



CSE370 : Database Systems
Project Report
Project Title : Thesis Library

Group No : 5, CSE370 Lab Section : 3, Fall 2023		
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Introduction

Introducing the "Thesis Library" – a dedicated space within BRAC University's academic realm. This innovative platform opens doors for current students to explore a treasure trove of knowledge housed in the thesis papers of our esteemed alumni. Beyond a mere library, it serves as a dynamic hub where students can connect with potential supervisors, access valuable resources, and even contribute their own academic work. Join us in fostering a community of learning and collaboration at the Thesis Library, where the past meets the present in a celebration of academic excellence.

Project Features

Landing Page:

Whenever someone comes to the page, lands on the landing page “Thesis Library” which works like an archive of thesis papers of BRAC University students. With just simple email submission, any student can view the whole library. If someone wants to upload their own thesis paper to the library, they can do it by creating an account first. The landing page also features “Supervisor” and “Resources” options which students can view if they are interested in doing thesis work.

Create Account Page:

In the Create account page, new users have to fill up Name, Student ID, Email, Phone number, Department and Password to create an account. There is also a ‘Login page’ link at the bottom of the form to redirect users to the login page.

Login Page:

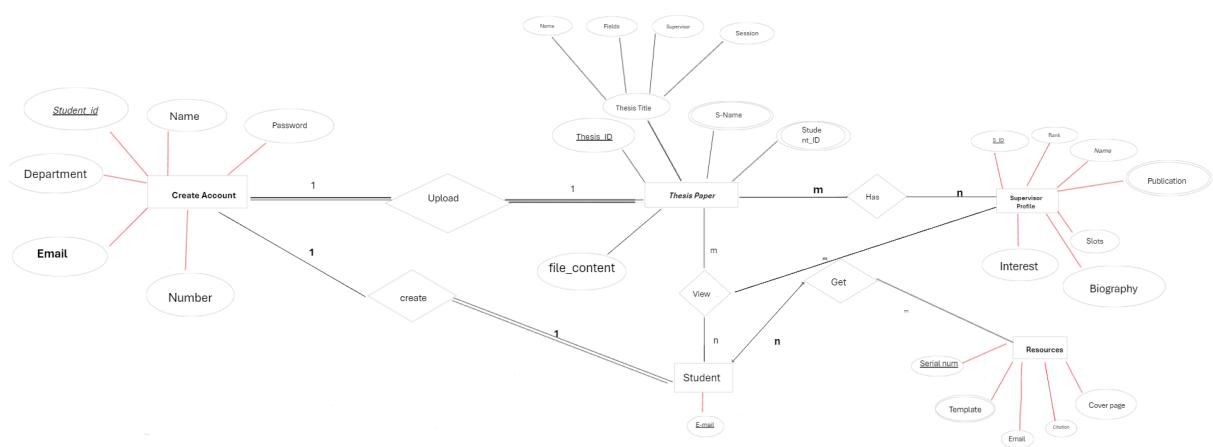
In the login page, users can sign in to their account on the website. After successful login, the user will automatically redirect to the “Homepage”. If the user does not have any account they can create a new account by clicking on the “Sign up page”.

User View:

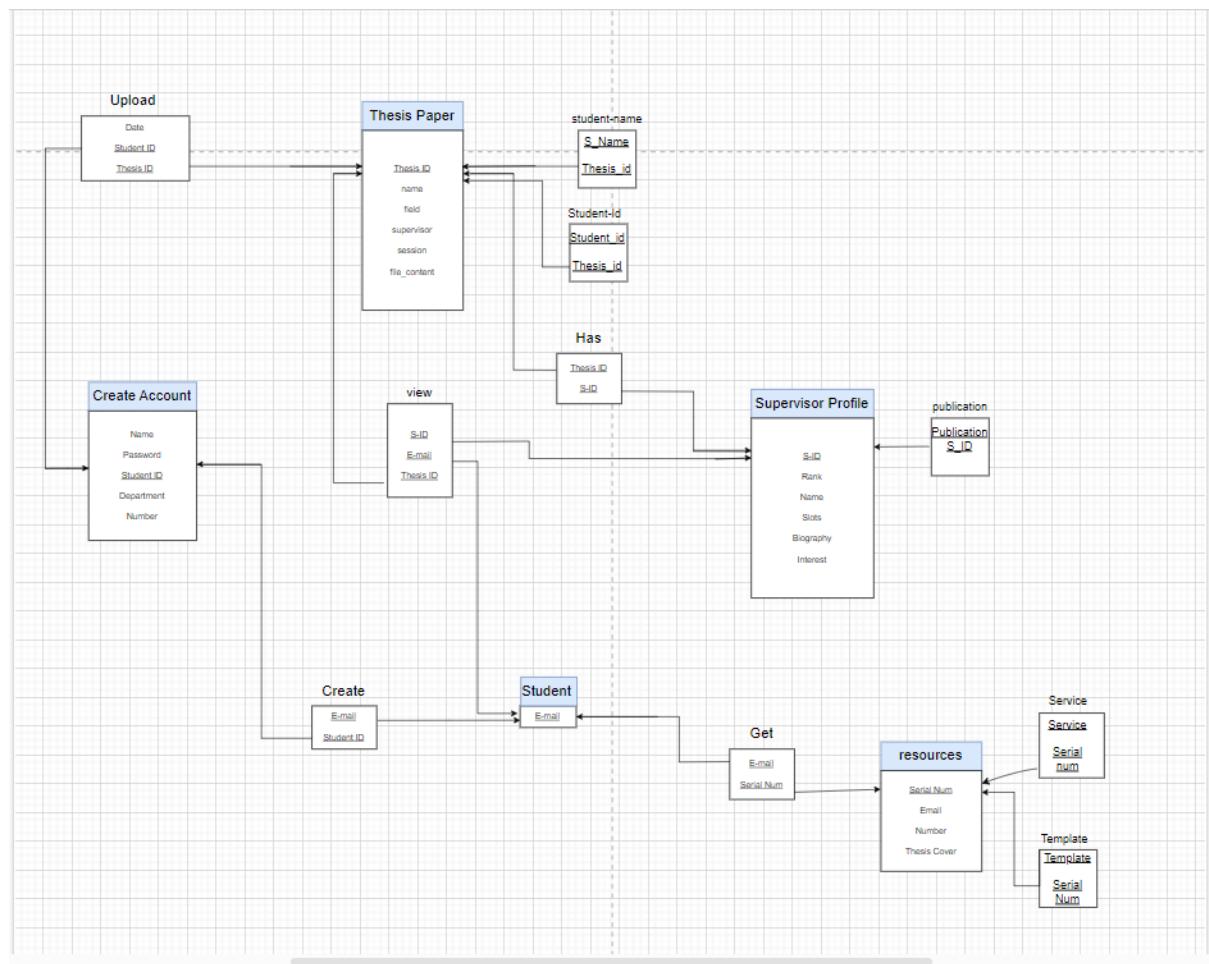
After login to the library, the user will land on the homepage. In the homepage, students can search for the supervisors, thesis paper base or supervisor or topic.

There are five options at the top of the homepage, which are “Supervisor”, “Resources”, “Profile”, “Upload”. Clicking on the supervisor, users will redirect to the supervisor page where they can view the profile of all the supervisors from the CSE department. In the resources, they can find the necessary information such as guidelines , templates related to the thesis work and also the email of “Ayesha Abed Library”. In the profile option, users can view their own profile and if they want to delete or edit their profile they can do it there.. When the user clicks on the upload option, they will be redirected to the upload page where they can upload their own thesis paper by submitting all the required information.

ER/EER Diagram



Schema Diagram



Frontend Development

Briefly discuss about Frontend Development and add Screenshots by mentioning Individual Contributions

Contribution of ID : 23241077, Name : Arundhati Sarkar Sudipta

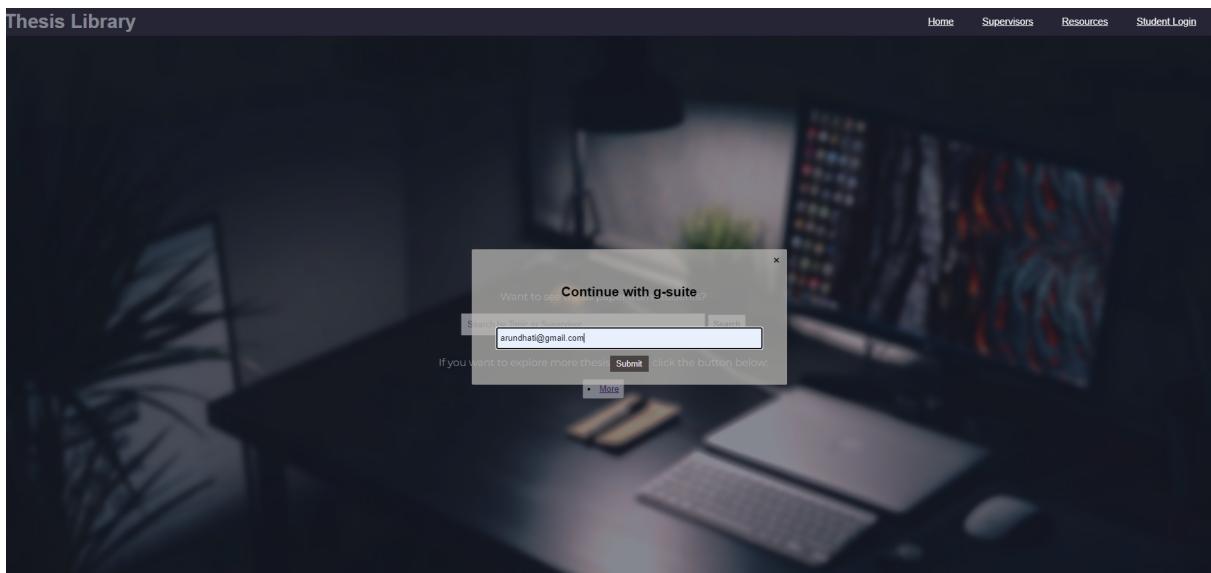
- Landing page :** At the starting of Landing page there is a popup box which will collect students' g-suite. After submitting the g-suite mail students can use the **search bar** to search for thesis papers and supervisor's profile. There I used the keyword searching method where by typing thesis topic, name, supervisor or session they can see the thesis files. The Header of the landing page contains a link of supervisor, Resources, login page.

The screenshot shows a MySQL database interface displaying the results of a query. The query is:

```
SELECT * FROM `student_email` ORDER BY `email` DESC
```

The results show six rows of data, each containing an email address:

email
rahul@gmail.com
pulak@gmail.com
mahi@gmail.com
kayes@gmail.com
joy@gmail.com
didar@gmail.com



Showing rows 0 - 6 (7 total, Query took 0.0004 seconds.) [email: RAHUL@GMAIL.COM... - ARUNDHATI@GMAIL.COM...]

```
SELECT * FROM `student_email` ORDER BY `email` DESC
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 ▾ Filter rows: Search this table

Extra options

email	1
rahul@gmail.com	
pulak@gmail.com	
mahi@gmail.com	
kayes@gmail.com	
joy@gmail.com	
didar@gmail.com	
arundhati@gmail.com	

```

<body>

    <div id="popup" class="popup">
        <div class="popup-content">
            <span class="close-btn" onclick="closePopup()">&times;

```

landing page css - style1.css

```
@import url('https://fonts.googleapis.com/css2?family=Montserrat:wght@300&display=swap');

body{
    background: url(landing.jpg);
    background-size: cover;
    background-repeat: no-repeat;
    width: 100%;
    height: 100%;
    box-sizing: border-box;
    font-family: "poppins", sans-serif;
    margin: 0;
}

.navbar{
    display: flex;
    justify-content: space-between;
    align-items: center;
    text-align: center;
    width: 100%;
    height: 45px;
    background-color: #rgb(62, 59, 75) ;
}

h2{
    color: white;
    font-size: 30px;
    padding: 0px 20px;
}

.navmenu{
    display: flex;
    justify-content: space-between;
    align-items: center;
    z-index: 1000;
}
.navmenu li{
    display: inline-block;
}
.navmenu li a{
    color: #rgb(253, 250, 250);
    margin-right: 20px;
    padding: 8px 10px;
    font-size: 15px;
    font-weight: 500;
}
```

```
.page {
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    color: #rgb(245, 249, 249);
}

.page2 {
    text-align: center;
    font-family: "Montserrat", sans-serif;
}

.container {
    display: inline;
    max-width: 400px;
    margin: auto;
}

#search-box {
    width: 360px;
    padding: 8px;
}

button {
    display: inline;
    padding: 6px;
    margin: 0px;
}

.result {
    background-color: #rgba(255, 255, 255, 0.5);
}

#result-container {
    display: flex;
    list-style: none;
    padding: 0;
    color: #rgb(0, 0, 235);
}
```

```
.result-container li {
    margin: 5px 0;
}

.images {
    display: flex;
    justify-content: flex-end;
    align-items: center;
    padding: 26px ;
}

.image{
    margin-left: 10px;
    width: 100px;
    height: 100px;
}

.popup {
    display: none;
    position: fixed;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;

    background: □rgba(11, 15, 34, 0.5);
}

.popup-content {
    text-align: center;
    font-size: 25px;
    width: 450px;
    height:170px;
    margin: 10px 40px;
    background-color: ■rgba(191, 189, 184, 0.7);
    border-radius: 2px;
    padding: 20px;
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
}

.h5{
    font-family: "Montserrat",sans-serif;
```

```
.h5{
    font-family: "Montserrat",sans-serif;
}
.close-btn {
    position: absolute;
    top: 6px;
    right: 10px;
    font-size: 20px;
    cursor: pointer;
}

input[type="submit"]{
width: 60px;
height: 25px;
margin-top: 10px;
border: none;
background-color: □rgb(74, 67, 67);
color: ■rgb(235, 229, 229);
font-size: 13px;
cursor: pointer;
}

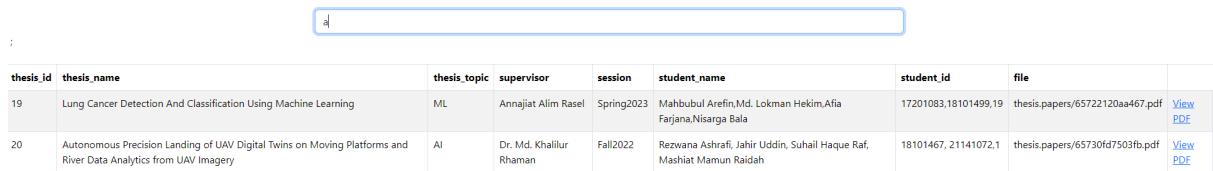
.form {
    margin-top: 13px;
    text-align: left;
}

form input {
    padding: 5px;
    width: 400px;
    height: 20px;
    margin-top: 8px;
}

button[type="submit"]){
    width: 60px;
    height: 30px;
    margin-top: 10px;
    border: none;
    background-color: □rgb(74, 67, 67);
    color: ■rgb(237, 228, 228);
    font-size: 15px;
    cursor: pointer;
    text-align: center;
}

section {
    display: flex;
    flex-wrap: wrap;
```

2. **index.php:** Below that search bar there is a **More** button where students can see more thesis papers with more information and see the pdf version of the thesis file which is saved in the thesis.papers folder with **View pdf**. Basically this search option contains all the thesis papers that had been uploaded into this website. Similar to the search bar, students can search with thesis name ,Topic, supervisor, session. And this page shows all the information in a row with all student_name and student_id of those who did the thesis.



The screenshot shows a search interface with a search bar containing the letter 'a'. Below the search bar is a table with the following data:

thesis_id	thesis_name	thesis_topic	supervisor	session	student_name	student_id	file	
19	Lung Cancer Detection And Classification Using Machine Learning	ML	Annajlat Alim Rasel	Spring2023	Mahbubul Arefin,Md. Lokman Hekim,Afia Farjana,Nisarga Bala	17201083,18101499,19	thesis.papers/65722120aa467.pdf	View PDF
20	Autonomous Precision Landing of UAV Digital Twins on Moving Platforms and River Data Analytics from UAV Imagery	AI	Dr. Md. Khalilur Rhaman	Fall2022	Rezwana Ashrafi, Jahir Uddin, Suhail Haque Raf, Mashiat Mamun Raidah	18101467, 21141072,1	thesis.papers/65730fd7503fb.pdf	View PDF

index .php

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css">
    <title>Thesis Profile</title>
</head>
<body>
    <div class="container" style="max-width: 50%;>
        <div class="text-center mt-5 mb-4">
            <!-- Additional content can be added here if needed -->
        </div>
        <input type="text" class="form-control" id="live_search" autocomplete="off" placeholder="Search..."/>
    </div>
    <div id="searchresult"></div>

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script type="text/javascript">
        $(document).ready(function(){
            $("#live_search").keyup(function(){
                var input = $(this).val();
                // alert(input);
                if (input != "") {
                    $.ajax({
                        url: "livesearch.php",
                        method: "POST",
                        data: { input: input },
                        success: function(data){
                            $("#searchresult").html(data);
                            $("#searchresult").css("display", "block");
                        }
                    });
                } else {
                    $("#searchresult").css("display", "none");
                }
            });
        });
    </script>
</body>
</html>
```

3. **Signup page:** With the signup page students can create their own account by filling all the necessary information.

Showing rows 0 - 5 (4 total, Query took 0.0005 seconds.)

```
SELECT * FROM `create_account`
```

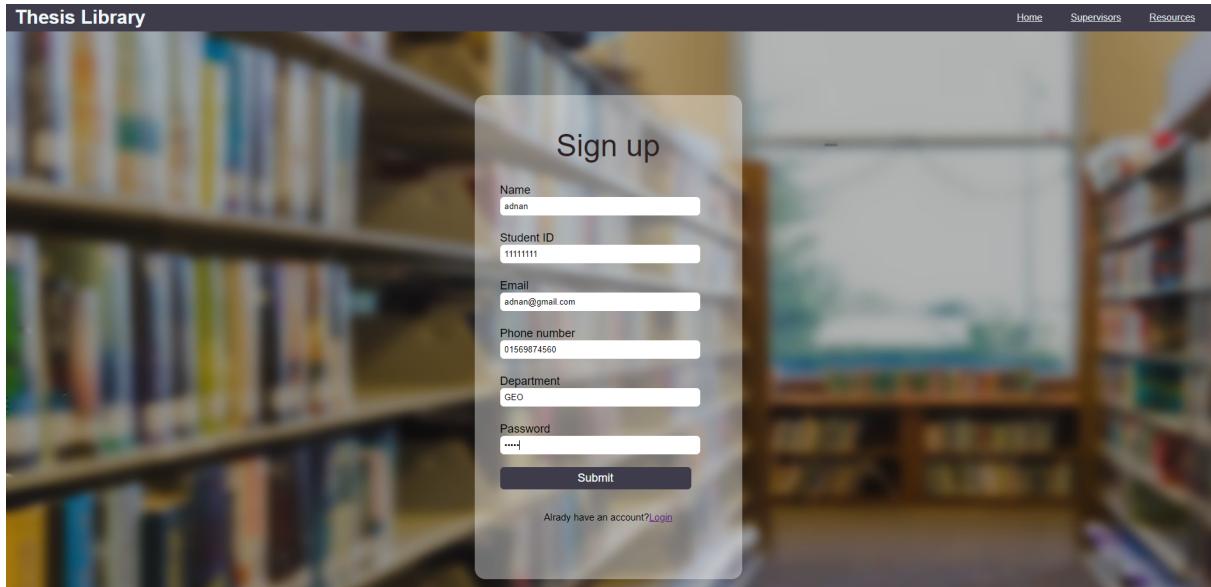
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 ▾ Filter rows: Search this table Sort by key: None ▾

[Extra options](#)

	Name	Student_ID	Department	Email	Phone_Number	Password	
<input type="checkbox"/>	Edit Copy Delete	alif	12345675	CSE	alif@gmail.com	1788559911	alif
<input type="checkbox"/>	Edit Copy Delete	joy	12345676	CSE	joy@gmail.com	1741424277	joy
<input type="checkbox"/>	Edit Copy Delete	kayes	12345677	CSE	kayes@gmail.com	178695248	kayes
<input type="checkbox"/>	Edit Copy Delete	pulak	12345678	CSE	pulak@gmail.com	1723456789	admin

[Check all](#) [With selected:](#) [Edit](#) [Copy](#) [Delete](#) [Export](#)



Showing rows 0 - 4 (5 total, Query took 0.0004 seconds.)

```
SELECT * FROM `create_account`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 ▾ Filter rows: Search this table Sort by key: None ▾

[Extra options](#)

	Name	Student_ID	Department	Email	Phone_Number	Password	
<input type="checkbox"/>	Edit Copy Delete	adnan	11111111	GEO	adnan@gmail.com	1569874560	adnan
<input type="checkbox"/>	Edit Copy Delete	alif	12345675	CSE	alif@gmail.com	1788559911	alif
<input type="checkbox"/>	Edit Copy Delete	joy	12345676	CSE	joy@gmail.com	1741424277	joy
<input type="checkbox"/>	Edit Copy Delete	kayes	12345677	CSE	kayes@gmail.com	178695248	kayes
<input type="checkbox"/>	Edit Copy Delete	pulak	12345678	CSE	pulak@gmail.com	1723456789	admin

[Check all](#) [With selected:](#) [Edit](#) [Copy](#) [Delete](#) [Export](#)

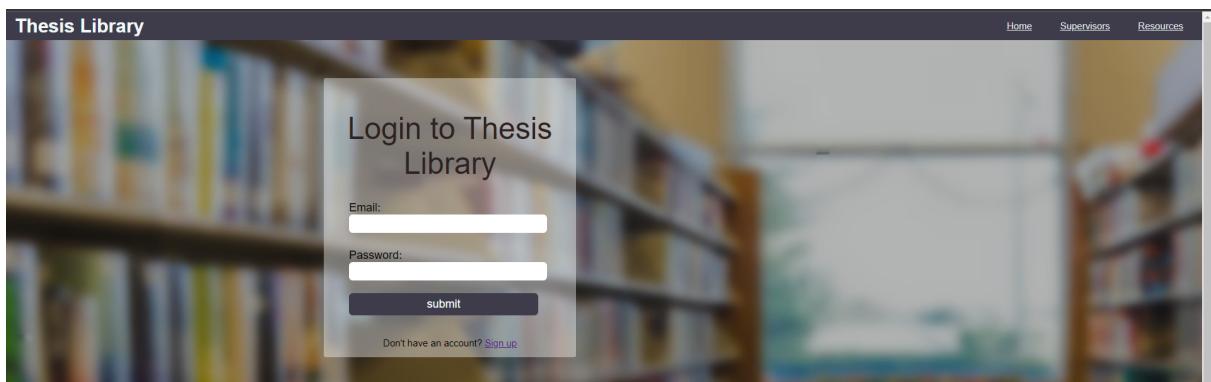
```

<body>
  <header>
    <nav class="navbar">
      <div class="logo">
        |   <h2>Thesis Library</h2>
      </div>
      <div class="navmenu">
        <ul>
          <li><a href="landing.php">Home</a></li>
          <li><a href="supervisor.php">Supervisors</a></li>
          <li><a href="resources1.php">Resources</a></li>
        </ul>
      </div>
    </nav>
  </header>
  <div class = "singup">
    <h1>Sign up</h1>

    <form action="create_account.php" method="post">
      <label>Name</label>
      <input type="text" name="name" required>
      <label>Student ID</label>
      <input type="text" name="s_id" required>
      <label>Email</label>
      <input type="email" name="email" required>
      <label>Phone number</label>
      <input type="text" name="phn" required>
      <label>Department</label>
      <input type="text" name="dept" required>
      <label>Password </label>
      <input type="password" name="password" required>
      <input type="submit" name="submit" value="Submit">
    </form>
    <p> Already have an account?<a href="studentlog.php">Login</a> </p>
  </div>
  </div>
  </form>
</body>
</html>

```

4. Login page : Users who already have an account can login from here.



```
<body>

<header>
    <nav class="navbar">
        <div class="logo">
            <h2>Thesis Library</h2>
        </div>
        <div class="navmenu">
            <ul>
                <li><a href="landing.php">Home</a></li>
                <li><a href="supervisor.php">Supervisors</a></li>
                <li><a href="resources1.php">Resources</a></li>
            </ul>
        </div>
    </nav>
</header>

<div class="login">
    <h1>Login to Thesis Library</h1>
    <form method="POST" action="login.php">
        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required>
        <label for="password">Password:</label>
        <input type="password" id="password" name="password" required>

        <input type="submit" value="submit">
    </form>

    <p>Don't have an account? <a href="sign.php">Sign up</a></p>
</div>

</body>
</html>
```

Signup and login css:

```
body{
    background:url(img/Document.jpg);
    background-size: cover;
    width: 100%;
    height: 1000px;
    box-sizing: border-box;
    font-family: sans-serif;
    margin:0;
}
.navbar{
    display:flex;
    justify-content: space-between;
    align-items: center;
    text-align: center;
    width: 100%;
    height:45px;
    background-color: #rgb(62, 59, 75) ;
}
.navbar h2{
    color: #rgb(240, 249, 248);
    font-size: 30px;
    font-weight: 700;
    padding: 0px 20px;
}
.navmenu{
    display: inline-flex;
    justify-content: space-between;
    align-items: center;
    z-index:1000;
}
.navmenu li{
    display: inline-block;
}
.navmenu li a{
    color: #rgb(226, 234, 234);
    margin-right: 20px;
    padding:8px 10px;
    font-size: 15px;
    font-weight: 500;
}
.signup{
    text-align: center;
    font-size: 21px;
    font-style: normal;
    width: 380px;
    height: 720px;
    margin: 100px auto ;
    background-color: rgba(3000,3000,3000, 0.4);
    border-radius: 17px;
}
.login{
    text-align: center;
    font-size: 21px;
    width: 360px;
    height:400px;
    margin: 60px 510px;
    background-color: rgba(3000,3000,3000, 0.4);
    border-radius: 3px;
    padding: 20px;
}
.h1{
    text-align: center;
    color: #2e2121;
    font-weight: 240;
    font-size:48px;
}
.h4{
    text-align: center;
    color: #1a1919;
    padding-top: 20px;
}
form{
    text-align: center;
    width: 300px;
    margin-left: 20px;
}
form label{
    display: flex;
    margin-top: 25px;
    font-size: 18px;
}
form input{
    width: 100%;
    padding: 7px;
    border: none;
    border: 1px solid #white;
    border-radius:6px ;
    outline: none;
}
input[type="submit"]{
width: 300px;
height: 35px;
margin-top: 20px;
border: none;
background-color: #rgb(62, 59, 75) ;
color: #white;
font-size: 18px;
cursor: pointer;
```

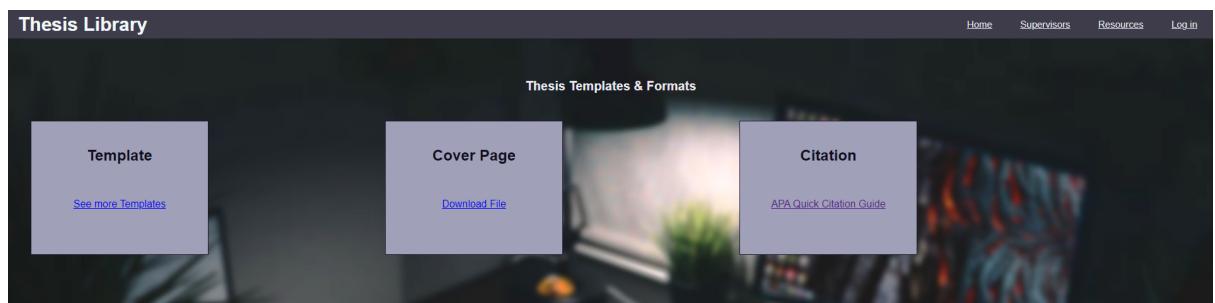
```
}

input[type="submit"]hover{
color: white;
background-color: #rgb(62, 59, 75) ;
}

p{
text-align: center;
padding-top:20px ;
font-size: 15px;

}
```

5. **Resources page :** from the Resources page students can get a template of thesis paper, thesis cover , and Apa Citation link.(resources:aysha abed library)



```

<header>
  <section class="header">
    <nav class="navbar">
      <div class="logo">
        <h2>Thesis Library</h2>
      </div>
      <div class="navmenu">
        <ul>
          <li><a href="landing.php">Home</a></li>
          <li><a href="supervisor.php">Supervisors</a></li>
          <li><a href="resources1.php">Resources</a></li>
          <li><a href="studentlog.php">Log in</a></li>
        </ul>
      </div>
    </nav>
    <div class="text-box">
      <br>
      <h3>Thesis Templates & Formats</h3>
      <br>
      <br>
    </div>
  </section>
</header>
<br>
<br>
<br>
<br>
<br>
<br>
<div class="container-grid">
  <div class="container1" onclick="goToPage('template')">
    <h2>Template</h2>
    <br>
    <p><a href="ressources/BRACU_Thesis_TemplateV2.docx" onclick="downloadFile()">See more Templates</a></p>
  </div>

  <div class="container2" onclick="goToPage('guideline')">
    <h2>Cover Page</h2>
    <br>
    <p><a href="ressources/thesis_cover.docx" onclick="downloadFile()">Download File</a></p>
  </div>
  <div class="container3" onclick="goToPage('citation')">
    <h2>Citation</h2>
    <br>
    <p><a href="https://guides.libraries.psu.edu/apaquickguide" onclick="downloadFile()">APA Quick Citation Guide</a></p>
  </div>
</div>
</body>
</html>

```

```

body{
  background:url(landing.jpg);
  background-size: cover;
  background-repeat: no-repeat;
  width: 100%;
  height: 100%;
  font-family: sans-serif;
  margin:0;
}

.navbar{
  display:flex;
  justify-content: space-between;
  align-items: center;
  text-align: center;
  width: 100%;
  height:45px;
  background-color: #rgb(62, 59, 75) ;
}

.navbar h2{
  color: #rgb(240, 249, 248);
  font-size: 30px;
  font-weight: 700;
  padding: 0px 20px;
}

.navmenu{
  display: flex;
  justify-content: space-between;
  align-items: center;
  z-index:1000;
}

.navmenu li{
  display: inline-block;
}

.navmenu li a{
  color: #rgb(226, 234, 234);
  margin-right: 20px;
  padding:8px 10px;
  font-size: 15px;
  font-weight: 500;
}

.text-box {
  width: 90%;
  color: #fffff;
  position: absolute;
  top: 10%;
  left: 50%;
  transform: translate(-50%, -50%);
  text-align: center;
}

```

```

}
.text-box h3{
    margin: 110px 0 40px;
    font-size: 20px;
    color: ■rgb(233, 233, 241);
    text-align: center;
}

.container-grid {
    display: inline-grid;
    grid-template-columns: repeat(3, 1fr);
    gap: 20px;
    padding: 40px;
}
.container1, .container2, .container3 [
    background-color: ■rgb(160, 160, 184);
    width: 240px;
    height: 170px;
    padding: 20px;
    text-align: center;
    border: 1px solid □#1d172a;
    transition: background-color 0.3s, color 0.3s;
]
.container1:hover, .container2:hover, .container3:hover {
    background-color: ■#eeececc;
    color: □#413f3f;
}
h2{
    color: □#0f0d20;
}

```

- 6. Upload page:** After creating a profile a student can upload a thesis paper with upload .php here students have to fill up all the necessary requirements and upload a pdf file which will then be saved into our database and a folder named thesis.papers.

SELECT * FROM `thesis_files`									
<input type="checkbox"/> Profiling Edit inline Edit Explain SQL Create PHP code Refresh									
<input type="checkbox"/> Show all Number of rows: 25 Filter rows: <input type="text"/> Search this table Sort by key: None									
Extra options									
← T →	▼ id	thesis_name	thesis_topic	supervisor_name	session	student_name	student_id	file_content	
<input type="checkbox"/>	Edit	Copy	Delete	18 COMPARATIVE STUDY OF TOXIC COMMENTS CLASSIFICATION...	ML	Dr. Amitabha Chakrabarty	Spring2021	Razia Razzak, Mahmudul Hasan Shakil, Md. Sadiril, M...	16101291, 16301026, [BLOB - 31 B]
<input type="checkbox"/>	Edit	Copy	Delete	19 Lung Cancer Detection And Classification Using Mac...	ML	Annajat Alim Rasel	Spring2023	Mahbubul Arefin,Md. Lokman Hekim,Afia Farjana,Nisa...	17201083,18101499,19 [BLOB - 31 B]
<input type="checkbox"/>	Edit	Copy	Delete	20 Autonomous Precision Landing of UAV Digital Twins ...	AI	Dr. Md. Khalilur Rhaman	Fall2022	Rezwana Ashrafi, Jahir Uddin, Suhail Haque Raf, Ma...	18101467, 21141072,1 [BLOB - 31 B]

Thesis Library

Student File Upload

Upload a Thesis

Thesis Name: SCAMM: Detection and Prevention of SQL Injection Attacks Using a Machine Learning Approach

Thesis Topic: ML

Supervisor's Name: Dr. Muhammad Iqbal Hossain

Session: Spring2021

Students Name: Anunida Alam, Marjan Tahreen, Md Moin Alam, Shahnewaz Ali Mohammad, Shohag Rana

Students ID: 19241021, 19241020, 17101060, 19241014, 20141033

Choose a file (PDF):

Choose File: iqbalisir2.pdf

Upload

Showing rows 0 - 3 (4 total). Query took 0.0003 seconds.

SELECT * FROM `thesis_files`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

<input type="checkbox"/> Show all	Number of rows:	25	Filter rows:	Search this table	Sort by key:	None	
Extra options							
id	thesis_name	thesis_topic	supervisor_name	session	student_name	student_id	file_content
<input type="checkbox"/>	18 COMPARATIVE STUDY OF TOXIC COMMENTS CLASSIFICATION .	ML	Dr Amitabha Chakrabarty	Spring2021	Razia Razzak, Mahmudul Hasan Shakil, Md. Sadri, M...	16101291, 16301026,	[BLOB - 31 B]
<input type="checkbox"/>	19 Lung Cancer Detection And Classification Using Mac...	ML	Annajit Alim Rasel	Spring2023	Mahbubul Arefin, Md. Lokman Hekim, Alfa Farjana, Nisa...	17201083, 18101499, 19	[BLOB - 31 B]
<input type="checkbox"/>	20 Autonomous Precision Landing of UAV Digital Twins ...	AI	Dr. Md. Khalilur Rahman	Fall2022	Rezwana Ashrafi, Jahir Uddin, Suhail Haque Raf, Ma...	18101467, 21141072, 1	[BLOB - 31 B]
<input type="checkbox"/>	21 SCAMM: Detection and Prevention of SQL Injection A...	ML	Dr. Muhammad Iqbal Hossain	Spring2021	Anunida Alam, Marjan Tahreen, Md Moin Alam, Shahne...	19241021, 19241020,	[BLOB - 31 B]

[↑](#) Check all [With selected:](#) [Edit](#) [Copy](#) [Delete](#) [Export](#)

```

<body>
    <header>
        <nav class="navbar">
            <div class="logo">
                <h2>Thesis Library</h2>
            </div>

            <div class="navmenu">
                <ul>
                    <li><a href="landing.php">Home</a></li>
                    <li><a href="supervisor.php">Supervisors</a></li>
                    <li><a href="resources1.php">Resources</a></li>
                    <li><a href="sign.php">Signup</a></li>
                    <li><a href="upload.php">Upload</a></li>
                </ul>
            </div>
        </nav>
    </header>

    <h1>Student File Upload</h1>

    <div class="container">
        <h2>Upload a Thesis</h2>
        <form action="upload.php" method="post" enctype="multipart/form-data">
            <label for="thesisname">Thesis Name:</label>
            <input type="text" id="thesisname" name="thesisname" required>
            <label for="thesisTopic">Thesis Topic:</label>
            <input type="text" id="thesisTopic" name="thesisTopic" required>
            <label for="supervisorName">Supervisor's Name:</label>
            <input type="text" id="supervisorName" name="supervisorName" required>
            <label for="session">Session:</label>
            <input type="text" id="session" name="session" required>
            <label for="studentName">Students Name:</label>
            <input type="text" id="studentName" name="studentName" required>
            <label for="student_id">Students ID:</label>
            <input type="text" id="student_id" name="student_id" required>
            <label for="file">Choose a file (PDF):</label>
            <input type="file" id="file" name="file" accept=".pdf" required>
            <button type="submit">Upload</button>
        </form>
    </div>
</body>
</html>

```

```

body{
    background:url(img/Document.jpg);
    background-size: cover;
    width: 100%;
    height: 1000px;
    box-sizing: border-box;
    font-family: sans-serif;
    margin:0;
}
.navbar{
    display:flex;
    justify-content: space-between;
    align-items: center;
    text-align: center;
    width: 100%;
    height:45px;
    background-color: #rgb(62, 59, 75) ;
}
.navbar h2{
    color: #rgb(240, 249, 248);
    font-size: 30px;
    font-weight: 700;
    padding: 0px 20px;
}
.navmenu{
    display: inline-flex;
    justify-content: space-between;
    align-items: center;
    z-index:1000;
}
.navmenu li{
    display: inline-block;
}
.navmenu li a{
    color: #rgb(226, 234, 234);
    margin-right: 20px;
    padding:8px 10px;
    font-size: 15px;
    font-weight: 500;
}

```

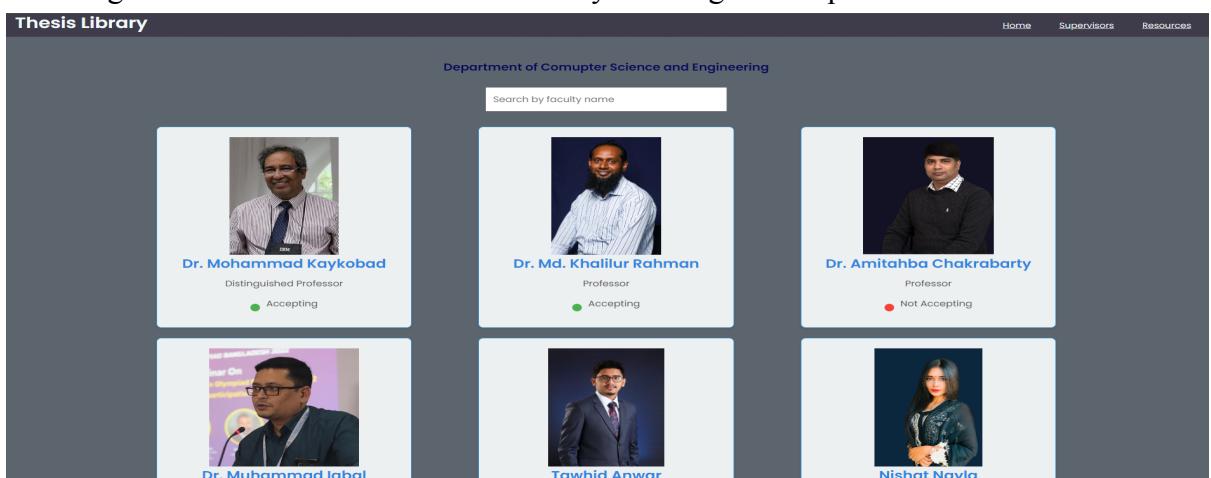
```

h1{
    text-align: center;
    color: #rgb(238, 241, 243);
}
.container {
    max-width: 600px;
    margin: 20px auto;
    background-color: rgba(3000,3000,3000, 0.4);
    padding: 20px;
    font-family: sans-serif;
    font-size: large;
    border-radius: 8px;
    box-shadow: 0 0 10px #rgba(0, 0, 0, 0.1);
}
h2{
    text-align: center;
}
form {
    display: flex;
    flex-direction: column;
}
input, button {
    margin: 10px 0;
    padding: 10px;
    border: 1px solid #ccc;
    border-radius: 4px;
}
button {
    background-color: #333;
    color: white;
    cursor: pointer;
}
button:hover {
    background-color: #555;
}

```

Contribution of ID : 23241078, Name : Pulak Deb Roy

- Supervisor page :** In the supervisor.php, I created the whole supervisor section where any student can go to check all the supervisors for the CSE department. It also shows the basic details of each faculty such as their picture, name, position and most importantly whether they are accepting or not accepting new thesis requests. In the supervisor.css part, I designed the whole structure of it. Apart from that, there is a red or green dot which indicates if the faculty is taking new requests or not.



```

<header>
<section class="header">

    <nav class="navbar">
        <div class="logo">
            <h2>Thesis Library</h2>
        </div>
        <div class="navmenu">
            <ul>
                <li><a href="landing.php">Home</a></li>
                <li><a href="supervisor.php">Supervisors</a></li>
                <li><a href="resources1.php">Resources</a></li>
                <!-- <li><a href="sign.php">Signup</a></li>
                <li><a href="Upload.php">Upload</a></li> -->
            </ul>
        </div>
    </nav>

    <div class="text-box">
        <h1>Thesis Supervisors</h1>
        <h3>Department of Computer Science and Engineering</h3>
    </div>
</section>
<!-------Service----->

<section class="service">
    <input type="text" id="searchInput" oninput="filterFaculty()" placeholder="Search by faculty name">
    <div id="searchNote"></div>

    <div class="faculty-container">
        <!-- Faculty Profile 1 -->
        <div class="faculty-profile" id="faculty1">
            <a href="faculty1.php">
                
                <h2>Dr. Mohammad Kaykobad</h2>
                <p>Distinguished Professor</p>
                <div class="thesis-availability">
                    <div class="green-light"></div>
                    <p>Accepting</p>
                </div>
            </a>
        </div>
    </div>

```

```

@import url('https://fonts.googleapis.com/css2?family=Montserrat:wght@300&display=swap');
*{
    margin: 0;
    padding: 0;
    font-family: 'Poppins', sans-serif;
}
.navbar{
    display:flex;
    justify-content: space-between;
    align-items: center;
    text-align: center;
    width: 100%;
    height:45px;
    background-color: #rgb(62, 59, 75) ;
}
.navbar h2{
    color: #rgb(240, 249, 248);
    font-size: 30px;
    font-weight: 700;
    padding: 0px 20px;
}
.navmenu{
    display: flex;
    justify-content: space-between;
    align-items: center;
    z-index:1000;
}
.navmenu li{
    display: inline-block;
}
.navmenu li a{
    color: #rgb(226, 234, 234);
    margin-right: 20px;
    padding:8px 10px;
    font-size: 15px;
    font-weight: 500;
}
.header {
    width: 100%;
    height: 46px;
    background-image: linear-gradient(#rgba(4,9,30,0.7), #rgba(4,9,30,0.7)),url(images/supervisor-pic.jpg);
    background-position: center;
    background-size: cover;
    position: relative;
}
.nav-links ul li:hover::after{
    width: 100%;
}

```

```
body{
    background-color: #rgb(92, 101, 109);
}
.text-box {
    width: 90%;
    color: #fff;
    position: absolute;
    top: 20%;
    left: 50%;
    transform: translate(-50%, -50%);
    text-align: center;
}
.text-box h1{
    font-size: 55px;
}
.text-box h3{
    margin: 150px 0 40px;
    font-size: 20px;
    color: #rgb(10, 10, 93);
    text-align: center;
}
nav .fa{
    display: none;
}
@media(max-width: 700px){
    .text-box h1{
        font-size: 12px;
    }
    .nav-links ul li{
        display: block;
    }
    .nav-links{
        position: absolute;
        background: #f44336;
        height: 100vh;
        width: 200px;
        top: 0;
        right: -200px;
        text-align: left;
        z-index: 2;
        transition: 1s;
    }
    nav .fa{
        display: block;
        color: #fff;
        margin: 10px;
        font-size: 22px;
        cursor: pointer;
    }
}
```

```

}
.service {
  width: 80%;
  margin: auto;
  text-align: center;
  padding-top: 100px;
}
#searchInput {
  padding: 10px;
  margin-bottom: 20px;
  width: 25%;
  box-sizing: border-box;
  font-size: 16px;
}
.faculty-container {
  display: flex;
  flex-wrap: wrap;
  justify-content: space-around;
}
.thesis-availability {
  display: flex;
  align-items: center;
}
.green-light {
  width: 15px;
  height: 15px;
  background-color: #4CAF50; /* Green color */
  border-radius: 50%;
  margin-right: 10px;
}
.red-light {
  width: 15px;
  height: 15px;
  background-color: #f44336;
  border-radius: 50%;
  margin-right: 10px;
}
.faculty-profile {
  flex: 0 0 calc(25% - 20px); /* Each profile takes 25%
  margin: 10px;
  border: 1px solid #3498db;
  border-radius: 8px;
  background-color: #ecf0f1;
  box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
  padding: 20px;
  transition: box-shadow 0.3s ease-in-out;
}
.faculty-profile:hover {
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
}

}
h2 {
  color: #2e86de;
  margin-bottom: 10px;
}
p {
  margin-bottom: 15px;
  color: #555;
}
strong {
  color: #2e86de;
}
img {
  max-width: 100%;
  height: 25vh;
}
.faculty-profile a {
  display: flex;
  flex-direction: column;
  align-items: center;
  text-align: center;
  text-decoration: none;
}
.faculty-profile a:hover {
  text-decoration: none;
}

```

- 2. Faculty page :** By faculty(1-6).php, I created an individual profile of all the six faculties whom I showed in the project. In the profile, the header section contains all the basic and contact information of the faculty such as their name, position, email address, office. Also in the header section, there is a highlighter showing “Accepting” or “Not accepting” so that the students can know the slot of the faculty.
- There are three classes in the body of faculty.php which contain Biography, Publications and Past Thesis. The “Biography” part gives a small introduction, faculty’s educational background and work experience.
- The “publication” part contains the details of the publications in which the faculty had been involved or worked.
- The ‘past thesis’ shows a list of thesis papers which were done under his supervision by the BRACU students.



Dr. Mr. Khalilur Rhaman

Position: Professor
 Email: khalilurrahman@bracu.ac.bd
 Address: CSE, Department Room No # UB80718, University Building # 8 46 Mohakhali C/A, Dhaka 1212, Bangladesh

● Accepting

[Biography](#) [Publications](#) [Past Thesis](#)

Biography

Dr Md Khalilur Rahman is an Associate Professor of Computer Science and Engineering Department of BRAC University. He was the principal investigator of Nation's first Nano-satellite program which is named as "BRAC ONNESHA" by BRAC University. He was assigned as the Acting Chairman of CSE department from 1st Sep-14 to 31st Dec-2014. He is the founder of Nanosatellite Technology Research (NASTER) Lab, BRAC University Robotics and a former founder advisor of BRAC University Robotic Club. The robot named CHOBORO, Model 1 and BRACU-DERUR was designed and built under his peer supervision. Different version of these Robots are currently attending in different international competitions such as NASA Lunabotic Mining Competition USA, University Rover Challenge USA, Singapore Autonomous Underwater Vehicle Competition etc. Dr. Khalil has joined in BRAC University on 2009 immediately after completing his PhD degree from Kyushu Institute of Technology, Japan and promoted as associate professor in 2011. He did a MONICA (Model Onboard Control for Intelligent Vehicle) Ph.D. Research which was funded by Japanese Government. But now his research interest diverted into Space Science & Engineering, Robotics and Embedded Systems. He was born on 1976 in a river bank city Sirajganj of Bangladesh. After completing his Secondary and Higher Secondary Schooling he took admission in Institute of Science and Technology under National University for graduation and post-graduation degrees. Dr. Khalil became point of contact (POC) of UNISSEC-Globel (University Space Engineering Consortium) on 2014. In his research and work he could build a very good relationship with government organizations like BTRC, SPARSOS, Atomic Energy Commission, CARGS, ICT Ministry etc. He is also a technical committee member of a Number of International conferences and Journals. He is an IEEE member. S21KRT is his amateur radio call sign.

Publications

- DPP-PseAAC: a DNA-binding protein prediction model using Chou's general PseAAC

MS Rahman, S Shamsel, S Saha, M Kabobali ... - *Journal of theoretical ...*, 2018 - Elsevier A DNA-binding protein (DNA-BP) is a protein that can bind and interact with a DNA. Identification of DNA-BPs using experimental methods is expensive as well as time consuming. As ... Save Cite Cited by 129 Related articles All 4 versions

Past Thesis

- [1_RetinalNet-500: A newly developed CNN Model for Eye Disease Detection](#)
- [\[Thesis 2\]](#)

```

<!-- Faculty Profile Content Section -->
<header>
    <!-- Faculty Picture -->
    

    <!-- Faculty Information -->
    <div class="faculty-info">
        <h1>Dr. Mr. Khalilur Rhaman</h1>
        <p>Position: Professor</p>
        <p>Email: khalilur.rhaman@bracu.ac.bd</p>
        <p>Address: CSE, Department  

            Room No # UBB0718, University Building # 8  

            46 Mohakhali C/A,  

            Dhaka 1212, Bangladesh.</p>
    </div>

    <div class="thesis-availability">
        <div class="green-light"></div>
        <p>Accepting</p>
    </div>
</header>

<!-- Faculty Profile Content Section -->
<section class="profile-content">
    <!-- Navigation for Profile Sections -->
    <nav class="profile-navigation">
        <ul>
            <li><a href="#biography">Biography</a></li>
            <li><a href="#publications">Publications</a></li>
            <li><a href="#past-thesis">Past Thesis</a></li>
        </ul>
    </nav>

    <!-- Biography Section -->
    <div id="biography" class="profile-section">
        <h2>Biography</h2>
        <p>Dr. Md. Khalilur Rahman is an Associate Professor of Computer Science and Engineering Department of BRAC University. He was the principal investigator of Nation's first Nan...</p>
    </div>

    <!-- Publications Section -->
    <div id="publications" class="profile-section">
        <h2>Publications</h2>
        <ul>
            <li><h3>DPP-PseAAC: a DNA-binding protein prediction model using Chou's general PseAAC</h3><br><p>MS Rahman, S Shatabda, S Saha, M Kaykobad... - Journal of theoretical ...</p>
                A DNA-binding protein (DNA-BP) is a protein that can bind and interact with a DNA. Identification of DNA-BPs using experimental methods is expensive as well as time consuming. As ...
                <div style="display: flex; justify-content: space-between; margin-top: 10px; font-size: small; color: #3498db; font-weight: bold; border-bottom: 1px solid #3498db; padding-bottom: 5px; margin-bottom: 10px; position: relative; z-index: 1; ">
                    Save Cite Cited by 129 Related articles All 4 versions</a>
                    <div style="position: absolute; right: 0; top: 0; width: 0; height: 0; border-left: 10px solid transparent; border-right: 10px solid transparent; border-bottom: 20px solid #3498db; left: 50%; top: 50%; margin-top: -10px; margin-left: -10px; z-index: 2; "></div>
                <h3>isGPT: An optimized model to identify sub-Golgi protein types using SVM and Random Forest based feature selection</h3><br><p>MS Rahman, MK Rahman, M Kaykobad... - Art...
            </li>
        </ul>
    </div>

    <!-- Past Thesis Section -->
    <div id="past-thesis" class="profile-section">
        <h2>Past Thesis</h2>
        <ul>
            <li><a href="thesis.papers/khalilsir1.pdf">1. RetinalNet-500: A newly developed CNN Model for Eye Disease Detection</a></li>
            <li><a href="#">[Thesis 2]</a></li>
            <!-- Add more past theses as needed -->
        </ul>
    </div>
</section>

</body>
</html>

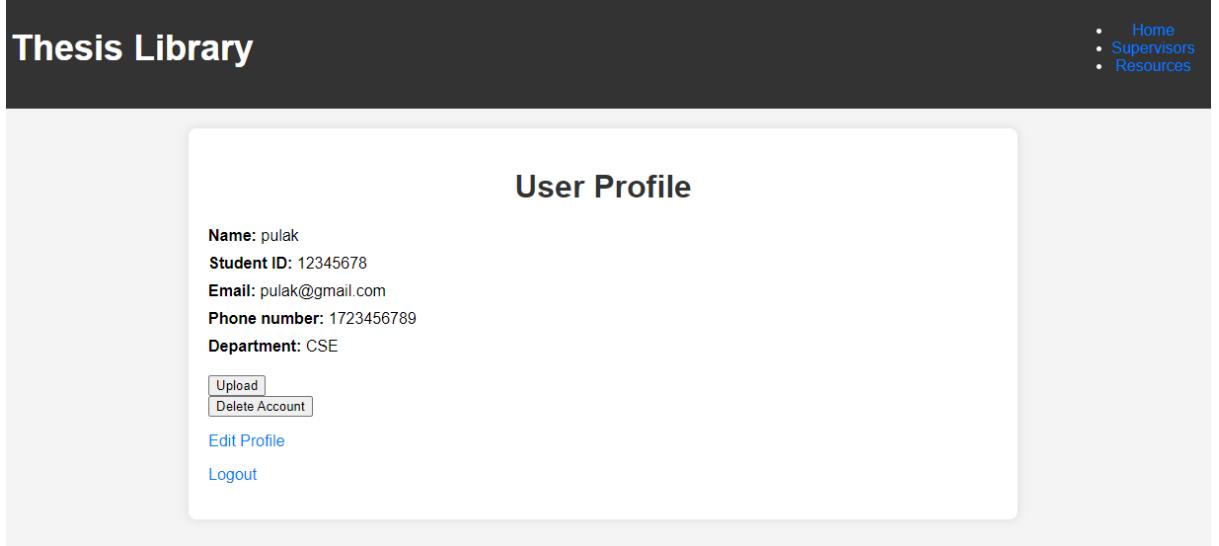
```

```

header {
    display: flex;
    align-items: center;
    justify-content: space-between;
    padding: 20px;
    background-color: #3498db;
    color: #fff;
}
.faculty-info {
    max-width: 60%;
}
.faculty-info h1 {
    margin: 0;
}
img {
    max-width: 200px;
}
.thesis-availability {
    display: flex;
    align-items: center;
}
.green-light {
    width: 15px;
    height: 15px;
    background-color: #4CAF50; /* Green color */
    border-radius: 50%;
    margin-right: 10px;
}
.profile-content {
    max-width: 800px;
    margin: 20px auto;
}
.profile-navigation ul {
    list-style: none;
    padding: 0;
    margin: 0;
    display: flex;
}
.profile-navigation li {
    margin-right: 20px;
}
.profile-navigation a {
    text-decoration: none;
    color: #3498db;
    font-weight: bold;
}
.profile-section {
    margin-top: 20px;
}

```

- 3. Profile page :** Whenever a student or an alumni creates his/her account or login to his account can see all the details such as name, email, department, phone number, student ID. They can also edit or delete their profile from here. And if they want to upload their own thesis paper to the library, the upload option is also in the profile page.



The screenshot shows the 'User Profile' page of the Thesis Library. At the top, there's a navigation bar with links to Home, Supervisors, and Resources. Below the navigation is a section displaying user information: Name: pulak, Student ID: 12345678, Email: pulak@gmail.com, Phone number: 1723456789, and Department: CSE. There are two buttons below this information: 'Upload' and 'Delete Account'. At the bottom of the page are links for 'Edit Profile' and 'Logout'.

```

<header>
  <nav class="navbar">
    <div class="logo">
      |   <h2>Thesis Library</h2>
    </div>
    <!-- Add any navigation links if needed -->
    <div class="navmenu">
      <ul>
        |   <li><a href="Homepage.php">Home</a></li>
        |   <li><a href="supervisor.php">Supervisors</a></li>
        |   <li><a href="resources1.php">Resources</a></li>
      </ul>
    </div>
  </nav>
</header>

<div class="profile">
  <h1>User Profile</h1>

  <div class="profile-info">
    <!-- <label for="name">Name:</label> -->
    <span id="name"><b>Name: </b><?php echo $_SESSION['name'] ?></span>

    <!-- <label for="student-id">Student ID:</label> -->
    <span id="student-id"><b>Student ID: </b><?php echo $_SESSION['user_id'] ?></span>

    <!-- <label for="email">Email:</label> -->
    <span id="email"><b>Email: </b><?php echo $_SESSION['email'] ?></span>

    <!-- <label for="phone-number">Phone Number:</label> -->
    <span id="phone-number"><b>Phone number: </b><?php echo $_SESSION['phone_number'] ?></span>

    <!-- <label for="department">Department:</label> -->
    <span id="department"><b>Department: </b><?php echo $_SESSION['department'] ?></span>
  </div>

  <!-- Add an Upload button -->
  <div class="upload-button">
    <form action="upload.php" method="get">
      |   <button type="submit">Upload</button>
    </form>
  </div>

  <!-- Inside the delete-button div in your user profile page -->
  <form method="get" action="delete.php">
    |   <button type="submit" name="Student_ID" onclick="return confirm('Are you sure you want to delete your account?')>Delete Account</button>
  </form>
</div>

```

```
body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    background-color: #f4f4f4;
}
header {
    background-color: #333;
    color: white;
    padding: 10px;
    text-align: center;
}
.navbar {
    display: flex;
    justify-content: space-between;
    align-items: center;
    max-width: 1200px;
    margin: 0 auto;
}
.logo {
    font-size: 1.5em;
}
.profile {
    max-width: 800px;
    margin: 20px auto;
    background-color: #fff;
    padding: 20px;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
.profile h1 {
    text-align: center;
    color: #333;
}
.profile-info {
    margin-bottom: 20px;
}
.profile-info label {
    display: block;
    font-weight: bold;
    margin-bottom: 5px;
}
.profile-info span {
    display: block;
    margin-bottom: 10px;
}
.thesis-paper h2 {
    color: #333;
}
```

```
.thesis-paper p {
    margin: 10px 0;
}
a {
    color: #007BFF;
    text-decoration: none;
}
a:hover {
    text-decoration: underline;
}
```

- 4. Homepage :** After login or creating an account, students will land to this page called ‘homepage’. It is one of the important parts of this project. From there students can access everything in the library.

```

<body>
    <script src="script1.js"></script>
    <header>
        <nav class="navbar">
            <div class="logo">
                <h2>Thesis Library</h2>
            </div>

            <div class="navmenu">
                <ul>
                    <li><a href="landing.php">Home</a></li>
                    <li><a href="supervisor.php">Supervisors</a></li>
                    <li><a href="resources1.php">Resources</a></li>
                    <li><a href="profile.php">Profile</a></li>
                    <li><a href="upload.php">Upload</a></li>
                </ul>
            </div>
        </nav>
    </header>

    <div class="page">
        <div class="page2">
            <p>Want to see thesis paper from students?</p>
            <div class="container">
                <input type="text" id="search-box" placeholder="Search by Topic or Supervisor">
                <button onclick="searchBooks()">Search</button>
                <div class="result">
                    <ul id="result-container"></ul>
                    <button id="moreButton" onclick="loadMore()><li><a href="index.php">More</a></li></button>
                </div>
            </div>
        </div>
    </div>

    <script src="search.js"></script>

    <script>
        document.getElementById("emailForm").addEventListener("submit", function (event) {
            event.preventDefault();
            var email = document.getElementById("email").value;
            var xhr = new XMLHttpRequest();

            xhr.onreadystatechange = function () {
                if (xhr.readyState === XMLHttpRequest.DONE) {

```

```

        xhr.onreadystatechange = function () {
            if (xhr.readyState === XMLHttpRequest.DONE) {
                if (xhr.status === 200) {
                    console.log(xhr.responseText);

                    closePopup();
                } else {

                    console.error("Error:", xhr.status, xhr.statusText);
                }
            }
        };

        xhr.open("POST", "student_email.php", true);
        xhr.setRequestHeader("Content-Type", "application/x-www-form-urlencoded");
        xhr.send("email=" + encodeURIComponent(email));
    });

    function closePopup() {
        document.getElementById("popup").style.display = "none";
    }
</script>

</body>
</html>

```

Homepage.css is style1.css which we used in the landing page.

5. **Edit_profile page :** In this page, user can edit their current information.

The screenshot shows a web page titled 'Edit Profile'. At the top, there is a navigation bar with the title 'Thesis Library' and a menu on the right containing 'Home', 'Supervisors', and 'Resources'. Below the navigation bar is a form with the following fields:

- Name:
- Student ID:
- Email:
- Phone Number:
- Department:
-

Below the form, there are two links: 'Back to Profile' and 'Logout'.

```

<header>
  <nav class="navbar">
    <div class="Logo">
      <h2>Thesis Library</h2>
    </div>
    <!-- Add any navigation links if needed -->
    <div class="navmenu">
      <ul>
        <li><a href="Homepage.php">Home</a></li>
        <li><a href="supervisor.php">Supervisors</a></li>
        <li><a href="resources1.php">Resources</a></li>
      </ul>
    </div>
  </nav>
</header>
<div class="profile">
  <h1>Edit Profile</h1>

  <?php
  if (isset($error_message)) {
    echo '<p style="color: red;">' . $error_message . '</p>';
  }
  ?>

  <form method="post">
    <input type="hidden" value=<?php echo isset($userDetails['name']) ? $userDetails['name'] : ''; ?>>
    <label for="name">Name:</label>
    <input type="text" id="name" name="name" value=<?php echo isset($userDetails['name']) ? $userDetails['name'] : ''; ?>> required>

    <label for="student_id">Student ID:</label>
    <input type="text" id="student_id" name="student_id" value=<?php echo isset($userDetails['student_id']) ? $userDetails['student_id'] : ''; ?>> readonly>

    <label for="email">Email:</label>
    <input type="email" id="email" name="email" value=<?php echo isset($userDetails['email']) ? $userDetails['email'] : ''; ?>> required>

    <label for="phone_number">Phone Number:</label>
    <input type="text" id="phone_number" name="phone_number" value=<?php echo isset($userDetails['phone_number']) ? $userDetails['phone_number'] : ''; ?>> required>

    <label for="department">Department:</label>
    <input type="text" id="department" name="department" value=<?php echo isset($userDetails['department']) ? $userDetails['department'] : ''; ?>> required>

    <input type="submit" value="Save Changes">
  </form>

  <p><a href="profile.php">Back to Profile</a></p>
  <p><a href="logout.php">Logout</a></p>
</div>
</body>
</html>

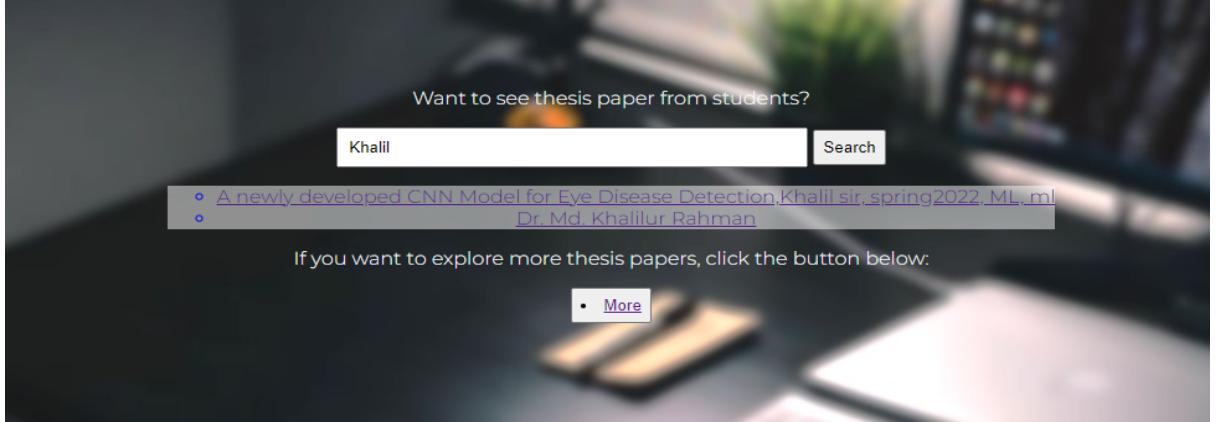
```

Backend Development

Briefly discuss about Backend Development and add Screenshots by mentioning Individual Contributions

Contribution of ID : 23241077, Name : Arundhati Sarkar Sudipta

1. **Search.js:** Users can search by faculty name or topic.



```
// Sample book data with file paths
var books = [
    { name: "A newly developed CNN Model for Eye Disease Detection,Khalil sir, spring2022, ML, ml", path: "thesis.papers/khalilsir1.pdf" },
    { name: "ML", path: "thesis.papers/khalilsir1.pdf" },
    { name: "AI ML", path: "thesis.papers/khalilsir1.pdf" },
    // { name: "NLP", path: "thesis.papers/iqbalsir1.pdf" },
    // { name: "Nlp", path: "thesis.papers/iqbalsir1.pdf" },
    { name: "Deepfake detection Using Neural Networks, Iqbal sir, fall2021, NLP, nlp", path: "thesis.papers/iqbalsir1.pdf" },
    { name: "Dr. Mohammad Kaykobad", path: "faculty1.php" },
    { name: "Dr. Md. Khalilur Rahman", path: "faculty2.php" },
    { name: "Dr. Amitabha Chakrabarty", path: "faculty3.php" },
    { name: "Dr. Muhammad Iqbal Hossain", path: "faculty4.php" },
    { name: "Tawhid Anwar", path: "faculty5.php" },
    { name: "Nishat Nayla", path: "faculty6.php" }
];

function searchBooks() {
    var searchTerm = document.getElementById('search-box').value.toLowerCase();
    var resultContainer = document.getElementById('result-container');

    // Clear previous results
    resultContainer.innerHTML = '';

    // Perform the search on the client side
    var matchingBooks = books.filter(function(book) {
        return book.name.toLowerCase().includes(searchTerm);
    });

    // Display the matching books in the result container
    if (matchingBooks.length > 0) {
        var resultList = document.createElement('ul');
        matchingBooks.forEach(function(book) {
            var listItem = document.createElement('li');

            // Create a clickable link for each book
            var link = document.createElement('a');
            link.href = book.path;
            link.textContent = book.name;
            link.target = "_blank"; // Open link in a new tab

            listItem.appendChild(link);
            resultList.appendChild(listItem);
        });
        resultContainer.appendChild(resultList);
    } else {
        resultContainer.textContent = 'No matching books found.';
    }
}
```

2. Script1.js(popup mail):

```
document.addEventListener("DOMContentLoaded", function () {
    // Your existing JavaScript code here

    // Show popup after a delay (e.g., 5 seconds)
    setTimeout(openPopup, 5000);

    function openPopup() {
        var popup = document.getElementById("popup");
        popup.style.display = "block";
    }

    function closePopup() {
        var popup = document.getElementById("popup");
        popup.style.display = "none";
    }
});
```

3. Livesearch.php:

```
<?php
require_once("DBconnect.php");

if(isset($_POST['input'])){
    $input = mysqli_real_escape_string($conn, $_POST['input']); // Sanitize user input

    $query = "SELECT * FROM thesis_files
    WHERE thesis_name LIKE '{$input}%'"
    OR thesis_topic LIKE '{$input}%'"
    OR supervisor_name LIKE '{$input}%'"
    OR session LIKE '{$input}%' LIMIT 3";

    $result = mysqli_query($conn, $query);

    if (!$result) {
        die("Query failed: " . mysqli_error($conn)); // Add error handling
    }

    if(mysqli_num_rows($result) > 0) {
        ?>
        <table class="table table-bordered table-striped mt-4">
            <thead>
                <tr>
                    <th>thesis_id</th>
                    <th>thesis_name</th>
                    <th>thesis_topic</th>
                    <th>supervisor</th>
                    <th>session</th>
                    <th>student_name</th>
                    <th>student_id</th>
                    <th>file</th>
                </tr>
            </thead>
            <tbody>
                <?php
                    while($row = mysqli_fetch_assoc($result)) {
                        $thesis_id = $row["id"];
                        $thesisName = $row["thesis_name"];
                        $thesisTopic = $row["thesis_topic"];
                        $supervisorName = $row["supervisor_name"];
                        $session = $row["session"];
                        $studentName = $row["student_name"];
                        $student_id = $row["student_id"];
                        $fileContent = $row["file_content"];
                    }
                ?>
                <tr>
                    <td><?php echo $thesis_id; ?></td>
                    <td><?php echo $thesisName; ?></td>
```

```

        <td><?php echo $thesisTopic; ?></td>
        <td><?php echo $supervisorName; ?></td>
        <td><?php echo $session; ?></td>
        <td><?php echo $studentName; ?></td>
        <td><?php echo $student_id; ?></td>
        <td><?php echo $fileContent; ?></td>
        <td colspan="6"><a href=<?php echo $fileContent; ?>" target="_blank">View PDF</a></td>

    </tr>
    <?php
}
?>
</tbody>
</table>
<?php
} else {
    echo "<h6 class='text-danger text-center mt-3'>No data found</h6>";
}
?>

```

4. Upload.php:

```

upload.php > ...
<?php

require_once("DBconnect.php"); // Include your database connection details

if ($_SERVER["REQUEST_METHOD"] == "POST") [
    // Handle other form fields

    $thesisname = isset($_POST["thesisname"]) ? mysqli_real_escape_string($conn, $_POST["thesisname"]) : "";
    $thesisTopic = isset($_POST["thesisTopic"]) ? mysqli_real_escape_string($conn, $_POST["thesisTopic"]) : "";
    $supervisorName = isset($_POST["supervisorName"]) ? mysqli_real_escape_string($conn, $_POST["supervisorName"]) : "";
    $session = isset($_POST["session"]) ? mysqli_real_escape_string($conn, $_POST["session"]) : "";
    $studentName = isset($_POST["studentName"]) ? mysqli_real_escape_string($conn, $_POST["studentName"]) : "";
    $student_id = isset($_POST["student_id"]) ? mysqli_real_escape_string($conn, $_POST["student_id"]) : "";

    // File upload handling
    $fileContent = file_get_contents($_FILES["file"]["tmp_name"]);

    // Define the folder where the PDF file will be saved
    $folder = "thesis.papers/";

    // Create the folder if it does not exist
    if (!file_exists($folder)) {
        mkdir($folder, 0777, true);
    }

    // Generate a unique filename for the PDF file
    $filename = $folder . uniqid() . ".pdf";

    // Save the PDF file to the specified folder
    file_put_contents($filename, $fileContent);

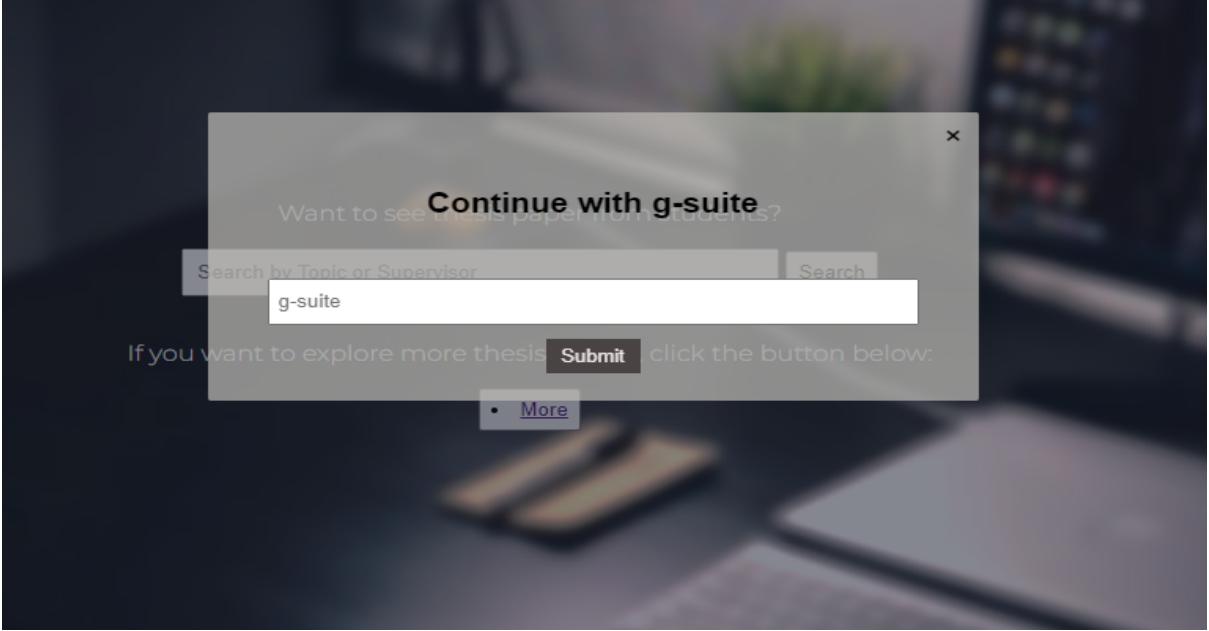
    // Insert data into database with the file link
    $sql = "INSERT INTO thesis_files (thesis_name, thesis_topic, supervisor_name, session, student_name, student_id, file_content)
           VALUES ('$thesisname', '$thesisTopic', '$supervisorName', '$session', '$studentName', '$student_id', '$filename')";

    if ($conn->query($sql) === TRUE) {
        // echo "File uploaded successfully and data inserted into the database.";
        header("Location: homepage.php");
        exit();
    } else {
        echo "Error: " . $conn->error;
    }
}
// Close the database connection
$conn->close();
?>

```

Contribution of ID : 23241078, Name : Pulak Deb Roy

1. Landing page email retrieve logic :



The screenshot shows a dark-themed landing page. At the top, there is a search bar with the placeholder "Search by Topic or Supervisor" and a "Search" button. Below the search bar, the text "g-suite" is typed into the input field. A modal window titled "Continue with g-suite?" is displayed in the center. The modal contains the text "Want to see all papers from authors?". Below this, it says "If you want to explore more thesis" followed by a "Submit" button and the instruction "click the button below:". A "More" button is also present. The background of the page shows some blurred text and images.

```
<?php

if(isset($_SESSION['logged_in']) && $_SESSION["logged_in"]){
    //do nothing
}
else {
    echo '<div id="popup" class="popup">';
    echo '<div class="popup-content">';
        echo '<span class="close-btn" onclick="closePopup()">&times;</span>';
        echo '<h2></h2>';
        echo '<p><h5>Continue with g-suite</h5></p>';
        echo '<form id="emailForm">';
            echo '<input type="email" placeholder="g-suite" id="email" name="email" required>';
            echo '<input type="submit" value="Submit">';
        echo '</form>';
    echo '</div>';
echo '</div>';
}

?>
```

2. Create account page logic:

```
<?php
require_once("DBconnect.php");

session_start();

if (isset($_POST['name']) && isset($_POST['s_id']) && isset($_POST['email']) && isset($_POST['phn']) && isset($_POST['dept']) && isset($_POST['password'])){

    $name = $_POST["name"];
    $studentID = $_POST["s_id"];
    $email = $_POST["email"];
    $phoneNumber = $_POST["phn"];
    $department = $_POST["dept"];
    $password = $_POST["password"];

    $sql = "SELECT * FROM create_account WHERE email = '$email' ";

    $result = mysqli_query($conn, $sql);

    if(mysqli_num_rows($result) != 0) {
        // Email exists
        // echo "Email already exists!";

    } else {
        // Email doesn't exist, insert it into the database
        $insertSql = "INSERT INTO create_account (name, student_id, email, phone_number, department, password)
                     VALUES ('$name', '$studentID', '$email', '$phoneNumber', '$department', '$password')";

        if(mysqli_query($conn, $insertSql)) {
            $_SESSION['user_id'] = mysqli_insert_id($conn);

            header("Location: landing.php");
            // Email inserted successfully, you might want to perform some actions here

            // echo "Email successfully inserted!";
        }
    }
}
?>
```

3. Login page logic:

```
login.php > ...
1   <?php
2   include 'DBconnect.php';
3
4   session_start();
5   var_dump($_SESSION);
6
7
8   // Define variables
9   $email = mysqli_real_escape_string($conn, $_POST['email']);
10  $password = mysqli_real_escape_string($conn, $_POST['password']);
11
12  // Check if user exists
13  $sql = "SELECT * FROM create_account WHERE Email = '$email'";
14  $result = mysqli_query($conn, $sql);
15
16  if (mysqli_num_rows($result) > 0) {
17      // User exists, now verify password
18      $user = mysqli_fetch_assoc($result);
19
20      if ($password == $user['Password']) {
21          // Password verified, create session and redirect to home page
22          $_SESSION['user_id'] = $user['Student_ID'];
23          $_SESSION['name'] = $user['Name'];
24          $_SESSION['department'] = $user['Department'];
25          $_SESSION['phone_number'] = $user['Phone_Number'];
26          $_SESSION['email'] = $user['Email'];
27          header("Location: homepage.php");
28      } else {
29          // Password incorrect, show error popup
30          echo "Password incorrect";
31      }
32  } else {
33      // User not found
34      echo "Email not found.";
35  }
36
37  mysqli_close($conn);
38 ?>
```

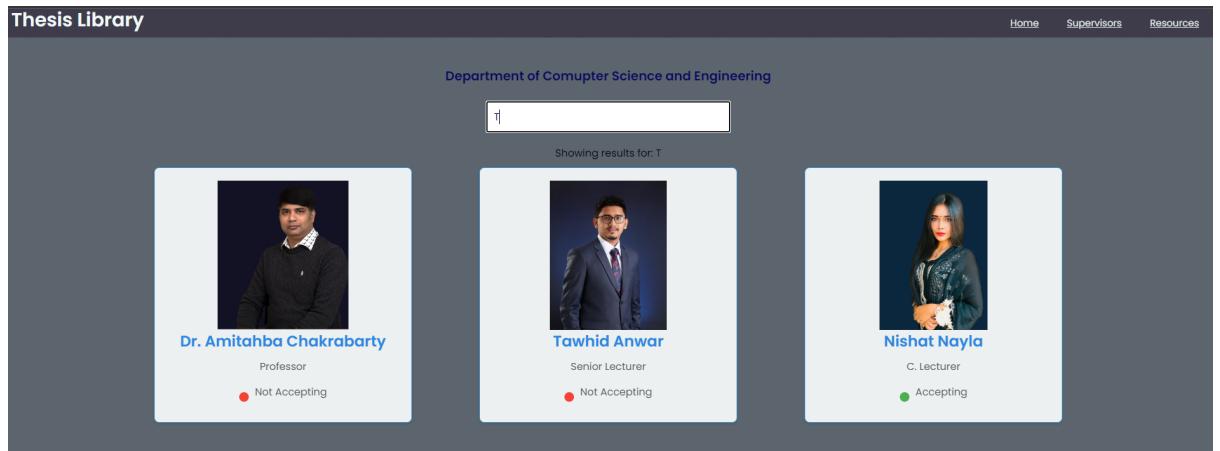
4. Edit profile logic:

```

1 <?php
2
3 require_once('DBconnect.php');
4 session_start();
5
6 // Check if the user is logged in
7 if (!isset($_SESSION['user_id'])) {
8     header("Location: login.php"); // Redirect to login page if not logged in
9     exit();
0 }
1
2 // Handle form submission
3 if ($_SERVER["REQUEST_METHOD"] == "POST") {
4     // Sanitize and validate the input data as needed
5
6     // Update user information in the database
7     $studentId = $_SESSION['user_id'];
8     $name = $_POST['name'];
9     $email = $_POST['email'];
0     $phone_number = $_POST['phone_number'];
1     $department = $_POST['department'];
2
3     // Update the user details in the database (modify this query based on your database structure)
4     $updateSql = "UPDATE create_account SET name = '$name', email = '$email', phone_number = '$phone_number', department = '$department' WHERE student_id = '$studentId'";
5     echo "Name: $name, Email: $email, Phone Number: $phone_number, Department: $department";
6
7     if (mysqli_query($conn, $updateSql)) {
8         // Update successful
9         echo "Update successful";
0     } else {
1         // Handle the case where the update fails
2         $error_message = "Error updating user information: " . mysqli_error($conn);
3         echo $error_message; // Display the error for debugging purposes
4     }
5
6     // Fetch user details for pre-filling the form
7     $studentId = $_SESSION['user_id'];
8     $fetchUserSql = "SELECT * FROM create_account WHERE student_id = '$studentId'";
9     $result = mysqli_query($conn, $fetchUserSql);
0
1     if ($result && mysqli_num_rows($result) > 0) {
2         $userDetails = mysqli_fetch_assoc($result);
3     } else {
4         // Handle the case where user details couldn't be fetched
5         $error_message = "Error fetching user information";
6         echo '<p style="color: red;">' . $error_message . '</p>';
7     }
8 }
9

```

5. Scripts.js : I used this search option in the supervisor page so that users can search for faculties.



```

function filterFaculty() {
    // Get input value from the search box
    var input = document.getElementById("searchInput");
    var filter = input.value.toUpperCase();

    // Get all faculty profiles
    var facultyProfiles = document.querySelectorAll(".faculty-profile");

    // Loop through each profile and hide those that don't match the search query
    facultyProfiles.forEach(function (profile) {
        var facultyName = profile.querySelector("h2").innerText.toUpperCase();
        if (facultyName.includes(filter)) {
            profile.style.display = "";
        } else {
            profile.style.display = "none";
        }
    });

    // Display search note
    var searchNote = document.getElementById("searchNote");
    if (filter !== "") {
        searchNote.innerText = `Showing results for: ${filter}`;
    } else {
        searchNote.innerText = "";
    }
}

```

6. Delete.php :

```

delete.php > ...
<?php
// Assuming you have received the data through the URL parameters (GET)

$Student_ID = $_GET["Student_ID"];

// Include your database connection file
require_once("DBconnect.php");

// Delete the account based on student_id
$sql3 = "DELETE FROM create_account WHERE student_id = '$Student_ID'";
$result3 = mysqli_query($conn, $sql3);

if ($result3) {
    echo "Account with Student ID $Student_ID has been deleted successfully.";
} else {
    echo "Error: Unable to delete the account. " . mysqli_error($conn);
}

// Close the database connection
mysqli_close($conn);
?>

```

Contribution of ID : 21201581, Name : Ganim Zawhar

1. Database:

I have created the ‘thesis library’ database where the data from the website will be stored. First of all, there is a create_account table where the account data gets stored after a student/alumni creates their account via the create account page. When someone tries to log into their account, the email and password is checked from the table whether it matches or not. The thesis_files table is connected to the homepage and has the thesis data stored. Anyone can search in the homepage and the thesis stored in the table will be shown. The supervisor’s profile can also be accessed from the homepage and the supervisor’s name, rank, biography, publications are stored in the supervisor_profile table. The supervisor can have multiple publications. The publications are stored in a separate table supervisor_publication. A student can view a thesis without creating an account just by entering their email. A student gets access to the resources where they can see the cover page, template that can be used when uploading a thesis. The resources table stores this data. The template table stores the thesis templates for use.

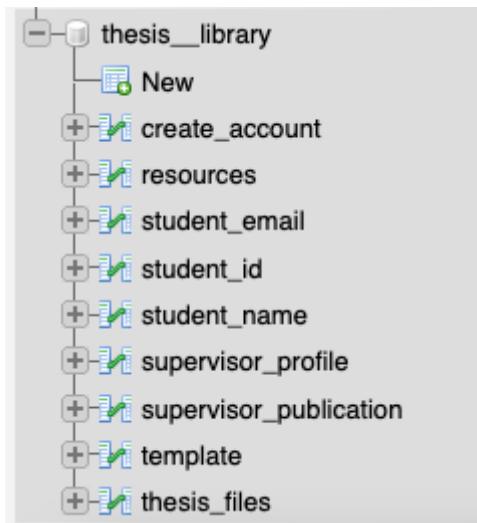


Table	Action	Rows	Type	Collation	Size	Overhead
create_account		4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
resources		0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
student_email		6	InnoDB	utf8mb4_general_ci	16.0 KiB	-
student_id		0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
student_name		0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
supervisor_profile		1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
supervisor_publication		0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
template		0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
thesis_files		3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
9 tables		Sum		14 InnoDB utf8mb4_general_ci 144.0 KiB		0 B

Conclusion

This project is aimed to organize multiple user views and real world functions regarding managing thesis archives, showing supervisors list and resources in a small picture. Concluding our project journey, we proudly present the “Thesis Library” .

References

1. Bootstrap:<https://getbootstrap.com/>(for Live search)
2. ajax:https://www.w3schools.com/xml/ajax_intro.asp
3. <https://www.bracu.ac.bd/resources/ayesha-abed-library>(resources)
4. <https://unpkg.com/boxicons@latest/css/boxicons.min.css>