



Mahidol University

Wisdom of the Land

Faculty of Information and Communication Technology, Mahidol University

Project Phase2: Web Services & API

ITCS212 – Web Programming

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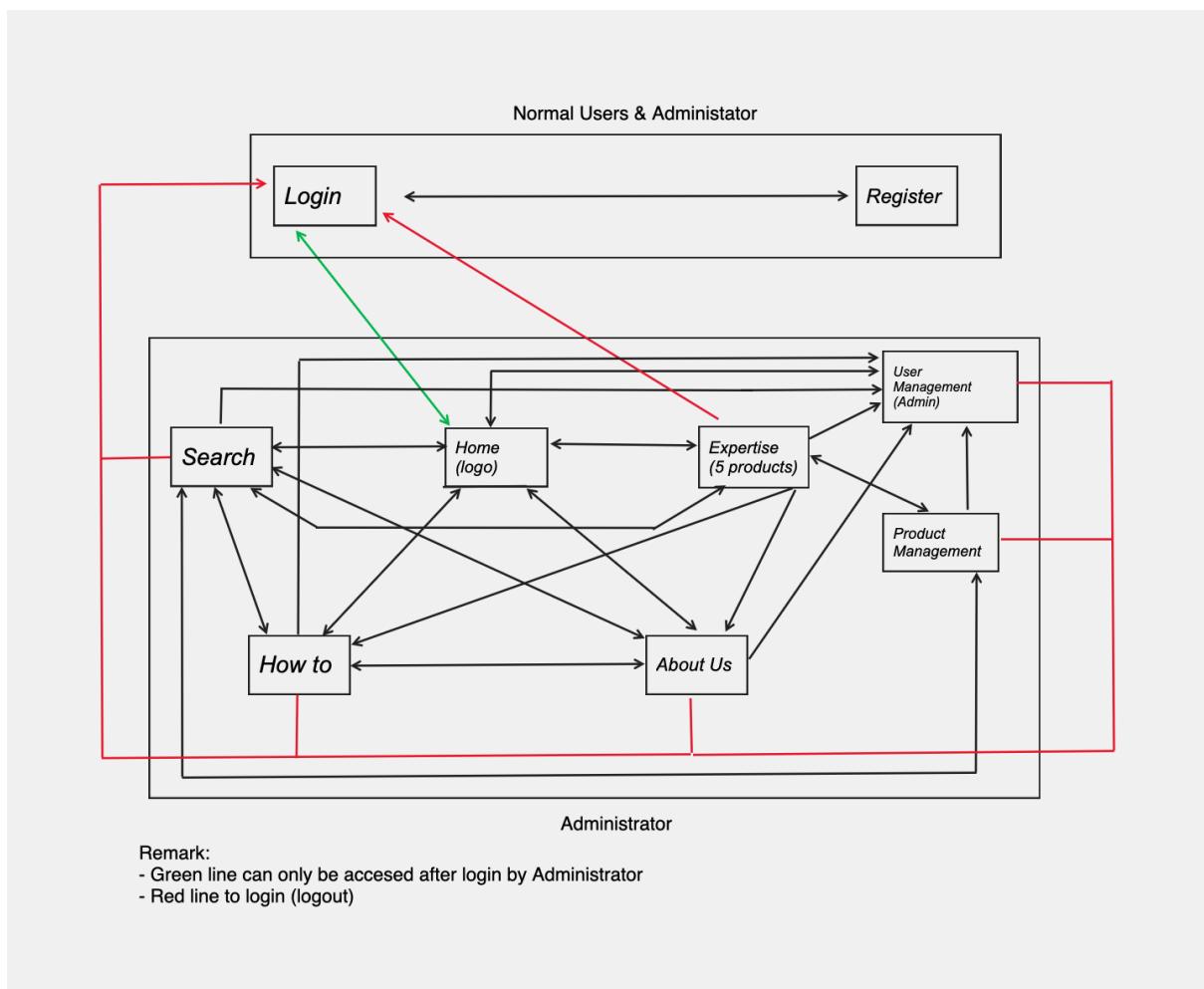
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Overview

BeXpert is both a talent and hiring manager center and an online portfolio platform where people can create portfolios to showcase their skills and advance their careers. It is a place where professionals can display their specialization and work in an organized manner. You can easily customize your portfolio with the different sections provided by our website (Bio, Skills, Education, Experience, Contact, and also your CV/ Resume) . Whether you're a freelancer looking for new opportunities, a recent graduate entering the job market, or an established professional looking to expand your network, our website can help you achieve your goals.

Navigation Diagram

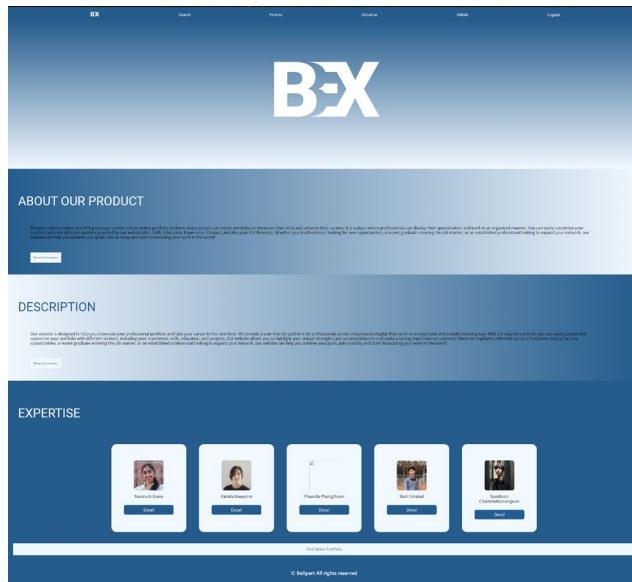


Code for Web Application

HTML

Home

```
48 | <body>
49 |   <nav>
50 |     <!-- <iframe src=". /nav.html" frameborder="0"></iframe> -->
51 |     <div id="nav_header" style="width: 100%; height: 40px"></div>
52 |   </nav>
53 |
54 |   <section class="brandsection">
55 |     <div>
56 |       
57 |     </div>
58 |   </section>
59 |
60 |   <section class="section1">
61 |     <div>
62 |       <h1 class="topicfont1">ABOUT OUR PRODUCT</h1>
63 |     </div>
64 |     <div class="descriptionfont1">
65 |       <h2>
66 |         BExpert is both a talent and hiring manager center and an online
67 |         portfolio platform where people can create portfolios to showcase
68 |         their skills and advance their careers. It is a place where
69 |         professionals can display their specialization and work in an
70 |         organized manner. You can easily customize your portfolio with the
71 |         different sections provided by our website (Bio, Skills, Education,
72 |         Experience, Contact, and also your CV/ Resume). Whether you're a
73 |         freelancer looking for new opportunities, a recent graduate entering
74 |         the job market, or an established professional looking to expand your
75 |         network, our website can help you achieve your goals. Join us today
76 |         and start showcasing your work to the world!
77 |       </h2>
78 |       <br /><br /><br />
79 |       <a href="AboutUs.html" class="borderbutton">More Information</a>
80 |     </div>
81 |   </section>
82 |
83 |   <section class="section2">
84 |     <div>
85 |       <h1 class="topicfont2">DESCRIPTION</h1>
86 |     </div>
87 |     <div class="descriptionfont2">
88 |       <h2>
89 |         Our website is designed to help you showcase your professional
90 |         portfolio and take your career to the next level. We provide a
91 |         user-friendly platform for professionals across industries to display
92 |         their work in an organized and visually stunning way. With our
93 |         easy-to-use tools, you can easily upload and customize your portfolio
94 |         with different sections, including your experience, skills, education,
95 |         and projects. Our website allows you to highlight your unique
96 |         strengths and accomplishments and make a lasting impression on
97 |         potential clients or employers. Whether you're a freelancer looking
98 |         for new opportunities, a recent graduate entering the job market, or
         an established professional looking to expand your network, our
         website can help you achieve your goals. Join us today and start
         showcasing your work to the world!
99 |       </h2>
100 |      <br /><br /><br />
101 |      <a href="How_to_Use.html" class="borderbutton">More Information</a>
102 |    </div>
103 |  </section>
```



About Us

```
<body>
| | | <!-- for nav -->
<nav>
| | | <!-- <iframe src="./nav.html" frameborder="0"></iframe>-->
| | | <div id="nav_header" style="width: 100%; height: 40px;"></div>
</nav>
<section class="brandsection">
<!-- About Us page -->
<!-- BeXpert logo -->
<div>
| | | 
</div>
<header>
| | | <h1 class="topicfont">ABOUT US</h1>
</header>
<!-- Text for About us-->
<article class="AboutUs">
<section class="abouttext">
BeXpert is both a talent and hiring manager center and an online portfolio platform where people can create portfolios to showcase their skills and advance their careers. It is a place where professionals can display their specialization and work in an organized manner. You can easily customize your portfolio with the different sections provided by our website (Bio, Skills, Education, Experience, Contact, and also your CV/ Resume) . Whether you're a freelancer looking for new opportunities, a recent graduate entering the job market, or an established professional looking to expand your network, our website can help you achieve your goals. Join us today and start showcasing your work to the world!
</section>
</article>
</section>
```

```
54 | | | <!-- Title for Our team -->
55 | | | <header>
56 | | | | <h1 class="topicfont">OUR TEAM</h1>
57 | | | </header>
58 |
59 | | | <!-- Table for member -->
60 | | | <!-- INFO 1 (Navaluck)-->
61 | | | <div class="div-responsive-table">
62 | | | | <article class="container" id="container"></article>
63 |
64 | | | <!-- footer -->
65 | | | <footer id="nav_footer" style="width: 100%;"></footer>
66 | | | <script>
67 | | | | $(function () {
68 | | | | | const boxexpert = $("#container");
69 | | | | | boxexpert.html("");
70 | | | | | fetch("http://localhost:3000/expert").then((res) => {
71 | | | | | res.json().then((data) => {
72 | | | | | if (data.success) {
73 | | | | | | for (let index = 0; index < 5; index++) {
74 | | | | | | | const expert = data.datas[index];
75 | | | | | | | const expertElement = document.createElement("article");
76 | | | | | | | expertElement.className = "column";
77 | | | | | | | expertElement.innerHTML = `
78 | | | | | | <div class="bannerimage" alt="Responsive image">
79 | | | | | | 
80 | | | | | | </div>
81 | | | | | | <br>
82 | | | | | | <h4 class="desfontname">${expert.fname} ${expert.lname}</h4>
83 | | | | | | <a href = "mailto: ${expert.email}" class="desfontname">${expert.email}</a>
84 | | | | | | <section class="dummy_text desfont">
85 | | | | | | | ${expert.about}
86 | | | | | | </section>
87 | | | | | | </article>';
88 | | | | | | boxexpert.append(expertElement);
89 | | | | | }
90 | | | | } }
```

BX

ABOUT US

BxExpert is both a talent and hiring manager center and an online portfolio platform where people can create portfolios to showcase their skills and advance their careers. It is a place where professionals can display their specialization and work in an organized manner. You can easily customize your portfolio with the different sections provided by our website (Bio, Skills, Education, Experience, Contact, and also your CV/ Resume). Whether you're a freelancer looking for new opportunities, a recent graduate entering the job market, or an established professional looking to expand your network, our website can help you achieve your goals. Join us today and start showcasing your work to the world!

How to use

```

25   <body>
26     <!-- for nav -->
27   <nav>
28     <!-- <iframe src="/nav.html" frameborder="0"></iframe>-->
29     <div id="nav_header" style="width: 100%; height: 40px;"> </div>
30   </nav>
31
32   <section class="brandsection">
33     <h1 class="logo">
34       | HOW TO USE Bxpert
35     </h1>
36   </section>
37
38   <!-- How to use for company where it's order in bullet points-->
39   <article class="container">
40     <article class="column">
41       <h4 id="companyFOR COMPANY"></h4>
42       <!-- bullet point for how to -->
43       <ul id="Step">
44         <li class="desfont">Login or Register to Bxpert</li>
45         <li class="desfont">Search for the position your company wants (search by Name, Skills, Experience)</li>
46         <li class="desfont">Choose the right person for your organization by going to their profile for more information and CV/Resume</li>
47         <li class="desfont">Contact them using the contact provided</li>
48       </ul>
49       <!-- Add how to use picture -->
50       <div class="Company how">
51         
52       </div>
53     </article>

```



```

55   <article class="column">
56     <h4 id="user">FOR USER</h4>
57     <!-- bullet point for how to -->
58     <ul id="Step">
59       <li class="desfont">Login or Register to Bxpert</li>
60       <li class="desfont">Create a portfolio by adding your personal information </li>
61       <li class="desfont">Add Bio Skills, Experience, Education, Skills, Contact and CV/Resume (Add your interest position in the BIO) </li>
62       <li class="desfont">Wait for the Company to contact you via given contact </li>
63     </ul>
64     <!-- Add how to use picture -->
65     <div class="Company how">
66       
67     </div>
68   </article>
69   <br>
70
71   <!-- footer -->
72   <footer id="nav_footer" style="width: 100%;"></footer>
73
74 </body>
75 </html>

```



FOR COMPANY

- Login or Register to BeXpert
- Search for the position your company wants (search by Name, Skills, Experience)
- Choose the right person for your organization by going to their profile for more information and CV/Resume
- Contact them using the contact provided

FOR USER

- Login or Register to BeXpert
- Create a portfolio by adding your personal information
- Add Bio Skills, Experience, Education, Skills, Contact and CV/Resume (Add your interest position in the BIO)
- Wait for the Company to contact you via given contact

FOR COMPANY

- Login or Register to BeXpert
- Search for the position your company wants (search by Name, Skills, Experience)
- Choose the right person for your organization by going to their profile for more information and CV/Resume
- Contact them using the contact provided

FOR USER

- Login or Register to BeXpert
- Create a portfolio by adding your personal information
- Add Bio Skills, Experience, Education, Skills, Contact and CV/Resume (Add your interest position in the BIO)
- Wait for the Company to contact you via given contact

Search

```

39 | <div class="row mb-3">
40 |   <div class="col d-flex justify-content-center">
41 |     <div class="d-flex">
42 |       <select
43 |         class="form-select me-2"
44 |         id="search-option"
45 |         name="search_choice"
46 |         required
47 |       >
48 |         <option selected disabled value="">Filter by</option>
49 |         <option value="name">Name</option>
50 |         <option value="skills">Skills</option>
51 |         <option value="about">Bio</option>
52 |       </select>
53 |       <input
54 |         type="text"
55 |         class="form-control me-2"
56 |         placeholder="Search"
57 |         aria-label="Search"
58 |         name="filter"
59 |         id="filter"
60 |       />
61 |       <button class="btn btn-primary me-2" type="button" onclick="search()">
62 |         Search
63 |       </button>
64 |       <button
65 |         id="add-btn"
66 |         class="btn btn-secondary"
67 |         type="button"
68 |         onclick="adDEXpert()"
69 |       >
70 |       +
71 |     </button>
72 |     <!-- <button class="id btn-secondary" type="button">+</button> -->
73 |   </div>
74 | </div>
75 | </div>

```

```

79 |     <div
80 |       class="modal fade"
81 |       id="conformDeleteModal"
82 |       tabindex="-1"
83 |       role="dialog"
84 |       aria-labelledby="exampleModalCenterTitle"
85 |       aria-hidden="true"
86 |     >
87 |       <div class="modal-dialog modal-dialog-centered" role="document">
88 |         <div class="modal-content">
89 |           <div class="modal-header">
90 |             <h5 class="modal-title" id="exampleModalLongTitle">Delete?</h5>
91 |           </div>
92 |           <div class="modal-body">
93 |             <p>Confirm Delete Name: <span id="deleteName"></span> ?</p>
94 |           </div>
95 |           <div class="modal-footer">
96 |             <button
97 |               type="button"
98 |               class="btn btn-secondary"
99 |               onclick="closeModal()"
100 |             >
101 |               cancel
102 |             </button>
103 |             <button
104 |               type="button"
105 |               class="btn btn-danger"
106 |               onclick="deleteExpert()"
107 |             >
108 |               Delete
109 |             </button>
110 |           </div>
111 |         </div>
112 |       </div>
113 |     </div>
114 |   </body>

```

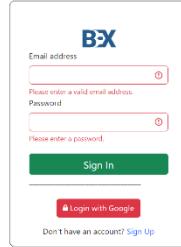


Login

```

23 <body>
24   <!-- Navigation bar -->
25   <nav>
26     <a href="index.html"></a>
27   </nav>
28
29   <!-- Login form -->
30   <div class="FillIn">
31     <h1 class="text-center"></h1>
32     <form action="/submit-login" method="POST">
33
34       <!-- Input field for email address -->
35       <div class="form-group was-validated">
36         <label class="form-label" for="email">Email address</label>
37         <input class="form-control" type="email" id="email" name="email" required>
38         <div class="valid-feedback">Email field is valid!</div>
39         <div class="invalid-feedback">Please enter a valid email address.</div>
40       </div>
41
42       <!-- Input field for Password -->
43       <div class="form-group was-validated">
44         <label class="form-label" for="password">Password</label>
45         <input class="form-control" type="password" id="password" name="password" required>
46         <div class="valid-feedback">Password field is valid!</div>
47         <div class="invalid-feedback">Please enter a password.</div>
48       </div>
49
50       <!-- This is a submit button -->
51       <input class="btn btn-success w-100" type="submit" value="Sign In" onclick="auth()">
52     </form>

```



Register

```

17 <body>
18   <!-- Navigation bar -->
19   <nav>
20     <a href="index.html"></a>
21   </nav>
22   <!-- Registration form -->
23   <div class="fillIn">
24     <h1 class="text-center"></h1>
25     <form id="register-form" class="needs-validation">
26
27       <!-- Input fields for username -->
28       <div class="form-group was-validated">
29         <label class="form-label" for="username">Username</label>
30         <input class="form-control" type="username" id="username" required>
31       </div>
32
33       <!-- Input fields for first and last name -->
34       <div class="form-group was-validated">
35         <label class="form-label" for="firstName">First Name</label>
36         <input class="form-control" type="text" id="firstName" name="name" required>
37         <label class="form-label" for="lastName">Last Name</label>
38         <input class="form-control" type="text" id="lastName" name="name" required>
39       </div>
40
41       <!-- Input field for email address -->
42       <div class="form-group was-validated">
43         <label class="form-label" for="email">Email Address</label>
44         <input class="form-control" type="email" id="email" required>
45       </div>
46
47       <!-- Input field for address -->
48       <div class="form-group was-validated">
49         <label class="form-label" for="address">Address</label>
50         <input class="form-control" type="text" id="address" name="address" required>
51       </div>

```

```

47     <!-- Input field for address -->
48     <div class="form-group was-validated">
49       <label class="form-label" for="address">Address</label>
50       <input class="form-control" type="text" id="address" name="address" required>
51     </div>
52
53     <!-- Input field for birth date -->
54     <div class="form-group was-validated">
55       <label class="form-label" for="BDAge">Birth Date</label>
56       <input class="form-control" type="date" id="BDAge" name="BDAge" required>
57     </div>
58
59     <!-- Input field for Password -->
60     <div class="form-group was-validated">
61       <label class="form-label" for="password">Create Password</label>
62       <input class="form-control" type="password" id="password" name="password" required>
63     </div>
64
65     <!-- This is a submit button -->
66     <input class="btn btn-success w-100" type="submit" value="Register" style="margin-top:20px;">
67   </form>
68
69   <!-- pop-up message -->
70   <div id="success-message" class="alert alert-success d-none" role="alert">
71     Registration successful!
72   </div>
73
74   <!-- This is a paragraph element with center alignment, top margin of 3 and bottom margin of 0, and inline style of 28px top margin. -->
75   <p class="text-center mt-3 mb-0" style="margin-top:28px;">
76     <!-- This is an anchor element with a hyperlink reference to "login.html", used for navigation to the login page. -->
77     Already have an account? <a href="login.html">Sign In</a></p>
78
79 </div>
80 </body>
81 </html>

```

The registration form consists of several input fields arranged vertically. At the top is a placeholder for 'Username'. Below it are fields for 'First Name' and 'Last Name', each with a small circular icon with a question mark. Next are fields for 'Email Address', 'Address', and 'Birth Date', also with question mark icons. A password field for 'Create Password' follows, also with a question mark icon. At the bottom is a large green 'Register' button.

Header

```

1   <!-- Bootstrap v5.3.0 -->
2   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Gh1TQ81RAaZL163oVWMSktQOpbb7InIZ13/Jr5
3   <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js" integrity="sha384-w76qPFDKHBXo5@j515gez6pr3xSM1Q1AGC+nuzB+8YdgRZigw
4
5   <!-- CSS File -->
6   <!-- <link rel="stylesheet" href="../css/form.css" -->
7   <link rel="stylesheet" href="../header_footer/header.css">
8
9   <!-- Bootstrap-->
10  <meta charset="utf-8">
11  <meta name="viewport" content="width=device-width, initial-scale=1">
12  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
13  <link rel="stylesheet" href="path/to/font-awesome/css/font-awesome.min.css">
14  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
15  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
16
17  <!-- W3School -->
18  <!-- <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css" -->
19
20  <nav>
21    <a href="#">img src="../picture/BEX_logo.png" height="40px" width="40px" alt="profile-picture"></a>
22    <a href="#">Expert</a>
23    <a href="#">How to</a>
24    <a href="#">About us</a>
25    <a href="#">Login</a>
26    <a href="#">Register</a>
27  </nav>

```



Footer

```

1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <title>BeXpert</title>
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6
7     <!-- Bootstrap -->
8     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Glh1TQB1RA8dZL1603oVW5ktQ0p6b7In1z13Jr5" />
9     <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js" integrity="sha384-w76AqPFDkMBXo38j51Sgez6p3x5M1Q1ZAGC+nuzB+EYdgRZgiw" />
10
11    <!-- CSS File -->
12    <link rel="stylesheet" href="../header_footer/footer.css">
13
14    <!--bootstrap-->
15    <meta charset="utf-8">
16    <meta name="viewport" content="width=device-width, initial-scale=1">
17    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css" rel="stylesheet">
18    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/@fortawesome/fontawesome-free@5.15.4/css/fontawesome.min.css">
19    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/@fortawesome/fontawesome-free@5.15.4/css/all.min.css">
20    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/js/gs.js"></script>
21
22  </head>
23
24  <!-- <footer> -->
25  <footer>
26    <div>
27      <div class="container text-center">
28        <p class="text-muted mb-0 py-2">
29          <a href="#">BeXpert All rights reserved</a>
30        </p>
31      </div>
32    </div>
33  </footer>
34
35 </html>

```

© BeXpert All rights reserved

CSS

Home

```

30 .brandsection {
31   font-family: 'Roboto', sans-serif;
32   background-image: linear-gradient( #255C8C , #aliceblue);
33   display: flex;
34   justify-content: center;
35 }
36
37 .logo {
38   height: 500px;
39   width: 500px;
40   margin-top: 50px;
41   margin-bottom: 50px;
42 }
43
44 .section1 {
45   background-image: linear-gradient(to right, #255C8C , #aliceblue);
46 }
47
48 .section2 {
49   background-image: linear-gradient(to right, #aliceblue , #255C8C);
50 }
51
52 .section3 {
53   background-color: #255C8C;
54 }
55
56 .topicfont1 {
57   color: #aliceblue;
58   font-family: 'Roboto', sans-serif;
59   font-size: 50px;
60   padding-left: 40px;
61   padding-top: 100px;
62 }

```

```

64     .descriptionfont1 {
65         font-family: 'Open Sans', sans-serif;
66         font-size: 12px;
67         font-style: normal;
68         color: black;
69         padding-top: 60px;
70         padding-bottom: 60px;
71         padding-left: 90px;
72         padding-right: 190px;
73     }
74
75     .topicfont2 {
76         color: #255C8C;
77         font-family: 'Roboto', sans-serif;
78         font-size: 50px;
79         padding-left: 40px;
80         padding-top: 100px;
81     }
82
83     .descriptionfont2 {
84         font-family: 'Open Sans', sans-serif;
85         font-size: 12px;
86         font-style: normal;
87         color: black;
88         padding-top: 60px;
89         padding-bottom: 60px;
90         padding-left: 90px;
91         padding-right: 190px;
92     }

```

About Us

```

1  @media only screen and (min-width: 801px) {
2
3      .brandsection {
4          font-family: 'Roboto', sans-serif;
5          background-image: linear-gradient(#255C8C , white);
6          display: block;
7          text-align: center;
8      }
9
10     .logo {
11         height: 300px;
12         width: 300px;
13         margin-top: 100px;
14         margin-bottom: 60px;
15     }
16
17     .topicfont {
18         font-family: 'Roboto', sans-serif;
19     }
20
21     .desfontname {
22         font-family: 'Roboto', sans-serif;
23     }
24
25     .desfont {
26         font-family: 'Open Sans', sans-serif;
27     }
28
29     Header{
30         text-align: center;
31         color: black;
32     }
33     .AboutUs{
34         display: flex;
35         text-align: center;
36     }
37     .abouttext{
38         text-align: center;
39         margin: 10%;
40     }

```

```
36     .abouttext{
37         text-align: center;
38         margin: 10%;
39         margin-top: 1%;
40         width: 100%;
41         font-family: 'Open Sans', sans-serif;
42     }
43
44     .container {
45         padding: 0%;
46         display: flex;
47         flex-direction: row;
48         justify-content: center;
49     }
50
51     .column {
52         padding: 1%;
53         margin: 1%;
54         border-radius: 5%;
55         background-color: #white;
56         border: solid #white 2px;
57     }
58     .profile-picture{
59         border-radius: 25px;
60     }
61
62 }
```

How to use

```
1  @media only screen and (min-width: 801px) {
2
3      .brandsection {
4          background-image: linear-gradient(#255C8C , #rgb(255, 255, 255));
5          display: flex;
6          justify-content: center;
7          margin-bottom: 60px;
8      }
9
10     .logo {
11         font-family: 'Roboto', sans-serif;
12         color: #aliceblue;
13         margin-top: 60px;
14         margin-bottom: 160px;
15     }
16
17     .container {
18         padding: 0px;
19         display: flex;
20         flex-direction: row;
21         justify-content: center;
22     }
23
24     .column {
25         color: #aliceblue;
26         padding: 2%;
27         margin: 1%;
28         border-radius: 5%;
29         background-color:#255C8C;
30         /* border: solid black 2px; */
31     }
32     #company{
33         font-family: 'Roboto', sans-serif;
34         text-align: center;
35     }
```

```
37  #user{
38      font-family: 'Roboto', sans-serif;
39      text-align: center;
40  }
41  #comhow{
42      width: 100%;
43  }
44  #userhow{
45      width: 100%;
46  }
47
48  .desfont {
49      font-family: 'Open Sans', sans-serif;
50  }
51
52
53 }
```

Search

```
12  .brandsection {
13      background-image: linear-gradient(■#255C8C , ■rgb(255, 255, 255));
14      display: flex;
15      justify-content: center;
16      margin-bottom: 60px;
17  }
18
19  .logo {
20      margin-top: 60px;
21      margin-bottom: 60px;
22  }
23
24  /* Click search */
25  .search-button {
26      width: 25%;
27      background-color: ■rgb(16, 171, 5);
28      color: □rgb(0, 0, 0);
29      padding: 10px 20px;
30      border-radius: 5px;
31      margin-left: 10px;
32      cursor: pointer;
33  }
34
```

```
38 /* Profile recommend */
39 .recommendations-container {
40   display: flex;
41   flex-direction: column;
42   justify-content: center;
43   align-items: center;
44 }
45
46 .column {
47   background-color: #f9f9f9;
48   border-radius: 5px;
49   box-shadow: 0 0 5px 0 rgba(0,0,0,0.1);
50   margin-bottom: 20px;
51   padding: 20px;
52   width: calc(33.33% - 20px);
53 }
54
55 .column h3 {
56   font-size: 24px;
57   margin-bottom: 10px;
58 }
59
60 .column p {
61   margin: 10px 0;
62 }
63
64 /* When user clicks Learn More */
65 .column a {
66   color: #007bff;
67   text-decoration: none;
68 }
69
70 .column a:hover {
71   text-decoration: underline;
72 }
```

Header

```
1  @media screen and (min-width: 801px) {
2
3    nav {
4      background-color: #255C8C;
5      padding: 5px;
6      overflow: hidden;
7      display: flex;
8      flex-direction: row;
9      justify-content: space-evenly;
10     align-items: center;
11     width: 100%;
12   }
13
14   * {
15     margin: 0;
16     padding: 0;
17     box-sizing: border-box;
18   }
19
20   body {
21     color: black;
22     margin: 0;
23     padding: 0 ;
24   }
25
26   form {
27     margin: 0px;
28   }
29
30   nav a {
31     display: block;
32     float: left;
33     color: #FDDEFE;
34     text-decoration: none;
35   }
```

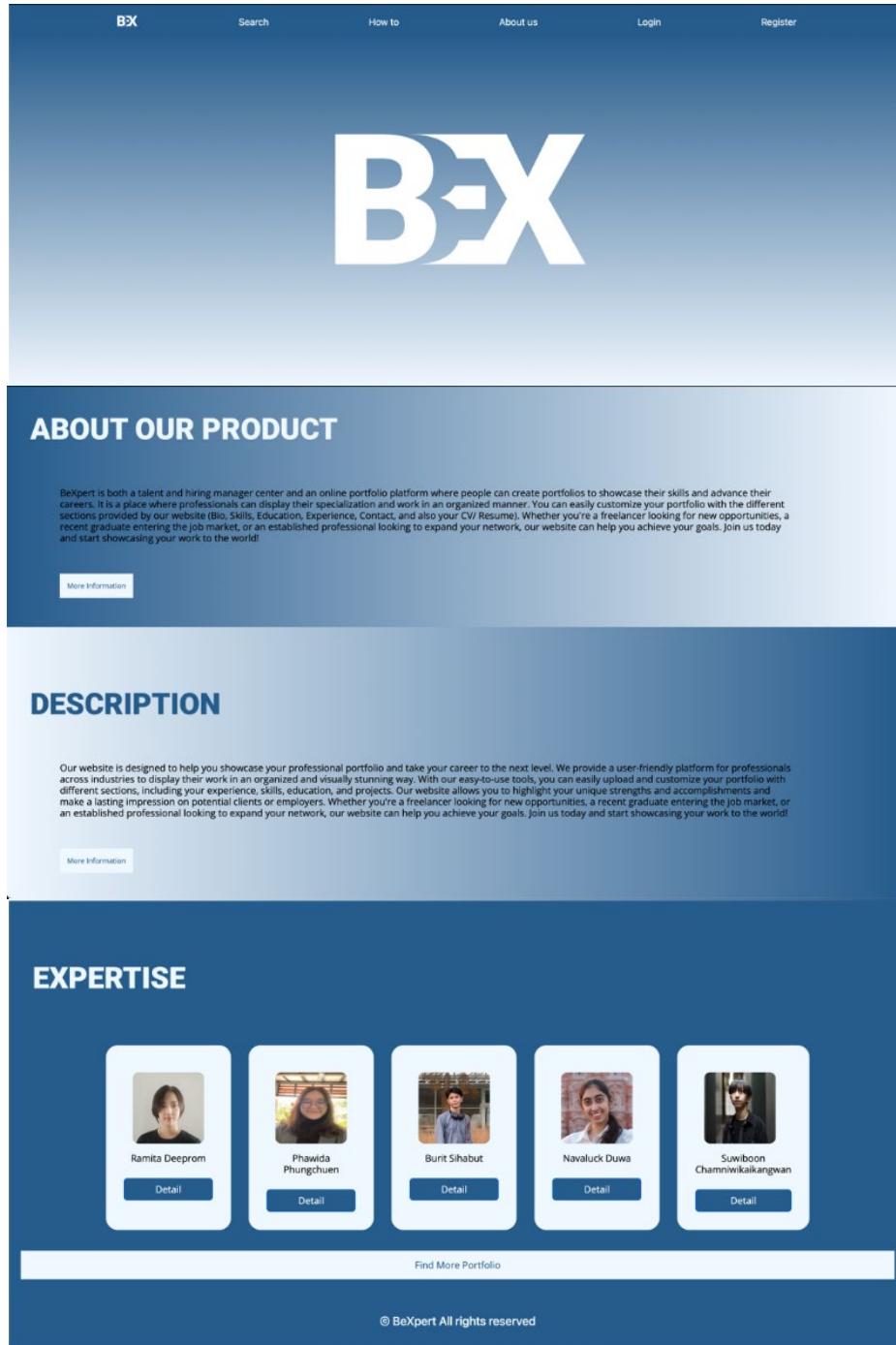
Footer

```
1  @media screen and (min-width: 801px) {  
2  
3      footer {  
4          background-color: #255C8C;  
5          padding: 5px;  
6          overflow: hidden;  
7          display: flex;  
8          flex-direction: row;  
9          justify-content: space-evenly;  
10         align-items: center;  
11         width: 100%;  
12         height: 100px;  
13     }  
14  
15     footer a {  
16         display: block;  
17         float: left;  
18         color: #FDFFFE;  
19         text-decoration: none;  
20     }  
21  
22     footer a:hover {  
23         color: #D2B4DE;  
24     }  
25  
26     .sectionheader {  
27         padding: 8px;  
28         text-align: center;  
29         font-size: 12px;  
30         color: #aliceblue;  
31     }  
32  
33     .contactinfo {  
34         color: #aliceblue;  
35         font-size: 10px;  
36     }  
37  
38 }
```

How to run code

To access the code. you can change the directory to bexpert then change directory to both frontend and backend and type **npm start** into your terminal. Node.js will listen on port **3000 and 3030**.

After starting the server, you can type <http://localhost:3000/> (For backt end)and <http://localhost:3030/> (For front end) URL in your web browser to access our homepage.



Before you can search or access our website, you have to log in (login_info) first.

Dependencies

We use NPM as the main package in our website development, there are these dependencies inside.

```
"body-parser": "^1.20.2",
"cookie-parser": "^1.4.6",
"dotenv": "^16.0.3",
"express": "^4.18.2",
"express-session": "^1.17.3",
"moment": "^2.29.4",
"mysql2": "^3.2.3",
"nodemon": "^2.0.22",
"npm": "^9.5.1",
"passport": "^0.6.0",
"passport-google-oauth": "^2.0.0"
```

Tasks

Task 1: Database

Our Database consist of 3 main tables which are

1. **Admin Information:** admin_info keeps admin information when registering as a admin (id, username, first name, last name, email, phone, Address, birth date, password, role)
2. **Expert:** expert table it will keep the product information which in this website it will be expertise (id, first name, last name, about, high school, university, skills, license, email, LinkedIn, mobile number, picture link, background link)
3. **Login Information:** login_info keeps the information which user will use when login (id, email, password)

Task 2: Web Service

There is an Authentication for all use. This web service will be called after the users sign-up or login to the web application.

In the BeXpert web application, there are many functions for users. For example, In the search page, users will see the search bar and the all expert. Users can choose the function of the search bar which there are all expertise according to the skills to get the result of searching.

Task 3: Web Service Interaction

We use Google API login and information in database for authentication service as the public API and we use **authen.js** (file outside public directory) as the API handler in Authentication.

Code Web Service

SQL for 3 tables admin_info, expert and login_info

```
DROP TABLE IF EXISTS `admin_info`;
CREATE TABLE `admin_info`
(
    `id` int NOT NULL AUTO_INCREMENT,
    `username` varchar(50) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `fname` varchar(100) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `lname` varchar(100) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `email` varchar(100) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `phone` varchar(200) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `Address` varchar(200) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `bdate` date NOT NULL,
    `psw` varchar(255) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `role` varchar(200) COLLATE utf8mb3_slovenian_ci NOT NULL,
    PRIMARY KEY(`id`)
) ENGINE=InnoDB AUTO_INCREMENT=14 DEFAULT CHARSET=utf8mb3 COLLATE=utf8mb3_slovenian_ci;
DROP TABLE IF EXISTS `expert`;
CREATE TABLE `expert`
(
    `id` int NOT NULL AUTO_INCREMENT,
    `fname` varchar(100) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `lname` varchar(100) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `about` varchar(1000) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `edu_highschool` varchar(200) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `edu_uni` varchar(200) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `skills` varchar(400) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `license` varchar(200) COLLATE utf8mb3_slovenian_ci DEFAULT NULL,
    `email` varchar(100) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `linkedin` varchar(100) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `mobile_num` varchar(200) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `pic_link` varchar(500) COLLATE utf8mb3_slovenian_ci DEFAULT NULL,
    `bg_link` varchar(500) COLLATE utf8mb3_slovenian_ci DEFAULT NULL,
    PRIMARY KEY(`id`)
) ENGINE=InnoDB AUTO_INCREMENT=7 DEFAULT CHARSET=utf8mb3 COLLATE=utf8mb3_slovenian_ci;
DROP TABLE IF EXISTS `login_info`;
CREATE TABLE `login_info`
(
    `id` int NOT NULL AUTO_INCREMENT,
    `email` varchar(100) COLLATE utf8mb3_slovenian_ci NOT NULL,
    `psw` varchar(255) COLLATE utf8mb3_slovenian_ci NOT NULL,
    PRIMARY KEY(`id`)
) ENGINE=InnoDB AUTO_INCREMENT=12 DEFAULT CHARSET=utf8mb3 COLLATE=utf8mb3_slovenian_ci;
```

Admin_info

Expert

Login_info

Java Script

Admin.js

```
1  const app = require("express").Router();
2  const moment = require("moment");
3  const { connection } = require("../db");
4
5  app.get("/", async (req, res, next) => {
6    try {
7      const query = req.query;
8      let sql = "SELECT * FROM admin_info ";
9
10     if (query.filter) {
11       let col = query.filter.split(",");
12       col = col.map((c) => `${c} like '%${query.search}%}`).join(" or ");
13       sql = sql + "where " + col;
14     }
15
16     const [rows] = await connection.promise().query(sql);
17     res.status(200).json({ success: true, datas: rows });
18   } catch (error) {
19     res.status(500).json({ success: false, message: error.message });
20   }
21 });
22
23 app.post("/", async (req, res, next) => {
24   try {
25     const body = req.body;
26     const sql = "SELECT * FROM admin_info where email = ? limit 1";
27     const [user] = await connection.promise().query(sql, [body.email]);
28
29     if (user.length > 0) {
30       return res
31         .status(403)
32         .json({ success: false, message: "Email is already in use." });
33     }
34     const insert = `INSERT INTO admin_info(username, fname, lname, email, phone, address, bdate, psw, role`;
35     const insertedUser = await connection
36       .promise()
37       .query(insert, [
38         body.username,
39         body.firstName,
40         body.lastName,
41         body.email,
42         body.phone,
43         body.address,
44         moment(body.BDAge).format("YYYY-MM-DD"),
45         body.password,
46         "Admin",
47       ]);
48
49     const insert_login = `INSERT INTO login_info(email, psw) VALUES(?,?)`;
50     await connection.promise().query(insert_login, [body.email, body.password]);
51
52     res.status(200).json({ success: true, insertedId: insertedUser[0].insertId });
53   } catch (error) {
54     res.status(500).json({ success: false, message: error.message });
55   }
56 });
57
58 app.put("/:id", async (req, res, next) => {
59   try {
60     const id = req.params.id;
```

Authen.js

```
11:44 PM Tue Apr 25          •••      14% 🔋
github.com

106 module.exports = app;
107
108 // insert the people (admin) //
109 app.post("/add-admin", async (req, res, next) => {
110   try {
111     const body = req.body;
112     const sql =
113       "INSERT INTO admin_info (username, fname, lname, email) VALUES (?, ?, ?, ?)";
114     const [result] = await connection
115       .promise()
116       .query(sql, [body.username, body.firstName, body.lastName, body.email]);
117     const adminId = result.insertId;
118     res
119       .status(201)
120       .json({ success: true, message: "Admin added successfully.", adminId });
121   } catch (error) {
122     res.status(500).json({ success: false, message: error.message });
123   }
124 });
125
126 // update the people (admin) //
127 app.put("/update-admin/:id", async (req, res, next) => {
128   try {
129     const adminId = req.params.id;
130     const body = req.body;
131     const sql =
132       "UPDATE admin_info SET username = ?, fname = ?, lname = ?, email = ? WHERE id = ?";
133     const [result] = await connection
134       .promise()
135       .query(sql, [
136         body.username,
137         body.firstName,
138         body.lastName,
139         body.email,
140         adminId,
141       ]);
142     if (result.affectedRows === 0) {
143       return res
144         .status(404)
145         .json({ success: false, message: "Admin not found." });
146     }
147     res
148       .status(200)
149       .json({ success: true, message: "Admin updated successfully." });
150   } catch (error) {
151     res.status(500).json({ success: false, message: error.message });
152   }
153 });
154
155 // delete the people (admin) //
156 app.delete("/delete-admin/:id", async (req, res, next) => {
157   try {
158     const adminId = req.params.id;
159     const sql = "DELETE FROM admin_info WHERE id = ?";
160     const [result] = await connection.promise().query(sql, [adminId]);
161     if (result.affectedRows === 0) {
162       return res
```

```
JS app.js    X

backend > JS app.js > ⚡ app.post("/login-auth") callback > ⚡ db.query() callback
  1 // Import required dependencies
  2 const express = require("express");
  3 const session = require("express-session");
  4 const cookieParser = require("cookie-parser");
  5 const bodyParser = require("body-parser");
  6 const path = require("path");
  7 const dotenv = require("dotenv");
  8 const cors = require("cors");
  9
10 // Configure dotenv
11 dotenv.config();
12
13 // Import Passport authentication module
14 const passport = require("./passport");
15
16 // Define PORT and create Express app instance
17 const PORT = process.env.PORT || 3000;
18 const app = express();
19
20 // Enable Cross-Origin Resource Sharing (CORS)
21 app.use(cors());
22
23 // Parse request bodies as JSON
24 app.use(bodyParser.json());
25 app.use(bodyParser.urlencoded({ extended: true }));
26
27 // Parse cookies
28 app.use(cookieParser());
29
30 // Enable sessions
31 app.use(
32   session({
33     secret: process.env.SECRET,
34     resave: false,
35     saveUninitialized: false,
36   })
37 );
38
39 // Initialize Passport
40 app.use(passport.initialize());
41 app.use(passport.session());
42
43 // Serve static files from the public directory
44 const publicDir = path.join(__dirname, "./public");
45 app.use(express.static(publicDir));
46
47 // Import routes
48 const route_authen = require("./routes/authen");
49 const route_admin = require("./routes/admin");
50 const route_expert = require("./routes/expert");
51
52 // Serve the index.html file at the root path
53 app.get("/", function (req, res) {
54   res.sendFile(path.join(__dirname, "index.html"));
55 });


```

```
JS app.js X
backend > JS app.js > ⚡ app.post("/login-auth") callback > ⚡ db.query() callback
  57 // Handle authentication errors
  58 app.get("/error", (req, res, next) => {
  59   | res.status(403).json({ status: false, message: "Authentication error" });
  60 });
  61
  62 // Serve the profile.html file on successful login
  63 app.get("/success", (req, res, next) => {
  64   if (req.user) {
  65     | res.sendFile(path.join(publicDir, "/profile.html"));
  66   } else {
  67     res.redirect("/");
  68   }
  69 });
  70
  71 // Mount routes
  72 app.use("/auth", route_authen);
  73 app.use("/admin", route_admin);
  74 app.use("/expert", route_expert);
  75
  76 // Configure database connection
  77 const mysql = require("mysql2");
  78 const db = mysql.createConnection({
  79   host: process.env.MYSQL_HOST,
  80   user: process.env.MYSQL_USER,
  81   password: process.env.MYSQL_PASSWORD,
  82   database: process.env.MYSQL_DATABASE,
  83 });
  84
  85 // Connect to the database
  86 db.connect(function (err) {
  87   if (err) throw err;
  88   console.log("Connected DB: " + process.env.MYSQL_DATABASE);
  89 });
  90
  91 // Handle login requests (Login)
  92 app.post("/login-auth", (request, response) => {
  93   const { email, password } = request.body;
  94
  95   console.log(email);
  96   // Query the database for the user with the given email
  97   db.query(
  98     `SELECT * FROM login_info Where email LIKE '%${email}%``,
  99     (error, results, fields) => {
 100       console.log(results);
 101       if (error) {
 102         console.log(error);
 103         response
 104           .status(500)
 105           .json({ Message: "An error occurred while fetching user data." });
 106     } else if (results.length === 0) {
 107       response.status(404).json({ Message: "User does not exist." });
 108     } else if (password === results[0].psw) [
 109       // Set the loggedIn flag in the user's session
 110       request.session.loggedIn = true;
 111       console.log(request.session.loggedIn); // add this line to check if the flag is being set correctly
 112       request.session.user = email;
 113       request.session.save(); // Add this line to save the session
 114       response.header("Access-Control-Allow-Origin", "http://localhost:3000");
 115       response.status(200).json({ Message: "Welcome Admin!" });
  
```

```
54
95     console.log(email);
96     // Query the database for the user with the given email
97     db.query(
98       `SELECT * FROM login_info Where email LIKE '%${email}%``,
99       (error, results, fields) => {
100         console.log(results);
101         if (error) {
102           console.log(error);
103           response
104             .status(500)
105             .json({ Message: "An error occurred while fetching user data." });
106         } else if (results.length === 0) {
107           response.status(404).json({ Message: "User does not exist." });
108         } else if (password === results[0].psw) {
109           // Set the loggedIn flag in the user's session
110           request.session.loggedIn = true;
111           console.log(request.session.loggedIn); // add this line to check if the flag is being set correctly
112           request.session.user = email;
113           request.session.save(); // Add this line to save the session
114           response.header("Access-Control-Allow-Origin", "http://localhost:3000");
115           response.status(200).json({ Message: "Welcome Admin!" });
116         } else {
117           response.status(500).json({ Message: "Incorrect password." });
118         }
119       }
120     );
121   });
122 
123   app.listen(PORT, () => console.log(`Server is litening on ${PORT} ✨`));
124 
```

Expert.js

189 lines (176 sloc) | 6.04 KB

[Raw](#) [Blame](#) [Edit](#) [Diff](#) [Copy](#) [Delete](#)

```
1 const app = require("express").Router();
2 const { connection } = require("../db");
3
4 app.get("/", async (req, res, next) => {
5   try {
6     const query = req.query;
7     let sql = "SELECT * FROM expert ";
8
9     if (query.filter) {
10       let col = query.filter.split(",");
11       col = col
12         .map(
13           (c) =>
14             `${c === "name" ? "CONCAT(fname, lname)" : c} like '%${
15               query.search
16             }%'`
17           )
18         .join(" or ");
19
20       sql = sql + "where " + col;
21     }
22
23     const [rows] = await connection.promise().query(sql);
24     res.status(200).json({ success: true, datas: rows });
25   } catch (error) {
26     res.status(500).json({ success: false, message: error.message });
27   }
28 });
29
30 app.get("/:id", async (req, res, next) => {
31   try {
32     const id = req.params.id;
33     let sql = "SELECT * FROM expert where id=? limit 1";
34
35     const [rows] = await connection.promise().query(sql, [id]);
36     res.status(200).json({ success: true, datas: rows });
37   } catch (error) {
38     res.status(500).json({ success: false, message: error.message });
39   }
40 });
41
42 app.post("/", async (req, res, next) => {
43   try {
44     const body = req.body;
45     const sql = "SELECT * FROM expert where email = ? limit 1";
46     const [user] = await connection.promise().query(sql, [body.email]);
47
48     if (user.length > 0) {
49       return res
50         .status(403)
51         .json({ success: false, message: "Email is already in use." });
52     }
53     let softskill = "Soft Skills: ";
54     let businessarea = "Language Skills: ";
55     let computerarea = "Computer Skills: ";
56     let dataarea = "Data Area: ";
57     Object.keys(body).forEach((element) => {
58       if (element.indexOf("soft-skill") > -1) {
59         softskill += ["soft-skill2", "soft-skill3"].includes(element)
```

Testing (Postman)

Google Login

bexpert / Google Login

POST http://localhost:3000/auth/login

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {  
2   "email": "test@test.test",  
3   "password": "123456"  
4 }
```

Body Cookies (1) Headers (8) Test Results

Pretty Raw Preview Visualize JSON

```
1 {  
2   "success": false,  
3   "message": "Email or password is wrong."  
4 }
```

Note: No google account of test@test.test

bexpert / Google Login

POST <http://localhost:3000/auth/login>

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {  
2   "email": "ramita.deeprom@gmail.com",  
3   "password": "Tingting1234"  
4 }
```

Body Cookies (1) Headers (9) Test Results

Pretty Raw Preview Visualize JSON [-](#)

```
1 {  
2   "success": true,  
3   "message": "login success"  
4 }
```

Search Admin

bexpert / admin search

GET http://localhost:3000/admin?filter=username,fname,lname&search=test

Params • Authorization Headers (7) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

This request does not have a body

Body Cookies (1) Headers (8) Test Results

Pretty Raw Preview Visualize JSON

```
1  {
2      "success": true,
3      "datas": [
4          {
5              "id": 16,
6              "username": null,
7              "fname": "101",
8              "lname": "Test",
9              "email": "s@s.ff",
10             "phone": "111-111-2222",
11             "Address": "Bangkok",
12             "bdate": "2023-04-24T17:00:00.000Z",
13             "psw": "4598",
14             "role": "Admin"
15         },
16         {
17             "id": 21,
18             "username": "test",
19             "fname": "Test",
20             "lname": "Test",
21             "email": "test@test.test",
```

bexpert / admin search

GET http://localhost:3000/admin?filter=username,fname,lname&search=ramita

Params • Authorization Headers (7) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

This request does not have any body parameters.

Body Cookies (1) Headers (8) Test Results

Pretty Raw Preview Visualize JSON ↻

```
1 {  
2   "success": true,  
3   "datas": [  
4     {  
5       "id": 2,  
6       "username": "ramita018",  
7       "fname": "Ramita",  
8       "lname": "Deeprom",  
9       "email": "ramita.deeprom@gmail.com",  
10      "phone": "086-602-1559",  
11      "Address": "Chonburi",  
12      "bdate": "2003-02-25T17:00:00.000Z",  
13      "psw": "Tingting1234",  
14      "role": "Admin"  
15    }  
16  ]  
17 }
```

Add Admin

bexpert / admin Insert

POST http://localhost:3000/admin

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {  
2   "username": "test",  
3   "firstName": "Test",  
4   "lastName": "Test",  
5   "email": "test@test.test",  
6   "address": "Bangkok",  
7   "phone": "111-111-1111",  
8   "BDAge": "2022-12-01",  
9   "password": "123456"  
10 }
```

Body Cookies (1) Headers (8) Test Results

Pretty Raw Preview Visualize JSON ↻

```
1 {  
2   "success": false,  
3   "message": "Email is already in use."  
4 }
```

bexpert / admin Insert

POST http://localhost:3000/admin

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {  
2   "username": "",  
3   "firstName": "Rami",  
4   "lastName": "Dee",  
5   "email": "AAA@gmail.com",  
6   "address": "Bangkok",  
7   "phone": "0987625432",  
8   "BDAge": "2022-12-01",  
9   "password": "123456"  
10 }
```

Body Cookies (1) Headers (8) Test Results

Pretty Raw Preview Visualize JSON

```
1 {  
2   "success": true,  
3   "insertedId": 22  
4 }
```

Update Admin

DELETE http://localhost:3000/admin/22

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

Body Cookies (1) Headers (8) Test Results

Pretty Raw Preview Visualize JSON

```
1 {  
2   "success": true  
3 }
```

bexpert / admin update

PUT http://localhost:3000/admin/22

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {  
2   "username": "updateRami",  
3   "firstName": "Rami",  
4   "lastName": "Dee",  
5   "address": "Bangkok",  
6   "phone": "2233441122",  
7   "BDAge": "2022-12-01",  
8   "password": "4598"  
9 }
```

Body Cookies (1) Headers (8) Test Results

Pretty Raw Preview Visualize JSON ↻

```
1 {  
2   "success": true  
3 }
```

Delete Admin

DELETE http://localhost:3000/admin/22

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

Body Cookies (1) Headers (8) Test Results

Pretty Raw Preview Visualize JSON ↻

```
1 {  
2   "success": true  
3 }
```

Search Expert

GET http://localhost:3000/expert?filter=name&search=Burit

Params • Authorization Headers (7) Body Pre-request Script Tests Settings

Body Cookies Headers (8) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```
1 "success": true,
2 "datas": [
3     {
4         "id": 4,
5         "fname": "Burit",
6         "lname": "Sihabut",
7         "about": "Burit Sihabut (Best) a sophomore at the Faculty of ICT, Mahidol University. He is a
8             combines logic and creativity to provide the best solutions possible. Best takes pride
9             responsibility, critical thinking skills, and strong analytical abilities. His expected
10            "edu_highschool": "Assumption College (AC)",
11            "edu_uni": "Faculty of ICT, Mahidol University",
12            "skills": "Soft Skills: Time Management, Responsibility, Public Speaking; Language Skills: English
13                Skills: C programming, Java, Assembly, HTML, CSS, Javascript, Python, MySQL, R; Data Area
14            "license": null,
15            "email": "burit.sih@gmail.com",
16            "linkedin": "https://www.linkedin.com/in/burit-sihabut-best/",
17            "mobile_num": "098-839-6603",
18            "pic_link": "https://drive.google.com/uc?export=view&id=1kGC-zQplI7fLaMvZw7ZoJJWqe0CplsE2",
19            "bg_link": null
20     }
]
```

GET <http://localhost:3000/expert?filter=skills&search=speak>

Params • Authorization Headers (7) Body Pre-request Script Tests Settings

Body Cookies (1) Headers (8) Test Results

Pretty Raw Preview Visualize JSON 

```
1 {  
2     "success": true,  
3     "datas": [  
4         {  
5             "id": 1,  
6             "fname": "Navaluck",  
7             "lname": "Duwa",  
8             "about": "Navaluck Duwa (Janice) a sophomore at the Faculty of IC  
9                 also \na team player, where she serves as President of the MU  
10                expected major is \nDatabase and Intelligent Systems.",  
11                "edu_highschool": "Chindamanee School English program",  
12                "edu_uni": "Faculty of ICT, Mahidol University",  
13                "skills": "Soft Skills: Communication, Leadership, Public Speaking  
14                    Skills: HTML,CSS,C programming,Python; Data Area: SQL,ERD,Dat  
15                "license": null,  
16                "email": "tanushka.duwa@outlook.com",  
17                "linkedin": "https://www.linkedin.com/in/navaluckduwa/",  
18                "mobile_num": "098-261-8964",  
19                "pic_link": "https://drive.google.com/uc?export=view&id=1rzSf0_M0  
20                "bg_link": null  
21            },  
22            {  
23                "id": 3,  
24                "fname": "Phawida",  
25            }]
```

GET http://localhost:3000/expert?filter=about&search=ict

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Body Cookies (1) Headers (8) Test Results

Status: 200 OK Time: 9 ms Size: 4.89 KB Save Response

Pretty Raw Preview Visualize JSON

```

1
2     "success": true,
3     "datas": [
4         {
5             "id": 1,
6             "fname": "Navaluck",
7             "lname": "Duwa",
8             "about": "Navaluck Duwa (Janice) a sophomore at the Faculty of ICT, Mahidol University. she is a detailed and responsible person also \n a team player, where she serves as President of the MUICT Speakers Club. Janice is interested in Database where her expected major is \nDatabase and Intelligent Systems.",
9             "edu_highschool": "Chindamane School English program",
10            "edu_uni": "Faculty of ICT, Mahidol University",
11            "skills": "Soft Skills: Communication, Leadership, Public Speaking; Language Skills: English, Thai, Hindi, Punjabi; Computer Skills: HTML,CSS,C programming,Python; Data Area: SQL,ERD,Data analysis",
12            "license": null,
13            "email": "tanushka.duwa@outlook.com",
14            "linkedin": "https://www.linkedin.com/in/navaluckduwa/",
15            "mobile_num": "098-261-8964",
16            "pic_link": "https://drive.google.com/uc?export=view&id=1rzSf0_M0B2pdBrRWPgrrN089Z4e7rOve",
17            "bg_link": null
18        },
19        {
20            "id": 2,
21            "fname": "Ramita",
22            "lname": "Deeprom",

```

Add Expert

bexpert / expert insert

POST http://localhost:3000/expert

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Body none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```

1
2     "firstname": "Ramita2",
3     "lastname": "Deeprom2",
4     "about": "Ramita Deeprom (Tingting) a sophomore at the Faculty of ICT, Mahidol University, with a keen interest in Business Analyst and software. Her passion for learning and experimenting with new things extends beyond technology and includes business and psychology. Her expected major is Software Engineering.",
5     "edu_highschool": "Chonkanyanukoon School, Engineering and Applied Mathematics, English program",
6     "edu_uni": "Faculty of ICT, Mahidol University",
7     "skills": "Soft Skills: Open minded, Collaboration, Adaptability, Leadership, Decision-Making, Growth mindset, Lifelong learning, Creativity; Technical Skills: Project Managing, Startup Developing, English Language; Programming: HTML5, CSS, JS, C, Java, Python, SQL",
8     "license": "123456",
9     "email": "ramita.deeprom2@gmail.com",
10    "linkedin": "https://www.linkedin.com/in/ramita-deeprom-tingting",
11    "mobile_num": "086-602-1559",
12    "pic_link": "https://drive.google.com/uc?export=view&id=1L93ySuJh_CoF-RKcd_fn_1YKRJHYxI60",
13    "bg_link": ""

```

Body Cookies (1) Headers (8) Test Results

Status: 200 OK Time: 20 ms Size: 283 B Save Response

Pretty Raw Preview Visualize JSON

```

1     "success": true
2
3

```

Update User

bexpert / expert update

PUT http://localhost:3000/expert/8

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings Cookies Beautify

Body

```

1 ...
2 ... "firstname": "Ramita3",
3 ... "lastname": "Deeprom3",
4 ... "about": "Ramita Deeprom (Tingting) a sophomore at the Faculty of ICT, Mahidol University, with a keen interest in Business Analyst and software. Her passion for learning and experimenting with new things extends beyond technology and includes business and psychology. Her expected major is Software Engineering.",
5 ... "edu_highschool": "Chonkanyanukoon School, Engineering and Applied Mathematics, English program",
6 ... "edu_uni": "Faculty of ICT, Mahidol University",
7 ... "skills": "Soft Skills: Open minded, Collaboration, Adaptability, Leadership, Decision-Making, Growth mindset, Lifelong learning, Creativity; Technical Skills: Project Managing, Startup Developing, English Language; Programming: HTML5, CSS, JS, C, Java, Python, SQL;",
8 ... "license": "123456",
9 ... "email": "ramita.deeprom3@gmail.com",
10 ... "linkedin": "https://www.linkedin.com/in/ramita-deeprom-tingting",
11 ... "mobile_num": "086-602-1599",
12 ... "pic_link": "https://drive.google.com/uc?export=view&id=1L93ySujh_CoF-RKcd_fn_lYKRJHYxI60",
13 ... "hr_link": ""

```

Status: 200 OK Time: 22 ms Size: 283 B Save Response

Pretty Raw Preview Visualize JSON

```

1 ...
2 ... "success": true
3 ...

```

Delete Expert

bexpert / expert delete

DELETE http://localhost:3000/expert/8

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

Query Params

	Key	Value
	Key	Value

Body Cookies (1) Headers (8) Test Results

Pretty Raw Preview Visualize JSON

```

1 ...
2 ... "success": true
3 ...

```

