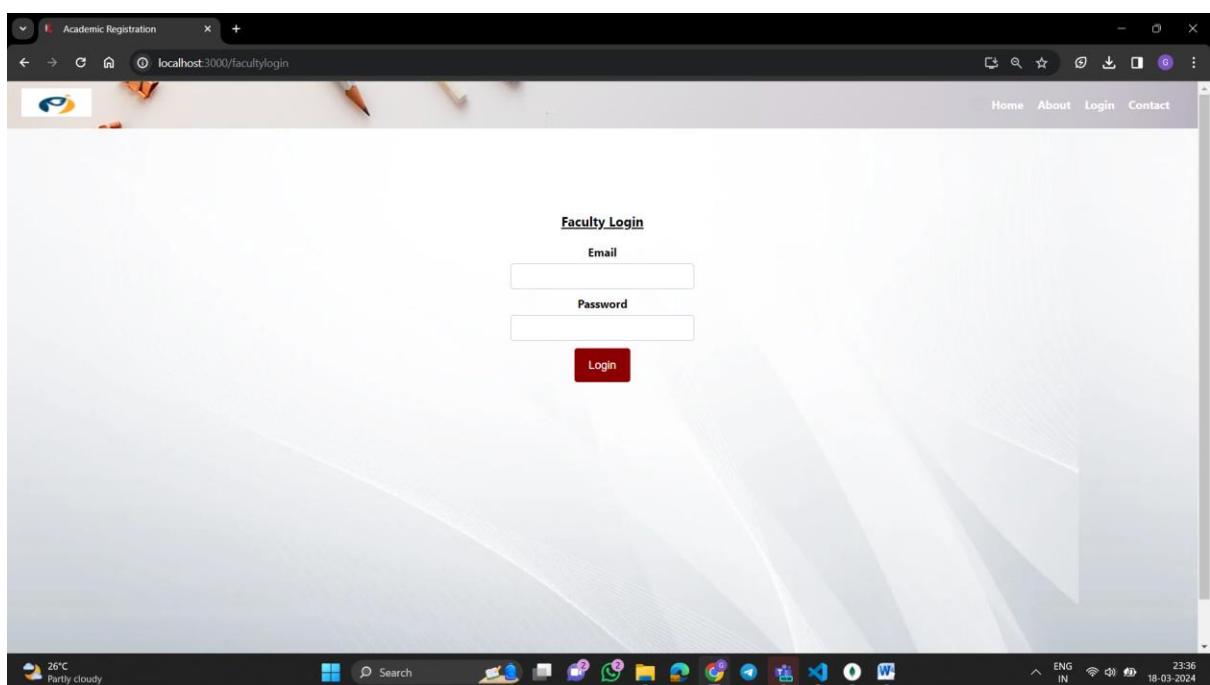
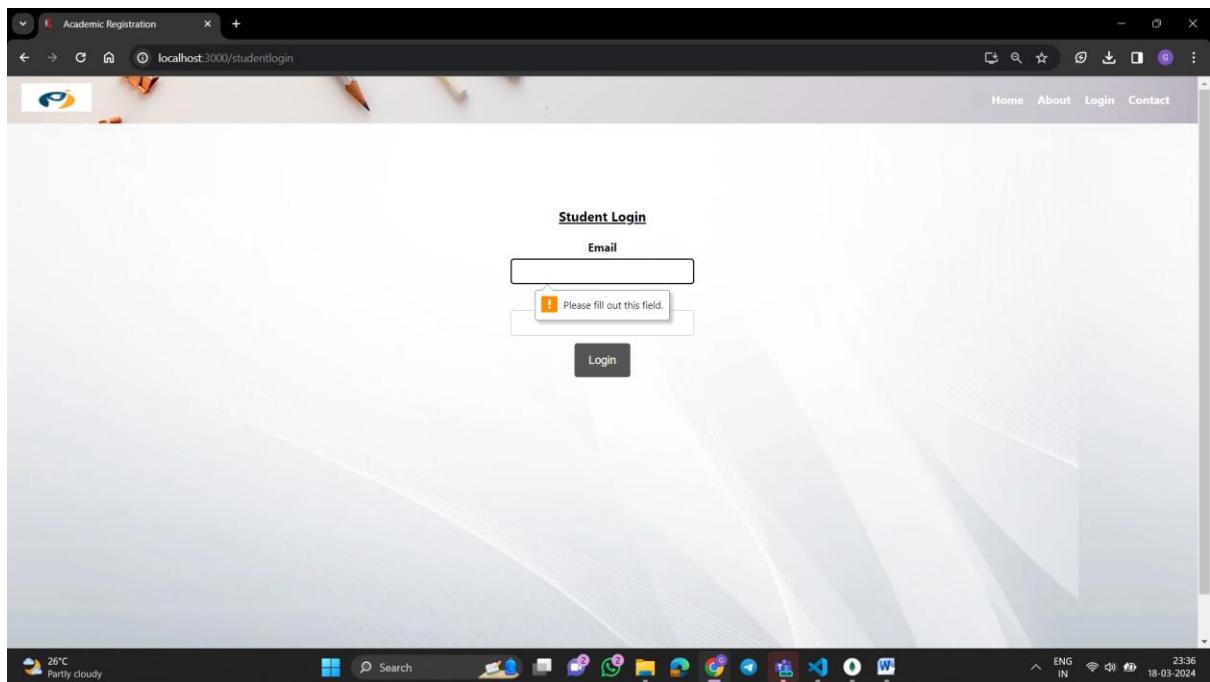
To impart quality higher education and to undertake research and extension with emphasis on application and innovation that cater to the emerging societal needs through all-round development of students of all sections enabling them to be globally competitive and socially responsible citizens with intrinsic values.

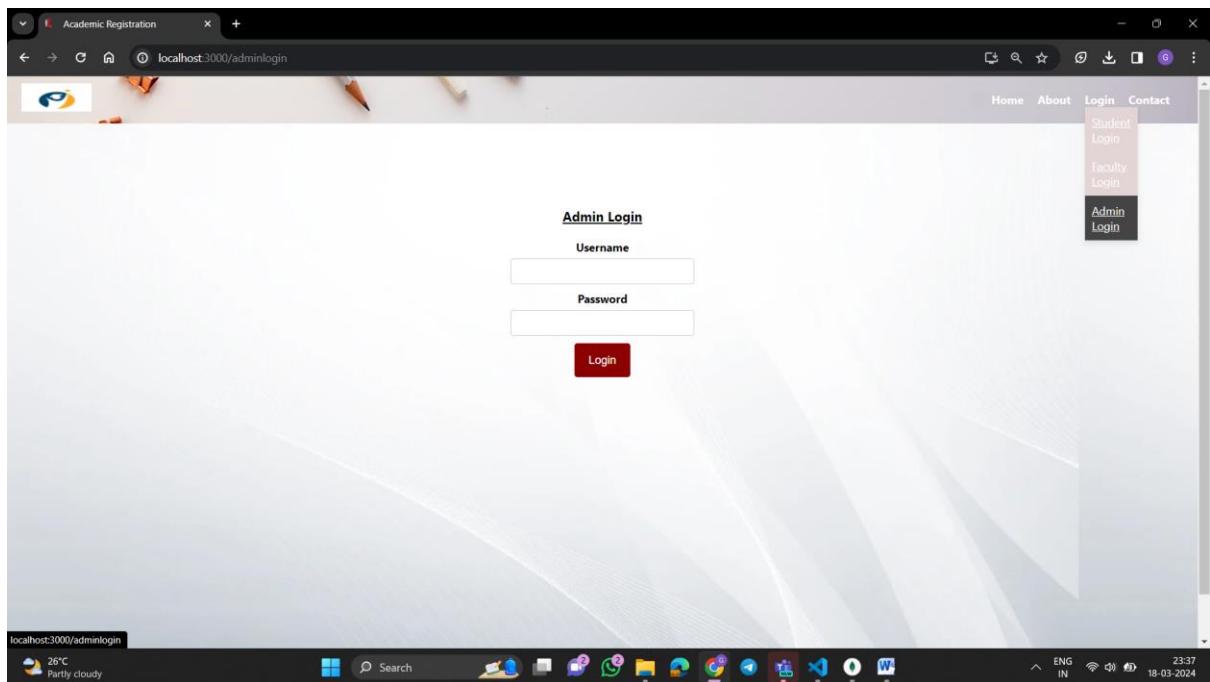
Academic Programs: KL University offers a wide range of undergraduate, postgraduate, and doctoral programs in various disciplines such as engineering, management, arts, science, pharmacy, law, and more.

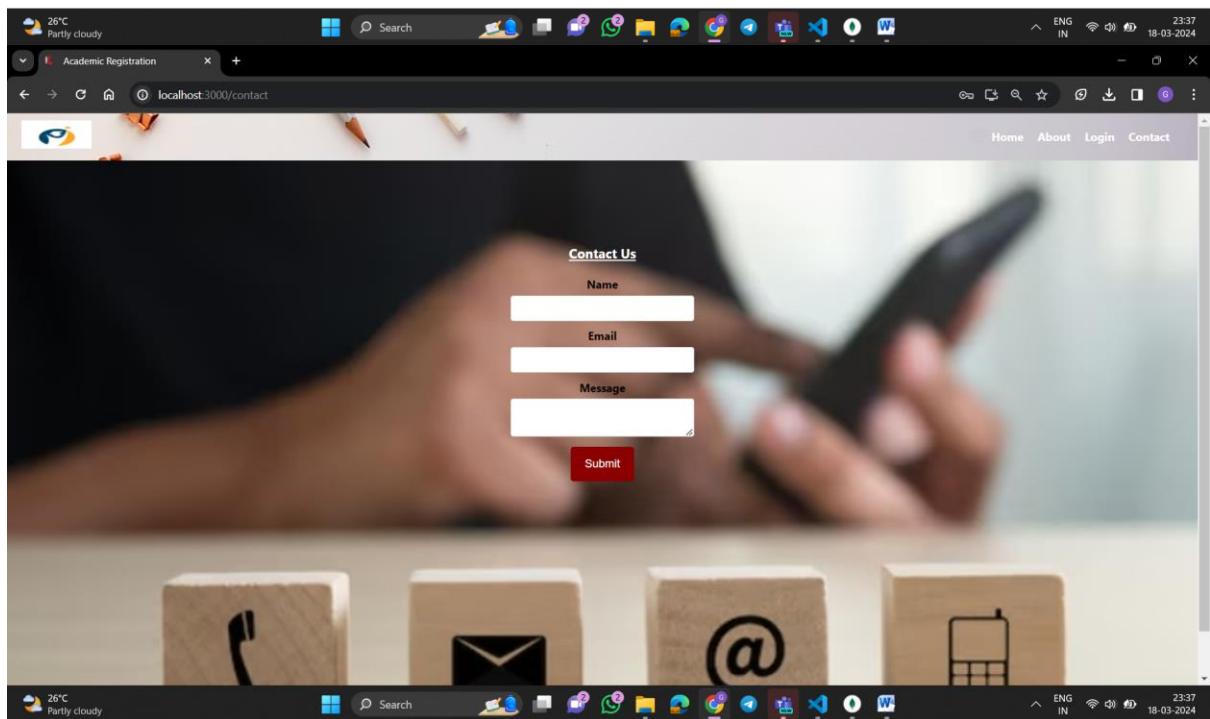
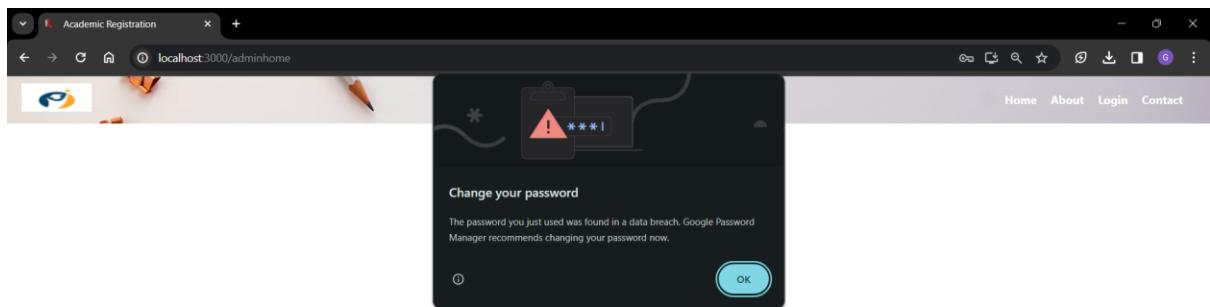
Placements: KL University has a dedicated placement cell that facilitates campus placements for its students. It maintains strong ties with leading companies and organizations, and many students secure job offers through campus recruitment drives.

Student Life: The university campus offers a vibrant and inclusive environment for students, with various clubs, cultural activities, sports events, and student organizations promoting extracurricular and co-curricular activities. Overall, KL University is renowned for its academic excellence, research initiatives, infrastructure, and holistic development of students, making it a sought-after destination for higher education in India.

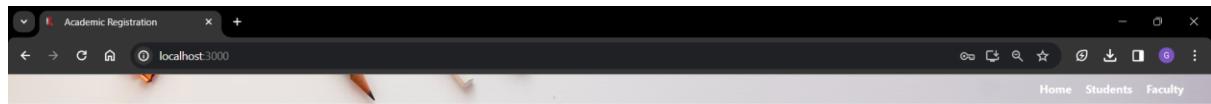
The screenshot shows a web browser window with the URL `localhost:3000/studentlogin`. The page has a header with a logo and navigation links for Home, About, Login, and Contact. A sidebar on the right contains links for Student Login, Faculty Login, and Admin Login. The main content area features a "Student Login" form with fields for Email and Password, and a red "Login" button.







AdminNavBar:



Welcome to our website



Welcome to our website



Academic Registration

localhost:3000/registration

Full Name
P.Veda Vyshnavi

ID
2200030722

Gender
Female

Email
2200030722@kluniversity.in

Year
2

Branch
CSE

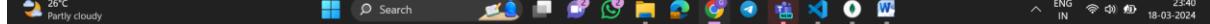
Semester
Even

Courses
MSWD

Section
32

Faculty
31-32 J Surya Kiran

Register



Academic Registration

localhost:3000/registration

Registered Successfully

Full Name

ID

Gender
Select Gender

Email

Year

Branch
Select Branch

Semester
Select Semester

Courses
Select Course

Section
Select Section

Faculty
Select Faculty



Academic Registration

localhost:3000/addstudent

Home Students Faculty

Add Student

Added Successfully

Full Name

ID

Gender
 Select Gender

Email

Year

Branch
 Select Branch

Semester
 Select Semester

Courses
 Select Course

Section
 Select Section

26°C Partly cloudy

Search

ENG IN 23:41 18-03-2024

Academic Registration

localhost:3000/viewstudents

Home Students Faculty

Students

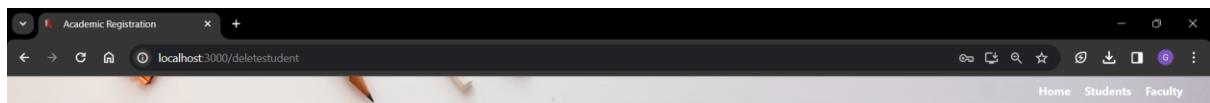
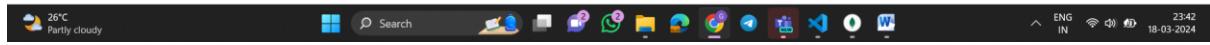
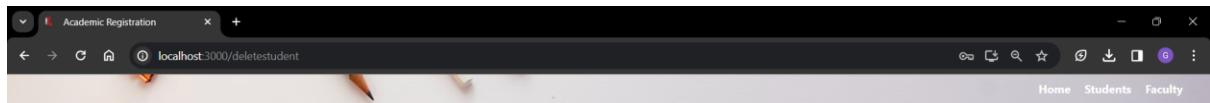
Full Name	ID	Year	Branch	Semester	Course	Faculty	Section
G Divya Sri	22000030179	2	cse	even	mswd	j surya kiran	32
P.Naga Satwika	22000030180	2	cse	even	mswd	seetha	32
P.Veda Vyshnavi	2200030722	2	cse	even	mswd	j surya kiran	32
J.MeenaKshi	2200030181	2	cse	even	mswd	hari	36

26°C Partly cloudy

Search

ENG IN 23:41 18-03-2024





A screenshot of a web browser window titled "Academic Registration". The URL is "localhost:3000/deletestudent". The page displays a table of student information under the heading "Students". The table has columns: Full Name, ID, Email, Year, Branch, Semester, Course, Faculty, Section, and Action. The data in the table is as follows:

Full Name	ID	Email	Year	Branch	Semester	Course	Faculty	Section	Action
G Divya Sri	2200030179	2200030179@kluniversity.in	2	cse	even	mswd	j surya kiran	32	Delete
P.Naga Satwika	2200030180	2200030180@kluniversity.in	2	cse	even	mswd	seetha	32	Delete
P.Veda Vyshnavi	2200030722	2200030722@kluniversity.in	2	cse	even	mswd	j surya kiran	32	Delete

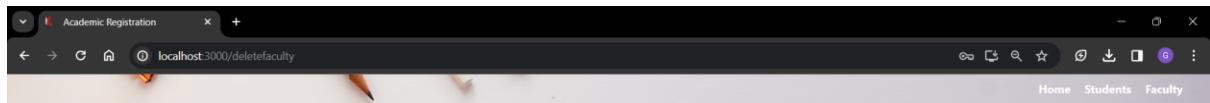
The right side of the screen shows a sidebar with navigation links: Home, Students, Faculty, Add Faculty (highlighted), View Faculty, and Delete faculty.

A screenshot of a web browser window titled "Academic Registration". The URL is "localhost:3000/addfaculty". The page displays a form titled "Add Faculty" with the message "Added Successfully". The form fields are:

- Full Name:
- ID:
- Email:
- Branch:
- Courses:
- Section:

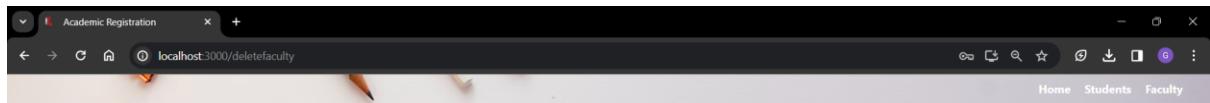
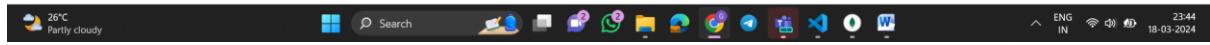
A red "Add" button is at the bottom of the form.





Faculty

Full Name	ID	Email	Branch	Course	Section	Action
J SURYA KIRAN	4654	suryakiran@gmail.com	cse	mswd	32	Delete
SEETHA	4655	seetha@gmail.com	cse	pfsd	31	Delete
HARI	1234	hari@gmail.com	ai&ds	jfsd	34	Delete



Faculty

Full Name	ID	Email	Branch	Course	Section	Action
SEETHA	4655	seetha@gmail.com	cse	pfsd	31	Delete
HARI	1234	hari@gmail.com	ai&ds	jfsd	34	Delete



MongoDB Compass - localhost:27017/sdpproject32.admins

Connect Edit View Collection Help

localhost:27017 ...

My Queries admin admins

1 DOCUMENTS 2 INDEXES

Documents Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or [Generate query](#):

[Filter](#) Explain Reset Find Options

[ADD DATA](#) [EXPORT DATA](#) [UPDATE](#) [DELETE](#)

1-1 of 1 ⏪ ⏴ ⏵ ⏹ ⏷ ⏸ ⏹ ⏸ ⏵ ⏹ ⏷ ⏷

_id: ObjectId('65f84e553198a6f061ed602e')
username: "admin"
password: "admin"

... MONGOSH
26°C Party cloudy Search ENG IN 23:45 18-03-2024

This screenshot shows the MongoDB Compass interface for the 'admins' collection in the 'sdpproject32' database. It displays two documents. The first document has an '_id' of '65f84e553198a6f061ed602e', a 'username' of 'admin', and a 'password' of 'admin'. The second document is currently selected, showing its details. The sidebar on the left lists various databases and collections, with 'admins' being the active collection. The bottom status bar shows system information like temperature and date.

MongoDB Compass - localhost:27017/sdpproject32.faculties

Connect Edit View Collection Help

localhost:27017 ...

My Queries faculties

2 DOCUMENTS 3 INDEXES

Documents Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or [Generate query](#):

[Filter](#) Explain Reset Find Options

[ADD DATA](#) [EXPORT DATA](#) [UPDATE](#) [DELETE](#)

1-2 of 2 ⏪ ⏴ ⏵ ⏹ ⏷ ⏸ ⏹ ⏸ ⏵ ⏹ ⏷ ⏷

_id: ObjectId('65f552f984454cec79f00a9a')
fullname: "SEETHA"
id: 4655
email: "seetha@gmail.com"
branch: "cse"
course: "fsd"
section: "31"
__v: 0

_id: ObjectId('65f8843fa2572cef400987c0')
fullname: "HARI"
id: 1234
email: "hari@gmail.com"
branch: "siids"
course: "ifsds"
section: "34"
__v: 0

... MONGOSH
26°C Party cloudy Search ENG IN 23:45 18-03-2024

This screenshot shows the MongoDB Compass interface for the 'faculties' collection in the 'sdpproject32' database. It displays two documents. The first document has a 'fullname' of 'SEETHA', 'id' of 4655, 'email' of 'seetha@gmail.com', 'branch' of 'cse', 'course' of 'fsd', 'section' of '31', and a '__v' value of 0. The second document is currently selected, showing its details. The sidebar on the left lists various databases and collections, with 'faculties' being the active collection. The bottom status bar shows system information like temperature and date.

MongoDB Compass - localhost:27017/sdpproject32.students

Connect Edit View Collection Help

localhost:27017 ...

My Queries students

sdpproject32.students

2 DOCUMENTS 3 INDEXES

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or [Generate query](#):

ADD DATA EXPORT DATA UPDATE DELETE

1–3 of 3 ⌂ ⌃ ⌄ ⌅ ⌆ ⌇ ⌈ ⌉ ⌊ ⌋ ⌊ ⌋

_id: ObjectId('65f53828fd13fa562091023')
fullname : "O. Divya Sri"
id : 22800380179
gender : "female"
email : "2206030179@kluniversity.in"
password : "1234"
year : 2
branch : "cse"
semester : "even"
course : "eswd"
section : "32"
faculty : "j surya kiran"
__v : 0

_id: ObjectId('65f539d0fd13fa562091027')
fullname : "P.Naga Satwika"
id : 2280038180
gender : "female"
email : "2206030180@kluniversity.in"
password : "12345"
year : 2
branch : "cse"
semester : "even"
course : "eswd"
section : "32"

>_MONGOSH

26°C Party cloudy

Search ⌂ ⌃ ⌄ ⌅ ⌆ ⌇ ⌈ ⌉ ⌊ ⌋ ⌊ ⌋

ENG IN 23:45 18-03-2024

MongoDB Compass - localhost:27017/sdpproject32.students

Connect Edit View Collection Help

localhost:27017 ...

My Queries students

sdpproject32.students

2 DOCUMENTS 3 INDEXES

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or [Generate query](#):

ADD DATA EXPORT DATA UPDATE DELETE

1–3 of 3 ⌂ ⌃ ⌄ ⌅ ⌆ ⌇ ⌈ ⌉ ⌊ ⌋ ⌊ ⌋

_id: 2280038180
gender : "female"
email : "2206030180@kluniversity.in"
password : "12345"
year : 2
branch : "cse"
semester : "even"
course : "eswd"
section : "32"
faculty : "seetha"
__v : 0

_id: ObjectId('65f883a0a2572cef400987b5')
fullname : "P.Veda Vyshnavi"
id : 2280038722
gender : "female"
email : "2206030722@kluniversity.in"
password : "12345"
year : 2
branch : "cse"
semester : "even"
course : "eswd"
section : "32"
faculty : "j surya kiran"
__v : 0

>_MONGOSH

26°C Party cloudy

Search ⌂ ⌃ ⌄ ⌅ ⌆ ⌇ ⌈ ⌉ ⌊ ⌋ ⌊ ⌋

ENG IN 23:45 18-03-2024