A
Mini Project II Report
On

BITBook

Submitted to

ASPIRE TO EXCEL

BHILAI INSTITUTE OF TECHNOLOGY, DURG

An Autonomous Institute
Affiliated to

Chhattisgarh Swami Vivekanand Technical University, Bhilai (C.G.)

In partial fulfillment of the requirements for the award of

Bachelor of Technology
In
Computer Science and Engineering , 4th Semester

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Under the Guidance of

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Assistant Professor (Computer Science & Engineering)

Session:2024 -2025

DECLARATION BY THE CANDIDATE

We, the undersigned solemnly declare that the report of the project work entitled *BITBook*, is based on my own work carried out during the course of my study under the guidance of *Prof. Amit Singh Thakur, Prof.Saurabh Kumar Pandya, Prof. Anmol Chaure*

We assert that the statements made and conclusions drawn are an outcome of the project work. I further declare that to the best of my knowledge and belief that the report does not contain any part of any work which has been submitted for the award of any other degree/diploma/certificate in this University/deemed University of India or any other country. All help received and citations used for the preparation of the thesis have been duly acknowledged.

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CERTIFICATE OF THE SUPERVISOR

This is to certify that the report of the project entitled *BITBook* is a record of project work carried out by *Pranshu Sahu* , *Prashun Mishra, Ayush Lakra* , bearing University Roll No 3001022222008 ,3001022222011 , 3001022222001 , & Enrollment No.: CC1546, CC1517, CC1558… under my guidance and supervision for the award of Degree of Bachelor of Technology in Computer Science and Engineering, Bhilai Institute of Technology, Durg, an autonomous institute affiliated to Chhattisgarh Swami Vivekanand Technical University, Bhilai (CG).

To the best of my/our knowledge and belief the project

- Embodies the work of the candidate him/herself,

- Has duly been completed,

- Fulfills the requirement of the Ordinance relating to the B.Tech. degree of the University and

- Is up to the desired standard both in respect of contents and language for being referred to examiners.

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(Signature of the Guide)

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Designation:_____

Department: Computer Science & Engineering

CERTIFICATE BY THE EXAMINERS

The Project entitled *BITBook* submitted by *Pranshu Sahu , Prashun Mishra, Ayush Lakra ,* (University Roll No.: 3001022222008,3001022222070 , 3001022222001 . Enrollment No. CC1546, CC1517,CC1558 has been examined by the undersigned as a part of the examination and is hereby recommended for the award of the degree of Bachelor of Technology in Computer Science Engineering, Bhilai Institute of Technology, Durg, an autonomous institute affiliated to Chhattisgarh Swami Vivekanand Technical University, Bhilai (CG).

_____   _____

Internal Examiner   External Examiner

Date: Date:

ACKNOWLEDGEMENT

_____   _____   _____
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CHAPTER -1

INTRODUCTION

Chapter -1 Introduction

Abstract

The BITBook Mini project aims to develop a specialized social networking platform for college communities, facilitating seamless communication, information sharing, and collaboration among students and professors. By implementing core features such as user authentication, discussion forums, user profiles, and post sharing, BITBook Mini provides a centralized hub for academic and social interactions. This report details the project's objectives, functionalities, and implementation plan, highlighting its significance in enhancing community engagement within a college environment. Additionally, the project explores the potential extension of features, such as subject-wise notes, to further support the academic needs of the users.

Introduction

In today's digital age, effective communication and collaboration within educational institutions are crucial. Traditional methods often fail to meet the dynamic needs of college communities. The BITBook Mini project addresses this gap by creating a dedicated platform that fosters an interconnected college environment.

BITBook Mini, a simplified version of the BITBook project, serves as a hub for students and professors to engage in discussions, share announcements, and collaborate on academic and extracurricular activities. With features like discussion forums, communities, user profiles, and post sharing, BITBook Mini aims to enhance the overall college experience.

The platform supports real-time interactions and aims to build a robust alumni network. Its flexibility to extend with features like subject-wise notes sharing etc. ensures it can evolve to meet the changing needs of the college community.

Keywords

College Community, Social Networking Platform, Discussion Forum, User Profiles, Post Sharing, Academic Collaboration, Alumni Network, Information Sharing, Educational Technology

CHAPTER -2

LITERATURE SURVEY

CHAPTER 2   LITERATURE SURVEY

Overview of Social Networking Platforms in Educational Contexts

Social networking platforms have become essential in modern education, providing tools for communication, collaboration, and information sharing among students and teachers. This survey explores various studies highlighting the use of social networking services (SNS) in educational environments, their advantages, limitations, and how they can be integrated into the teaching-learning process.

Key Studies:

1. **Building an Online Community: Student Teachers' Perceptions on the Advantages of Using Social Networking Services in a Teacher Education Program**

   Authors: Habibi, A., Mukminin, A., Riyanto, Y., et al.
   Journal: Turkish Online Journal of Distance Education (2018)
   DOI: 10.17718/tojde.382663

   Summary: This study examined student teachers' perceptions of using SNS in an English teacher education program at a public university in Indonesia. The platforms included WhatsApp, Telegram, Email, and Google Form. Through qualitative focus group discussions with 42 student teachers, the study identified two main themes: social interaction (peer discussion and interaction with supervisors) and learning motivation and experience support (self-directed learning, critical thinking, content engagement). Pedagogical and social implications were discussed.

2. **Social Networking Websites as an Innovative Framework for Connectivism**

   Author: Tinmaz, H.
   Journal: Contemporary Educational Technology (2020)
   DOI: 10.30935/cedtech/6080

   Summary: This article discusses Connectivism as an instructional framework for social networking websites. Connectivism emphasizes learning through interactions within a network. The study highlights how platforms like Facebook and Twitter can create learning

networks and online communities, enhancing educational activities. The article provides suggestions for integrating social networking websites into educational practices.

3. **Google Classroom as a Learning Platform in Teaching Writing**

Author: Syafi'i, A.
Journal: British (Jurnal Bahasa dan Sastra Inggris) (2020)
DOI: 10.31314/british.9.1.48-64.2020

Summary: This study focuses on using Google Classroom in teaching English writing in an EFL context. Google Classroom facilitates interaction, collaboration, and evaluation between teachers and students. The study highlights the platform's benefits in blended learning environments, such as personalized learning experiences and improved classroom management. Challenges and future directions for using Google Classroom in English Language Teaching (ELT) are also discussed.

4. **WhatsApp: Creating a Virtual Teacher Community for Supporting and Monitoring After a Professional Development Programme**

Author: Moodley, M.
Journal: South African Journal of Education (2019)
DOI: 10.15700/saje.v39n2a1323

Summary: This study explores how teachers and officials in a rural South African district used WhatsApp as a virtual community of practice after a professional development program. WhatsApp facilitated monitoring and support, promoting social learning and networking. The study found that effective use of WhatsApp depended on participants' awareness of the community context and willingness to accept diverse views.

Comparative Analysis

Study	Platform	Advantages	Limitations
Habibi et al. (2018)	WhatsApp, Telegram, Email, Google Form	Enhanced social interaction, supports self-directed learning and critical thinking	Limited to specific tools, may lack comprehensive features for academic management
Tinmaz (2020)	Facebook, Twitter	Promotes Connectivism, facilitates learning networks	May include non-academic content, requires careful moderation

Syafi'i (2020)	Google Classroom	Facilitates blended learning, improves classroom management	Limited customization, requires internet access
Moodley (2019)	WhatsApp	Creates virtual communities of practice, supports real-time interaction	Not designed for professional use, storage and organization issues

Pros and Cons of Existing Platforms

WhatsApp, Telegram, Email, Google Form

- **Pros**: Easy to use, widely accessible, supports various forms of communication.
- **Cons**: Not specifically designed for education, lack of organization, storage issues, personal-professional overlap.

Facebook, Twitter

- **Pros**: Wide reach, promotes networking and community building, supports multimedia content.
- **Cons**: Potential for non-academic content, requires moderation, privacy concerns.

Google Classroom

- **Pros**: Integrated with Google Suite, supports collaboration and assignment management, user-friendly interface.
- **Cons**: Limited to Google's ecosystem, less customization, dependent on internet access.

CHAPTER -3
PROBLEM STATEMENT, HARDWARE & SOFTWARE REQUIREMENT

CHAPTER 3

PROBLEM STATEMENT, HARDWARE AND SOFTWARE REQUIREMENT

3.1 Problem Statement

Effective communication and collaboration within college communities are often constrained by the limitations of general-purpose social networking platforms. Existing solutions like WhatsApp, Facebook, and Google Classroom may not fully cater to the specific needs of educational environments, resulting in disorganized information sharing, insufficient privacy and security measures, and a lack of tailored features for academic and co-curricular interactions. Moreover, these platforms often fall short in establishing and maintaining a strong alumni network, which is crucial for ongoing engagement and support within the college community.

BITBook addresses these issues by offering a specialized platform designed to meet the unique needs of college communities. The platform aims to enhance communication, collaboration, and management of academic and co-curricular content while fostering a robust alumni network.

Key Objectives

1. Develop a Secure Authentication System: Implement a robust user authentication mechanism to ensure secure access and protect user data within the platform.

2. Create an Organized Discussion Forum: Build a centralized forum for structured discussions, announcements, and academic collaboration, facilitating effective communication among students and professors.

3. Enhance User Interaction through Profiles and Post Sharing: Provide detailed user profiles and a streamlined system for sharing posts about co-curricular activities and achievements, allowing users to connect and learn more about each other.

4. Establish and Maintain a Strong Alumni Network: Incorporate features that support the creation and maintenance of an alumni network, enabling former students to stay connected with their alma mater and each other.

HARDWARE REQUIREMENT

1. **Network:** High-speed internet connection with sufficient bandwidth
2. **Processor**: Multi-core processor
3. **RAM**: Minimum 8 GB
4. **Storage**: SSD storage with a minimum capacity of 500 GB, recommended 1 TB
5. **User Devices**:Personal computers, laptops, tablets, or smartphones with internet connectivity and modern web browsers

SOFTWARE REQUIREMENT

1. **Development Environment**: Modern IDE (e.g., Visual Studio Code), Git for version control
2. **Backend**: Python or Node.js, PostgreSQL or MySQL
3. **Frontend**: React.js or similar framework
4. **Hosting**: AWS or similar cloud service

CHAPTER -4

METHODOLOGY

CHAPTER 4: METHODOLOGY

Methods

1. **Framework:** Use NodeJS for the backend, MongoDB for the database, HTML/CSS for the front end.
2. **Authentication:** Make separate sign-up/ login for users.
3. **Database :** Mongodb contains profile details and posts.
4. **Routes:** Home page with sign-up/ login interface, Sign-in and signup , create post, profile page.
5. **Public :** All static files like Profile , homepage,create-post page,signin/signup pages.

Implementation

1. **Setup:** Initialize the project, create apps, and configure settings and URLS.
2. **Authentication:** Implement sign-up/login.
3. **Models:** Define post and user schema models.
4. **Routing:** Post search, authentication and profile urls.
5. **Public:** Adding static files related to profile data and posts.
6. **Testing:** Test functionality, and debug issues.

Folder Structure:

Name	Status	Date modified	Type	Size
models	✖	01-08-2024 02:28	File folder	
node_modules	✖	04-07-2024 21:01	File folder	
public	✖	01-08-2024 02:28	File folder	
routes	✖	01-08-2024 02:28	File folder	
.env	⊘	04-07-2024 11:38	ENV File	1 KB
index	⊘	01-08-2024 02:29	JavaScript Source ...	2 KB
package	✖	04-07-2024 21:01	JSON Source File	1 KB
package-lock	✖	04-07-2024 21:01	JSON Source File	38 KB

Fig 4.1

Database (MongoDB):

Fig 4.2, Fig 4.3

Models:

Post.js

```javascript
const mongoose = require('mongoose');
const { Schema } = mongoose;

const postSchema = new Schema({
    author: { type: Schema.Types.ObjectId, ref: 'User', required: true },
    content: { type: String, required: true },
    visibility: { type: String, enum: ['public', 'private'], default:
'public' },
    likes: [{ type: Schema.Types.ObjectId, ref: 'User' }]
},
{
    timestamps:true
}
);

const Post = mongoose.model('Post', postSchema);

module.exports = Post;
```

Fig 4.4

User.js

```javascript
const mongoose = require('mongoose');
const { Schema } = mongoose;

const userSchema = new Schema({
    name: { type: String, required: true },
    email: { type: String, required: true, unique: true },
    password: { type: String, required: true },
    bio: { type: String }, // Add bio field
    profession: { type: String }, // Add profession field
    gender: { type: String, enum: ['male', 'female', 'other'] }, // Add
gender field
});

const User = mongoose.model('User', userSchema);

module.exports = User;
```

Fig 4.5

CHAPTER -5

RESULT AND DISCUSSION

CHAPTER-5 RESULT AND DISCUSSION

Results

1. **User Authentication:** Implemented successfully, allowing secure account creation and login for students and professors.
2. **Discussion Forum**: Fully functional, enabling users to start and participate in discussions on academic and general topics.
3. **User Profiles**: Enabled users to create and manage profiles with personal details and bios.
4. **Post Sharing**: Users can share text-based posts, including announcements and event details.
5. **Alumni Network**: Facilitates connections between current students and alumni, enhancing long-term engagement with the college community.

Discussion

1. **Strengths:**
   a. Improved Communication: Centralized features enhance the efficiency of information sharing and discussions.
   b. Increased Engagement: User profiles and discussion forums foster active participation and connections.
   c. Alumni Connectivity: Supports ongoing relationships with alumni.
2. **Limitations:**
   a. Scalability: Future improvements needed to manage increased user traffic and data volume.
   b. Feature Limitations: Some desired features, like subject-wise notes, were not included due to time constraints.
   c. User Feedback: Positive initial feedback, with suggestions for usability improvements and additional features.

Home Page
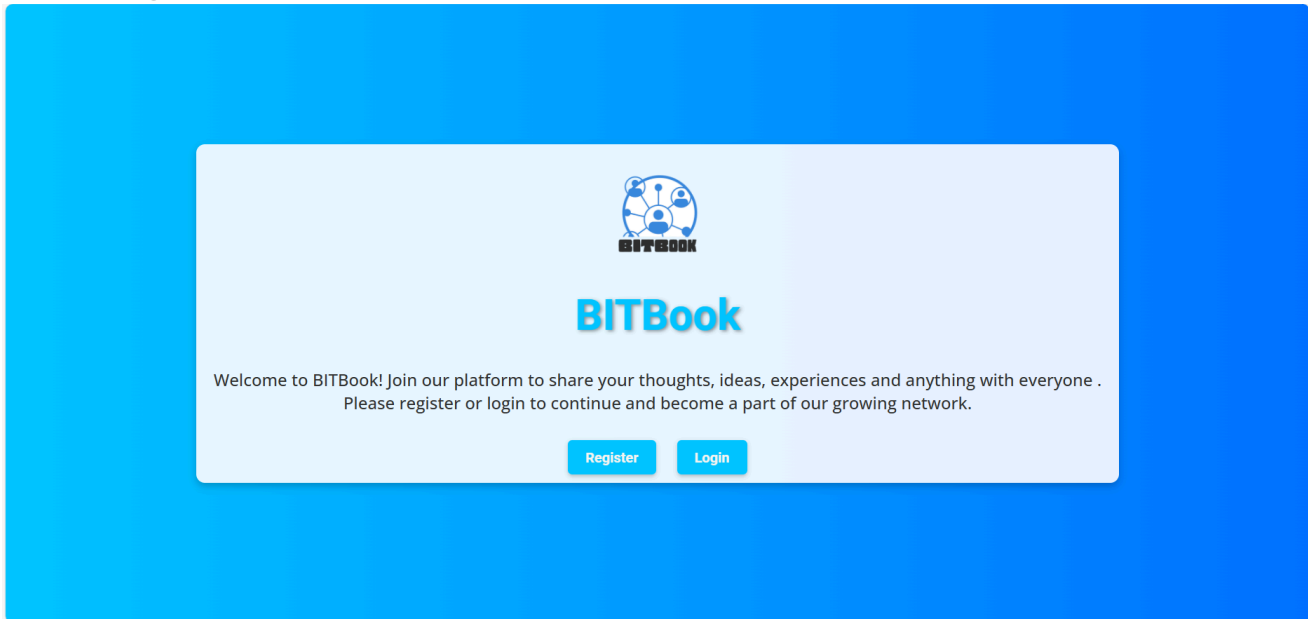

Fig 5.1

Authentication pages

Sign-up Page
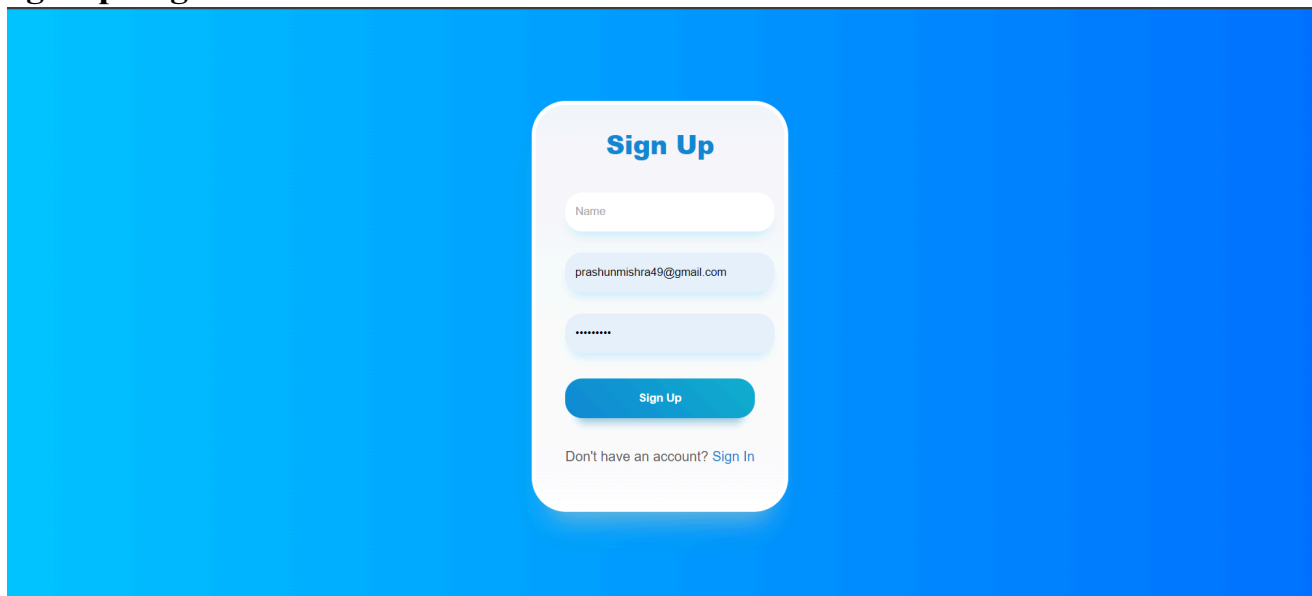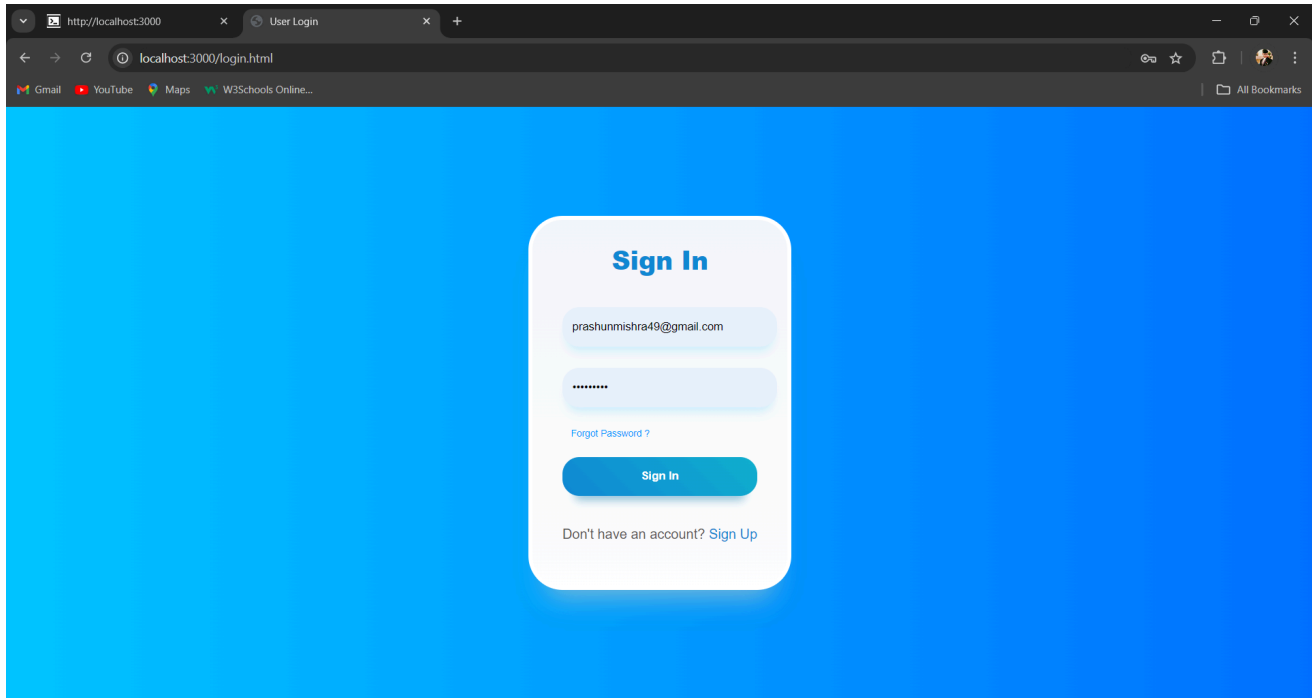

Fig 5.2

Sign-In Page

Fig 5.3

Create Post

Fig 5.4

Profile Page

Fig 5.5

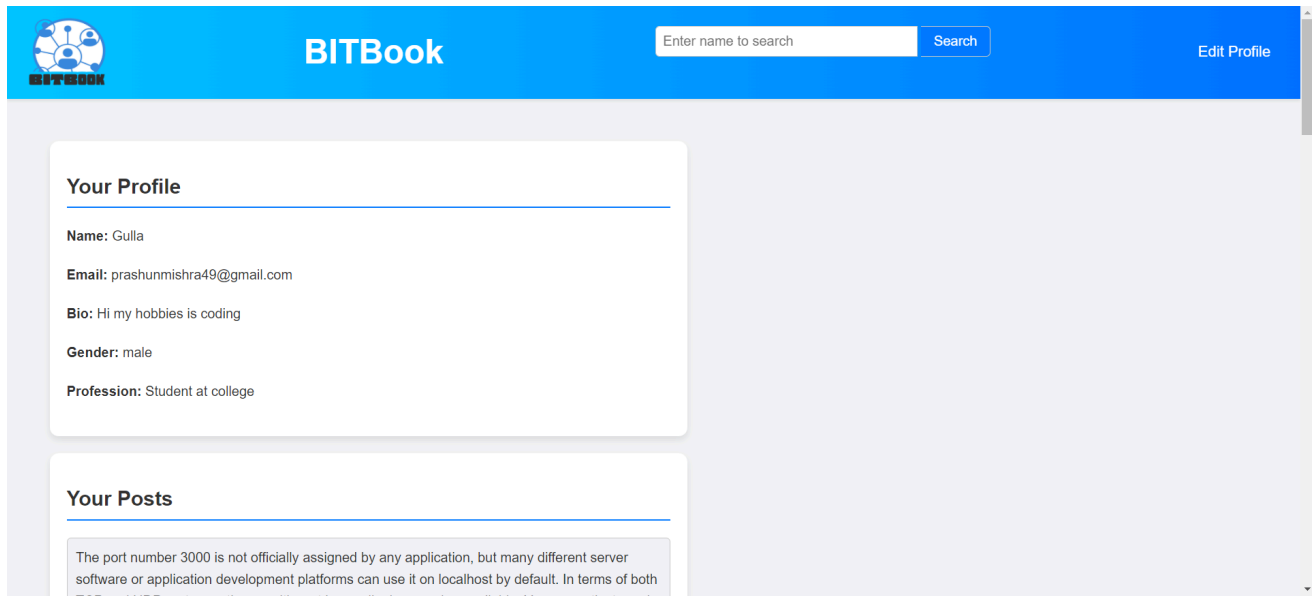## Search Users
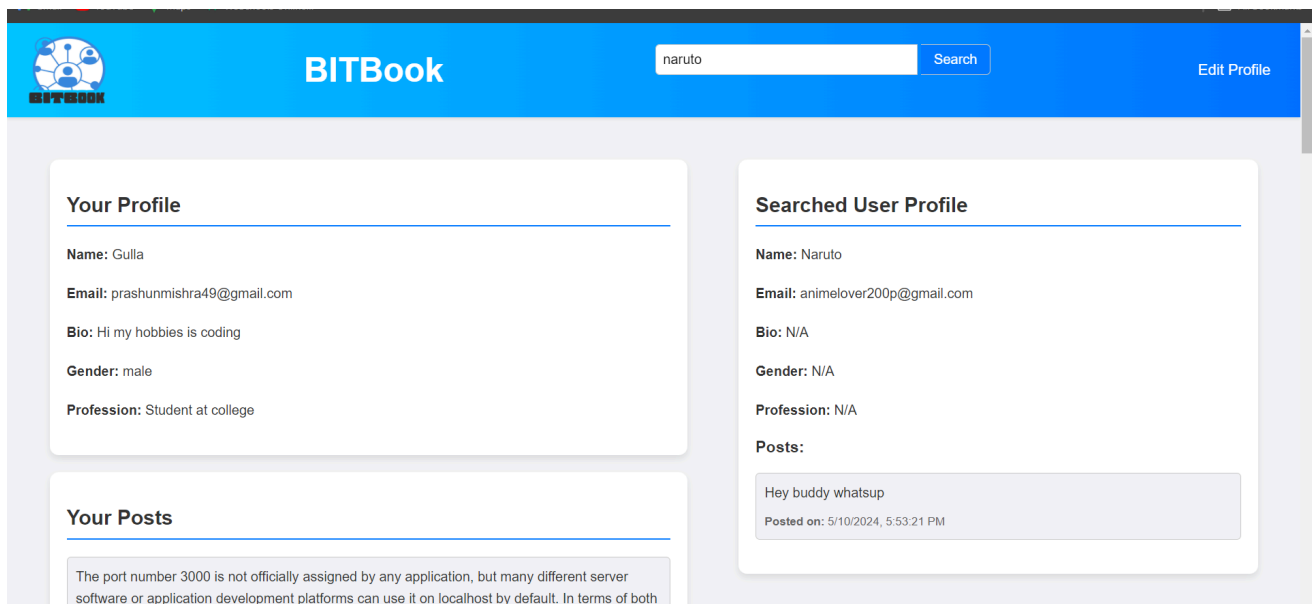
Fig 5.6

Edit Profile

Fig 5.7

Data Flow Diagram
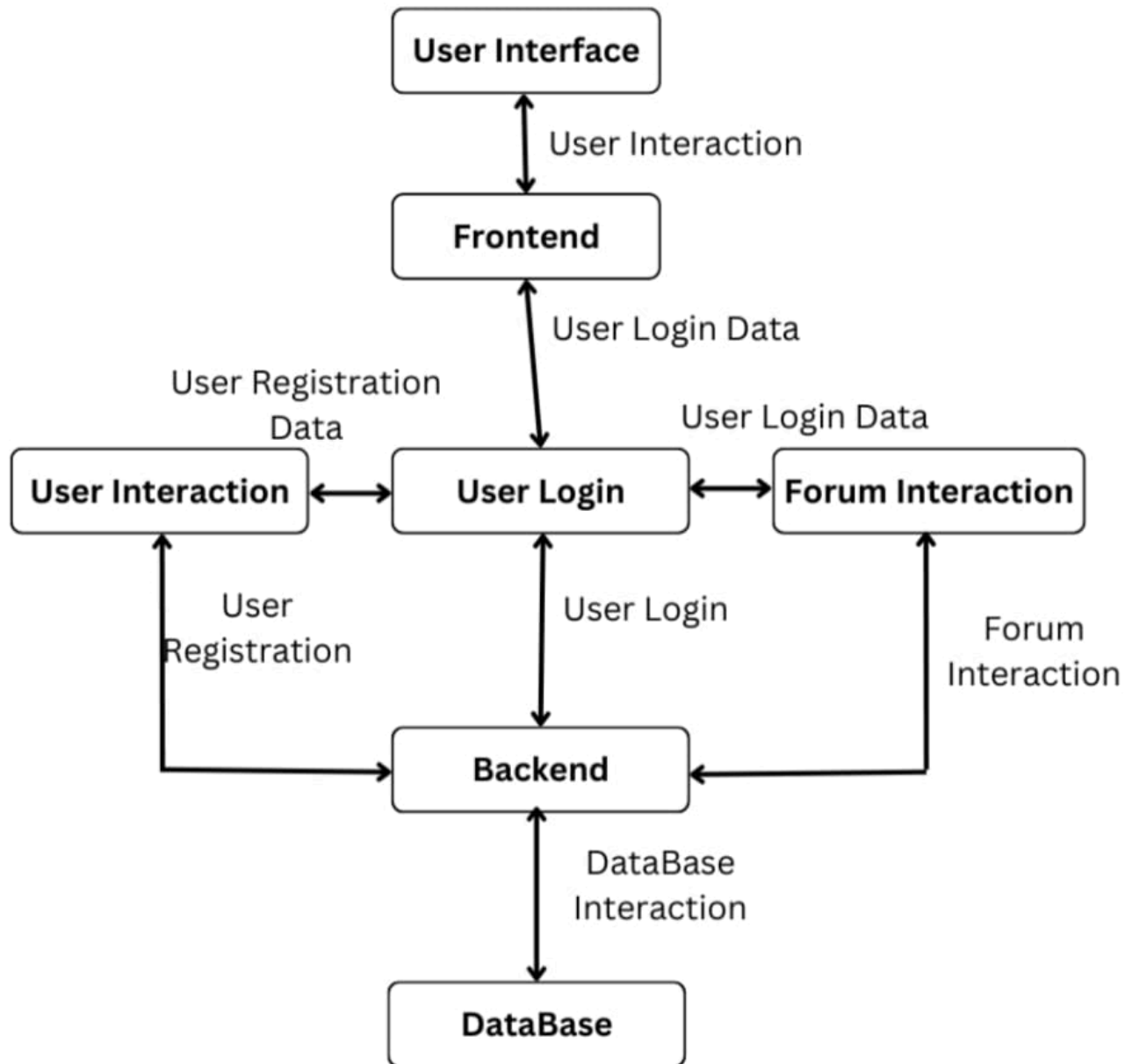
Fig 5.8

CHAPTER -6

CONCLUSION AND FUTURE SCOPE

CHAPTER -6   CONCLUSION AND FUTURE SCOPE

6.1 CONCLUSION

The BITBook project successfully addresses key communication and collaboration needs within a college environment. By implementing user authentication, discussion forums, user profiles, and post-sharing features, the platform fosters enhanced interaction and engagement among students and professors. The addition of alumni network capabilities further strengthens the connection between current students and former graduates, contributing to a more cohesive college community.

The project's core functionalities have been developed and tested effectively, demonstrating the potential for BITBook to improve information dissemination and community engagement within the college. Despite some limitations, such as scalability concerns and the omission of additional features like subject-wise notes, the project provides a solid foundation for further development and refinement.

6.2 Future Scope

1. **Scalability Enhancements**: Future work will focus on optimizing the platform to handle increased user traffic and data volume, ensuring a seamless experience as the user base grows.
2. **Feature Expansion**: Additional features, such as subject-wise notes and advanced search capabilities, will be explored to provide more value to users and address emerging needs.
3. **User Experience Improvements**: Ongoing user feedback will be collected to refine the platform's design and usability, incorporating suggestions to enhance the overall user experience.
4. **Integration with Other Tools**: Future iterations may consider integrating BITBook with other educational tools and platforms to broaden its functionality and support diverse academic activities.

REFERENCES

1. Habibi, A., Mukminin, A., Riyanto, Y., et al. (2018). *Building an online community: Student teachers' perceptions on the advantages of using social networking services in a teacher education program*. Turkish Online Journal of Distance Education, 19(1), 46-61. [DOI: 10.17718/tojde.382663](https://www.mendeley.com/catalogue/4481e3ba-a330-3874-9432-4868fe890590/)

2. Tinmaz, H. (2020). *Social Networking Websites as an Innovative Framework for Connectivism*. Contemporary Educational Technology, 3(3). [DOI: 10.30935/cedtech/6080](https://www.mendeley.com/catalogue/04fedf90-3008-3d6e-9a36-7a67264e2e58/)

3. Syafi'i, A. (2020). *Google Classroom as Learning Platform in Teaching Writing*. British (Jurnal Bahasa dan Sastra Inggris), 9(1), 48-64. [DOI: 10.31314/british.9.1.48-64.2020](https://www.mendeley.com/catalogue/62818b75-1eec-349d-a538-cfc53d059904/)

4. Moodley, M. (2019). *Whatsapp: Creating a virtual teacher community for supporting and monitoring after a professional development programme*. South African Journal of Education, 39(2). [DOI: 10.15700/saje.v39n2a1323](https://www.mendeley.com/catalogue/2d5ce3ea-3b22-3da6-8220-904d729e378c/)

SOURCE CODE OF PROJECTS

Source Code
index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>BITBook</title>
    <link rel="stylesheet" href="styles.css">
    <style>
@import
    url('https://fonts.googleapis.com/css2?family=Edu+AU+VIC+WA+NT+Hand:wght@400..700
    &family=Open+Sans:ital,wght@0,300..800;1,300..800&family=Rubik:ital,wght@0,300..9
    00;1,300..900&display=swap');
        body {
            font-family: 'Roboto', sans-serif;
            margin: 0;
            padding: 0;
            display: flex;
            flex-direction: column;
            align-items: center;
            justify-content: center;
            height: 100vh;
            background: linear-gradient(to right, #00c6ff, #0072ff);
            color: #333;
        }
        header {
            text-align: center;
            margin-bottom: 15px;
        }
        h1 {
            font-size: 3em;
            color:#00c6ff;
            text-shadow: 2px 2px 4px rgba(0, 0, 0, 0.4);
            animation: pulse 2s infinite;
        }
        img {
            width: 100px;
            height: auto;
            margin-top: 10px;
            animation: fadeIn 1.5s ease-out;
        }
        #app {
            background: rgba(255, 255, 255, 0.9);
            padding: 20px;
            border-radius: 10px;
            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
            text-align: center;
            animation: fadeIn 1.5s ease-out;
        }
        #welcome-message p {
```

```css
            font-size: 1.2em;
            margin-bottom: 20px;
        }
        #auth-links a {
            text-decoration: none;
            color: #f9f5f4;
            font-weight: bold;
            margin: 0 10px;
            padding: 10px 20px;
            border-radius: 5px;
            transition: color 0.3s ease, transform 0.3s ease, background-color 0.3s
    ease;
            animation: bounce 2s infinite;
            box-shadow: 0 2px 4px rgba(0, 0, 0, 0.2);

        }
        #auth-links a:hover {
            color: #fff;
            background-color: #ff7e5f;
            transform: scale(1.1);
        }
        @keyframes fadeIn {
            from { opacity: 0; transform: translateY(-20px); }
            to { opacity: 1; transform: translateY(0); }
        }
        @keyframes pulse {
            0% { transform: scale(1); }
            50% { transform: scale(1.1); }
            100% { transform: scale(1); }
        }
        @keyframes bounce {
            0%, 20%, 50%, 80%, 100% { transform: translateY(0); }
            40% { transform: translateY(-10px); }
            60% { transform: translateY(-5px); }
        }
        .bit{
            background-color: #00c6ff;
            padding-bottom: 20px;
        }
        p{

 font-family: "Open Sans", sans-serif;
 font-optical-sizing: auto;
 font-weight: 500;
 font-style: normal;
 font-variation-settings:
   "wdth" 100;


        }
    </style>
</head>
<body>
```

```html
    <div id="app">
        <header>
            <img src="./BITBook transparent.png" alt="BITBook Logo">
            <h1>BITBook</h1>
        </header>
        <div id="welcome-message">
            <p>Welcome to BITBook! Join our platform to share your thoughts, ideas,
experiences and anything with everyone .<br> Please register or login to continue
and become a part of our growing network.</p>
        </div><br>
        <div id="auth-links">
            <a class="bit" href="register.html">Register</a>
            <a class="bit" href="login.html">Login</a>
        </div>
    </div>
    <script src="scripts.js"></script>
</body>
</html>
```

Profile.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>User Profile</title>
    <link rel="stylesheet" href="styles.css">
    <style>
         body {
            font-family: 'Arial', sans-serif;
            margin: 0;
            padding: 0;
            background: #f3f4f6;
            color: #333;
        }
        h1 {
            padding: 20px;
            margin-left: 0;
            padding-left: 0;
            text-align:justify;
            margin: 0;
            font-size: 2.5em;
            color: #fff;
        }
        nav {
            background: linear-gradient(to right, #00c6ff, #0072ff);
            display: flex;
            justify-content: space-between;
            align-items: center;
            padding: 10px 20px;
            box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
```

```css
    position: sticky;
    top: 0;
    z-index: 1000;
}
nav a {
    color: #fff;
    text-decoration: none;
    margin: 0 15px;
    font-size: 1.1em;
    transition: color 0.3s ease;
}
nav a:hover {
    color: #ffcc00;
}
.search-container {
    display: flex;
    align-items: center;
    position: relative;
}
#search-query {
    padding: 8px;
    border: 1px solid #ccc;
    border-radius: 5px 0 0 5px;
    font-size: 1em;
    width: 290px;
}
#searching {
    padding: 8px 15px;
    border: 1px solid #ccc;
    border-left: none;
    border-radius: 0 5px 5px 0;
    background: #007BFF;
    color: white;
    cursor: pointer;
    font-size: 1em;
}
#searching:hover {
    background: #0056b3;
}
#search-results {
    list-style-type: none;
    padding: 0;
    position: absolute;
    top: 100%;
    left: 0;
    background: #fff;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
    width: 300px;
    border-radius: 5px;
    z-index: 1000;
    margin-top: 5px;
}
#search-results li {
    padding: 10px;
    border-bottom: 1px solid #ccc;
```

```css
    transition: background 0.3s ease;
}
#search-results li:hover {
    background: #f3f4f6;
}
#search-results li:last-child {
    border-bottom: none;
}
.container {
    background: #fff;
    padding: 20px;
    margin: 20px;
    border-radius: 10px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
    animation: fadeIn 1.5s ease-out;
}
.profile h2 {
    font-size: 1.5em;
    border-bottom: 2px solid #007BFF;
    padding-bottom: 10px;
    margin-bottom: 20px;
}
p, ul {
    font-size: 1em;
    line-height: 1.6;
    margin-bottom: 20px;
}
ul {
    list-style-type: none;
    padding: 0;
}
ul li {
    background: #f3f4f6;
    padding: 10px;
    margin-bottom: 10px;
    border-radius: 5px;
    position: relative;
}
input {
    width: calc(100% - 20px);
    padding: 10px;
    margin-bottom: 20px;
    border: 1px solid #ccc;
    border-radius: 5px;
    font-size: 1em;
}
button {
    padding: 10px 20px;
    font-size: 1em;
    color: #fff;
    background: #007BFF;
    border: none;
    border-radius: 5px;
    cursor: pointer;
    transition: background 0.3s ease, transform 0.3s ease;
```

```css
        }
        button:hover {
            background: #0056b3;
            transform: scale(1.05);
        }
        .like-button {
            background: none;
            border: none;
            color: #007BFF;
            cursor: pointer;
            font-size: 1em;
            margin-right: 10px;
        }
        .like-button.liked {
            color: #FF0000;
        }
        .like-count {
            font-size: 0.9em;
            color: #555;
        }
        @keyframes fadeIn {
            from { opacity: 0; transform: translateY(-20px); }
            to { opacity: 1; transform: translateY(0); }
        }
        .main-container {
            display: flex;
            justify-content: space-between;
            padding: 20px;
            flex-wrap: wrap;
        }
        .left-column, .right-column {
            flex: 1;
            margin: 10px;
            min-width: 300px;
        }
        .right-column {
            max-width: 650px;
        }
        .searching {
            margin-top: 0;
            padding: 0;
        }
        .profile img {
            border-radius: 50%;
            width: 100px;
            height: 100px;
            object-fit: cover;
            display: block;
            margin: 0 auto 20px;
        }

        img {
            width: 100px;
            height:90px;
            margin-top: 0px;
```

```html
                animation: fadeIn 1.5s ease-out;
            }

    </style>
</head>
<body>
    <nav>
        <img src="./BITBook transparent.png" alt="BITBook Logo">
        <h1>BITBook</h1>
        <div class="search-container">
            <label>
            <input type="text" id="search-query" placeholder="Enter name to search">
            <button id="searching" onclick="searchUsers()">Search</button>
        </label>
            <ul id="search-results"></ul>
        </div>
        <a href="#edit-profile-form" onclick="showEditProfileForm()">Edit Profile</a>
    </nav>
    <div class="main-container">
        <div class="left-column">
            <div id="user-info" class="container profile" id="profile-section">
                <h2>Your Profile</h2>
                <p><strong>Name:</strong> <span id="name"></span></p>
                <p><strong>Email:</strong> <span id="email"></span></p>
                <p><strong>Bio:</strong> <span id="bio"></span></p>
                <p><strong>Gender:</strong> <span id="gender"></span></p>
                <p><strong>Profession:</strong> <span id="profession"></span></p>
                <div id="edit-profile-form" class="container profile"
    style="display:none;">
                    <h2>Edit Profile</h2>
                    <label for="edit-bio">Bio:</label>
                    <input type="text" id="edit-bio"><br>
                    <label for="edit-gender">Gender:</label>
                    <select id="edit-gender">
                        <option value="male">Male</option>
                        <option value="female">Female</option>
                        <option value="other">Other</option>
                    </select><br>
                    <label for="edit-profession">Profession:</label>
                    <input type="text" id="edit-profession"><br>
                    <button onclick="updateProfile()">Update</button>
                    <button onclick="hideEditProfileForm()">Cancel</button>
                </div>
            </div>
            <div id="user-posts" class="container profile">
                <h2>Your Posts</h2>
                <ul id="post-list"></ul>
            </div>
        </div>
        <div class="right-column">
            <div id="searched-user-profile" class="container profile" style="display:
    none;">
                <h2>Searched User Profile</h2>
                <p><strong>Name:</strong> <span id="searched-name"></span></p>
                <p><strong>Email:</strong> <span id="searched-email"></span></p>
```

```html
            <p><strong>Bio:</strong> <span id="searched-bio"></span></p>
            <p><strong>Gender:</strong> <span id="searched-gender"></span></p>
            <p><strong>Profession:</strong> <span id="searched-profession"></span></p>

             <h3>Posts:</h3>
            <ul id="searched-post-list"></ul>
        </div>
      </div>
    </div>
    <script src="scripts.js"></script>
</body>
</html>
```

Script.js