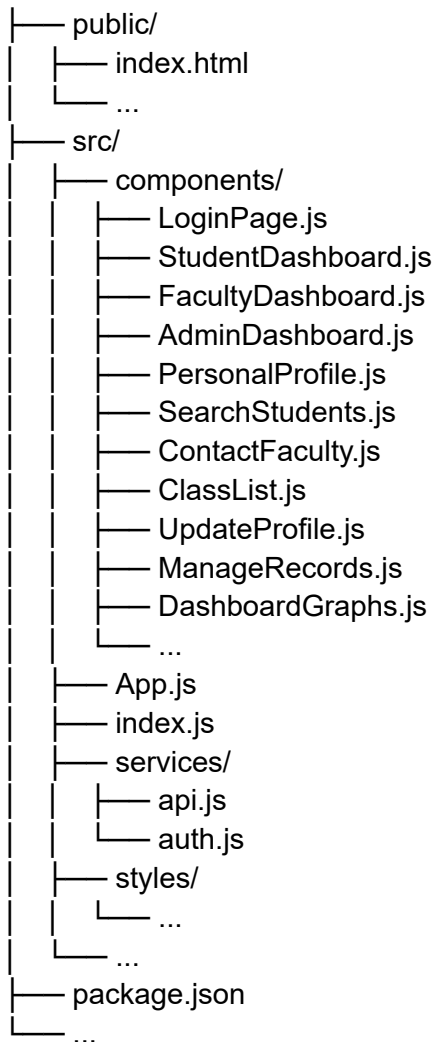
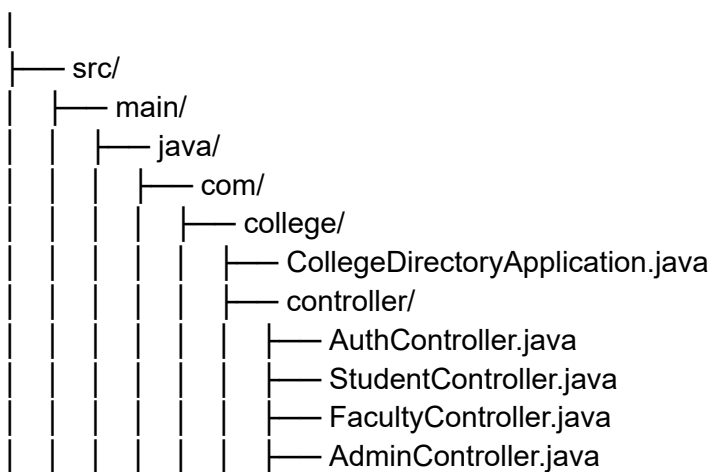


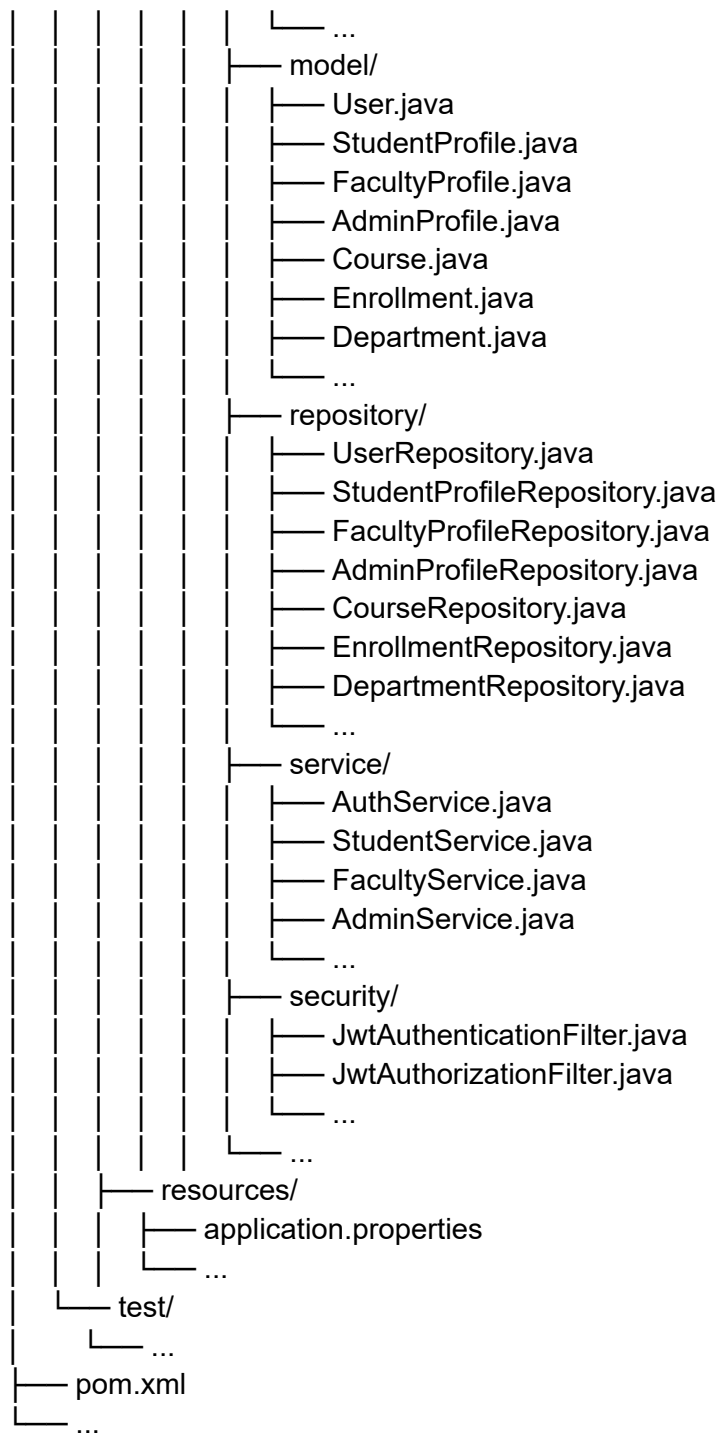
Frontend (React)

college-directory-frontend/



Backend (Java Spring Boot)college-directory-backend/





Frontend Code

```
public/index.html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>College Directory</title>
```

```
</head>
<body>
  <div id="root"></div>
</body>
</html>
```

src/index.js

```
import React from 'react';
import ReactDOM from 'react-dom';
import App from './App';
import './styles/index.css';
```

```
ReactDOM.render(
  <React.StrictMode>
    <App />
  </React.StrictMode>,
  document.getElementById('root')
);
```

src/App.js

```
import React from 'react';
import { BrowserRouter as Router, Route, Switch } from 'react-router-dom';
import LoginPage from './components/LoginPage';
import StudentDashboard from './components/StudentDashboard';
import FacultyDashboard from './components/FacultyDashboard';
import AdminDashboard from './components/AdminDashboard';
import './styles/App.css';
```

```
function App() {
  return (
    <Router>
      <Switch>
        <Route path="/" exact component={LoginPage} />
        <Route path="/student" component={StudentDashboard} />
        <Route path="/faculty" component={FacultyDashboard} />
        <Route path="/admin" component={AdminDashboard} />
      </Switch>
    </Router>
  );
}
```

```
export default App;
```

src/components/LoginPage.js

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

```

import { useHistory } from 'react-router-dom';
import { login } from '../services/auth';
import './LoginPage.css';

const LoginPage = () => {
  const [username, setUsername] = useState("");
  const [password, setPassword] = useState("");
  const [role, setRole] = useState('Student');
  const [error, setError] = useState("");
  const history = useHistory();

  const handleSubmit = async (e) => {
    e.preventDefault();
    try {
      await login({ username, password, role });
      if (role === 'Student') history.push('/student');
      if (role === 'Faculty Member') history.push('/faculty');
      if (role === 'Administrator') history.push('/admin');
    } catch (err) {
      setError('Invalid credentials');
    }
  };

  return (
    <div className="login-page">
      <form onSubmit={handleSubmit}>
        <input
          type="text"
          placeholder="Username"
          value={username}
          onChange={(e) => setUsername(e.target.value)}
        />
        <input
          type="password"
          placeholder="Password"
          value={password}
          onChange={(e) => setPassword(e.target.value)}
        />
        <select value={role} onChange={(e) => setRole(e.target.value)}>
          <option value="Student">Student</option>
          <option value="Faculty Member">Faculty Member</option>
          <option value="Administrator">Administrator</option>
        </select>
        <button type="submit">Login</button>
        {error && <p className="error">{error}</p>}
      </form>
    </div>
  );
};

```

```
};
```

```
export default LoginPage;
```

```
src/components/StudentDashboard.js
```

```
import React from 'react';
```

```
import PersonalProfile from './PersonalProfile';
```

```
import SearchStudents from './SearchStudents';
```

```
import ContactFaculty from './ContactFaculty';
```

```
import './StudentDashboard.css';
```

```
const StudentDashboard = () => {
```

```
  return (
```

```
    <div className="student-dashboard">
```

```
      <h1>Student Dashboard</h1>
```

```
      <PersonalProfile />
```

```
      <SearchStudents />
```

```
      <ContactFaculty />
```

```
    </div>
```

```
  );
```

```
};
```

```
export default StudentDashboard;
```

```
src/components/PersonalProfile.js
```

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

```
import { getStudentProfile } from '../services/api';
```

```
import './PersonalProfile.css';
```

```
const PersonalProfile = () => {
```

```
  const [profile, setProfile] = useState(null);
```

```
  useEffect(() => {
```

```
    const fetchProfile = async () => {
```

```
      const data = await getStudentProfile();
```

```
      setProfile(data);
```

```
    };
```

```
    fetchProfile();
```

```
  }, []);
```

```
  if (!profile) return <p>Loading...</p>;
```

```
  return (
```

```
    <div className="personal-profile">
```

```
      <h2>Personal Profile</h2>
```

```
      <img src={profile.photo} alt={profile.name} />
```

```
      <p>Name: {profile.name}</p>
```

```
      <p>Email: {profile.email}</p>
```

<p>Phone: {profile.phone}</p>
<p>Department: {profile.department}</p>
<p>Year: {profile.year}</p>
<h3>Courses</h3>