

STUDENT'S E-CORNER

A MINI PROJECT REPORT

Submitted by

G.SHILPA(B182670) , R.MAMATHA(B181929) ,

P.SRILATHA(B181188)

of

**Bachelor of Technology in
Computer Science & Engineering**

Under the guidance of

Mr. LAXMI NARAYANA

Assistant Professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES,
BASAR, NIRMAL (DIST.), TELANGANA – 504107**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES, BASAR

CERTIFICATE

This is to certify that the Mini Project Report entitled '**STUDENT'S E-CORNER**' submitted by **G.SHILPA – B182670, R.MAMATHA–B181929, P.SRILATHA–B181188**, Department of Computer Science and Engineering, Rajiv Gandhi University Of Knowledge Technologies, Basar; for partial fulfillment of the requirements for the degree of Bachelor of Technology in Computer Science and Engineering; is a bonafide record of the work and investigations carried out by them under my supervision and guidance.

PROJECT GUIDE

Mr. Laxmi Narayana

Assistant Professor

EXTERNAL EXAMINER



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES, BASAR

DECLARATION

We hereby declare that the work which is being presented in this mini project entitled," **STUDENT'S E-CORNER** "submitted to **RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES, BASAR** in the partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE AND ENGINEERING**, is an authentic record of our own work carried out under the supervision of " **MR.LAXMI NARAYANA** ", **Assistant Professor in Department of Computer Science and Engineering, RGUKT, Basar.**

The matter embodied in this project report has not been submitted by us for the award of any other degree.

Place: Basar

Date: 02/09/2023

G.SHILPA – B182670

R.MAMATHA – B181829

P.SRILATHA – B181188

ABSTRACT

Student's E-corner website was developed for creating an interactive platform for admin and Students. This website provides an interface for admin through which he can upload the resources for respective subjects of different branches. This website provides an interface for students through which they can access resources provided by Admin in an organized way.

This website allows the students to report the queries to the Admin, which can be addressed by the Admin. Resources and support are available around the clock, allowing students to study and seek assistance at their own pace and time.

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1.Vision Statement

Our vision at Student's E-Corner Platform is to revolutionize education by providing a dynamic, accessible, and student-centric digital ecosystem. We envision a world where every student, regardless of their background or location, has equitable access to high-quality educational resources and personalized learning experiences. Through cutting-edge technology and a commitment to innovation, we aim to inspire a lifelong love for learning, foster global collaboration, and shape the leaders and thinkers of the future. Our vision is a world where education knows no boundaries, and every student can reach their full potential, leading to a brighter and more inclusive future for all."

1.1 Objectives

1. Resource Accessibility: Ensure that students can easily access and download a wide variety of educational resources, including textbooks, lecture notes, and study materials.
2. Quality Assurance: Curate and maintain a repository of high-quality, up-to-date educational materials to support students in their learning journey.
3. User-Friendly Interface: Design an intuitive and user-friendly website interface that facilitates seamless navigation and resource discovery.
4. Interactive Learning: Integrate interactive tools and multimedia resources to enhance the learning experience and engage students actively.
5. Expert Support: Provide a platform for students to seek guidance from administrators or educators to address queries, clarify concepts, and receive academic assistance.

1.2 Targets

1. User Registration and Engagement: Monitor the user registration count and user activity metrics.
2. Resource Library: Upload and maintain a minimum of 5,000 high-quality educational resources within the first six months.
3. Resource Diversity: Ensure that the resource library covers a wide range of subjects and topics, with a minimum of 20 distinct categories
4. Admin Content Management: Ensure that admins successfully update learning materials for each week for at least 90% of the duration of the project. Monitor content update frequency and accuracy.
5. Continuous Improvement: Regularly update and improve the website based on user feedback, with at least four significant updates each year.

1.3 Benefits

Hands-on Learning: Students Can able to access the resources in an organized form, allowing them to apply theoretical knowledge in their exams.

Structured Learning: Weekly schedules and organized content help learners progress systematically, ensuring a well-rounded understanding of programming concepts.

Self-Paced Study: Users can learn at their own pace, revisiting previous weeks' content and practicing until they feel confident in their skills.

Flexibility: The web-based platform enables learning from anywhere, at any time, making education accessible to a wider range of students.

2. Project Overview

Introduction

The Student's E-Corner Website is an innovative educational platform designed to provide students with the effective learning experience in through the resources ,that are provided by the admin. This platform offers structured learning,Vewing the resources ,Downloading the resources. Users can report their Queries and feedbackthrough the contact us section that was provided, access learning materials. Admins have the abilitytomanagecontentsuch as uploading the resources and addressing the Queries, ensuringadaptability andrelevance.

TechStack

Frontend:HTML,CSS, Bootstrap

Backend:PHP

Database:My SQL

AdminPanel:AdminInterfaceforcontentmanagement.

3.RequirementsDocument:Student's E-corner

Functional Requirements

User Registration and Authentication:

Users can create accounts using valid username and password. Users must verify their username during signing up. Passwords must meet complexity requirements and be securely stored. Users can login using their registered username and password.

Admin Functionality:

In a Student's E-Corner website, administrators play a crucial role in maintaining and enriching the platform. One of their primary responsibilities is uploading resources. Here's a breakdown of what administrators do when uploading resources: Learning Materials and

Resource Selection: Administrators identify and select educational resources that align with the platform's goals and the needs of the student community. These resources can include textbooks, lecture notes, Youtube links, and other study materials.

Quality Assurance: Before uploading any resource, administrators ensure its quality and relevance. They may review the content, verify its accuracy, and assess its educational value to make sure it meets the platform's standards.

Administrators will ensure that the resources they upload are legally accessible to users. They may obtain necessary permissions or use resources with open licenses.

File Upload: Administrators upload the selected resources to the platform's database. They may organize resources into categories or subject areas to make them easily discoverable for users.

User Interaction: Administrators may engage with users to gather feedback on the resources and identify areas for improvement. They also respond to user queries and provide assistance when users encounter issues with the resources.

Student Functionality:

Students play a pivotal role in a Student's E-Corner website by actively engaging in various activities such as registering, logging in, and downloading resources. Here's a breakdown of what students do:

Sign Up: Students begin by registering on the platform. They provide essential information like their User name, password. For this we have created a signup

form in which student's fill the form and register. Which will be stored in the database called users.

Login: If the user already had an account student can directly verify his credentials by filling the login form. Once verification is done it takes the user to the student interface.

Downloading Resources: Students get into their respective branch and access the subject, which they are required at the moment. Then they will download the respective resource.

Admin interaction: Students can post their queries regarding resources. They can also give their valuable feedback to the website.

Product Backlog:

Implement a user account to allow users to find the courses.

User should be able to select the course and year.

User should be able to access the content in the database.

Administrator can access and modify the information in the database of this system. They can upload new content as per the user interest and wish.

Design Papers:

Our design papers include About, Courses, Contact US of our student's e-corner website.

System Documentation:

System Documentation includes required documents, design decisions, architecture descriptions, program source code of our student's e-corner website. It includes description of our courses, the database schema, and API used for connection between frontend and backend.

User Documents:

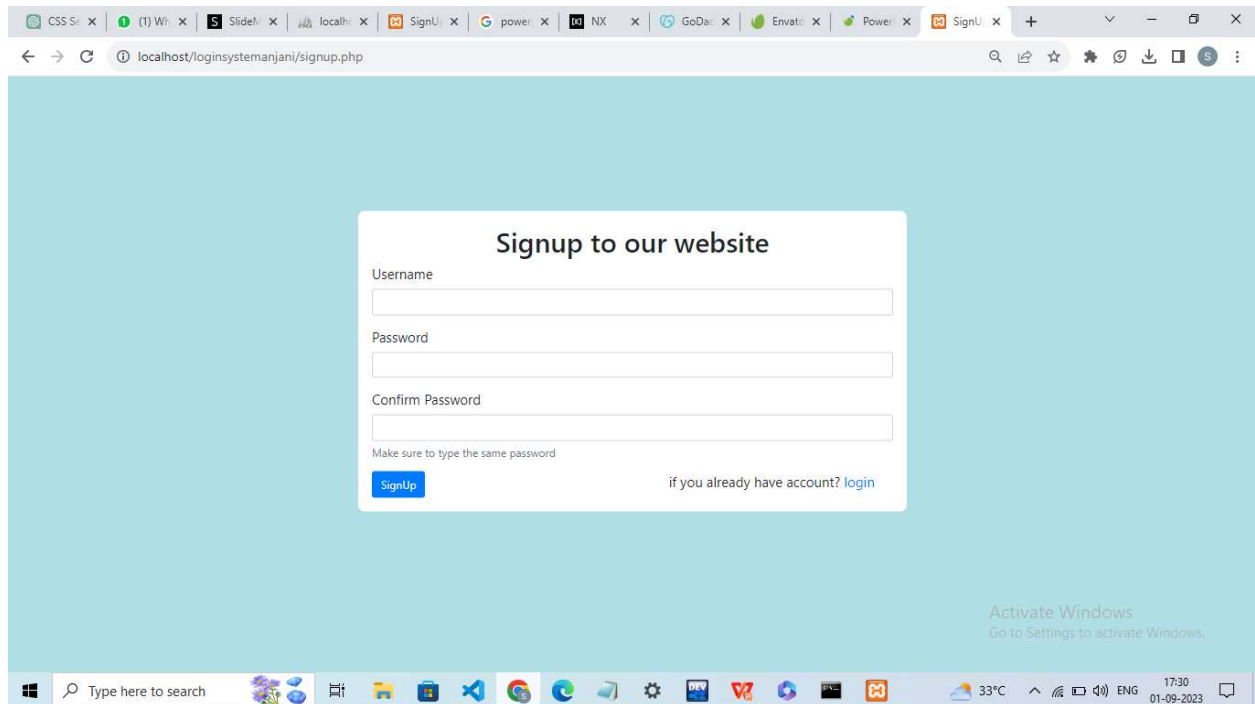
Our User Documents include a User manual and User guides for our student's e-corner website. The user manual provides a brief overview of the website features, services and way to use them. The user guides provide keen detailed guidance for creating account, viewing courses and accessing the content.

Our Student's E-corner Website consist of:

1. Signup
2. Login
3. Student interface:Home,About us,Courses.
- 4.Admin interface:Home,Courses,Query.

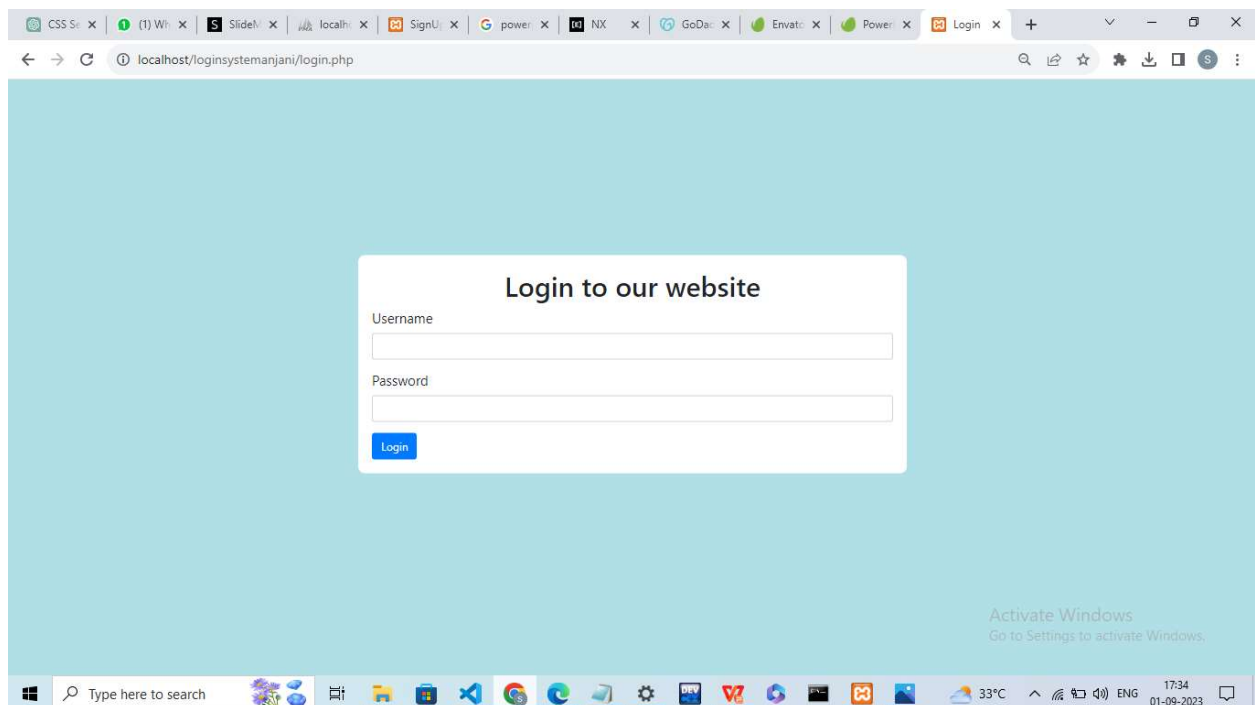
OUTPUTS:

1.Signup



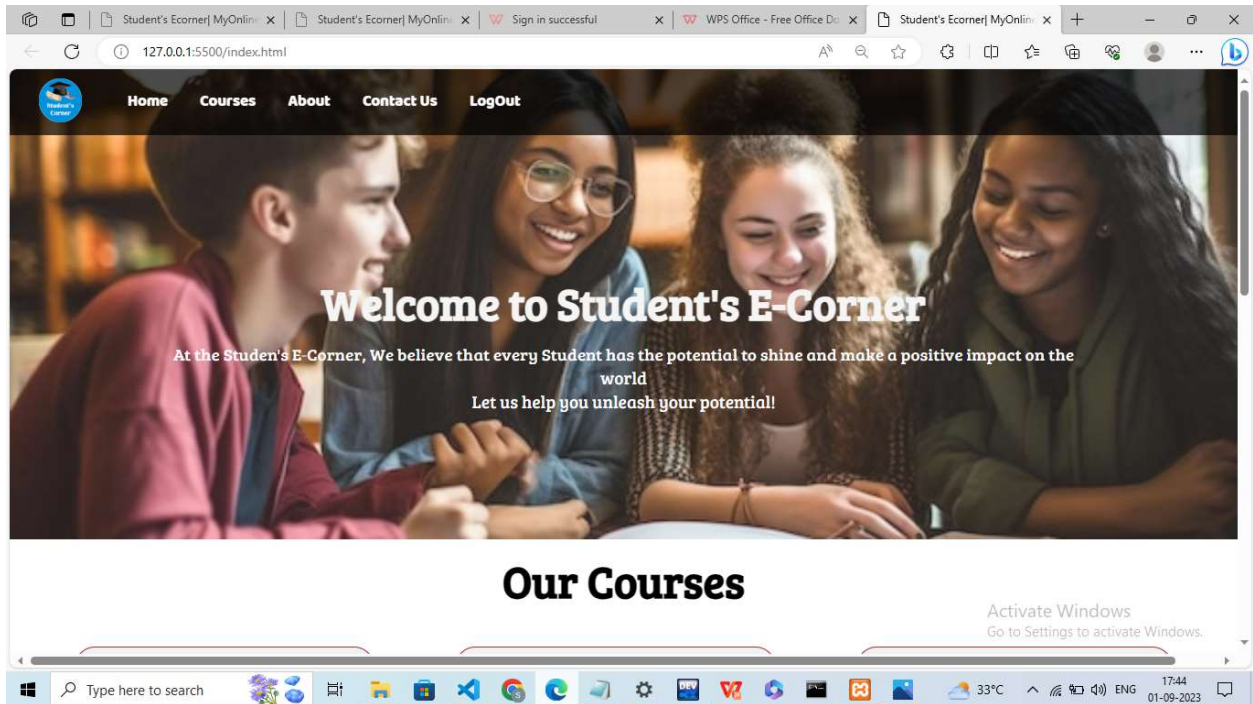
The screenshot shows a web browser window with the address bar displaying `localhost/loginsystemanjan/signup.php`. The page has a light blue background. In the center, there is a white box titled "Signup to our website". Inside this box, there are three input fields labeled "Username", "Password", and "Confirm Password". Below the "Confirm Password" field, there is a small text提示: "Make sure to type the same password". At the bottom left of the white box is a blue button labeled "SignUp". At the bottom right is a link that says "if you already have account? [login](#)". The Windows taskbar is visible at the bottom, showing the search bar, task view button, and several application icons. The system tray on the right shows the temperature as 33°C, the date as 01-09-2023, and the time as 17:30.

2.Login

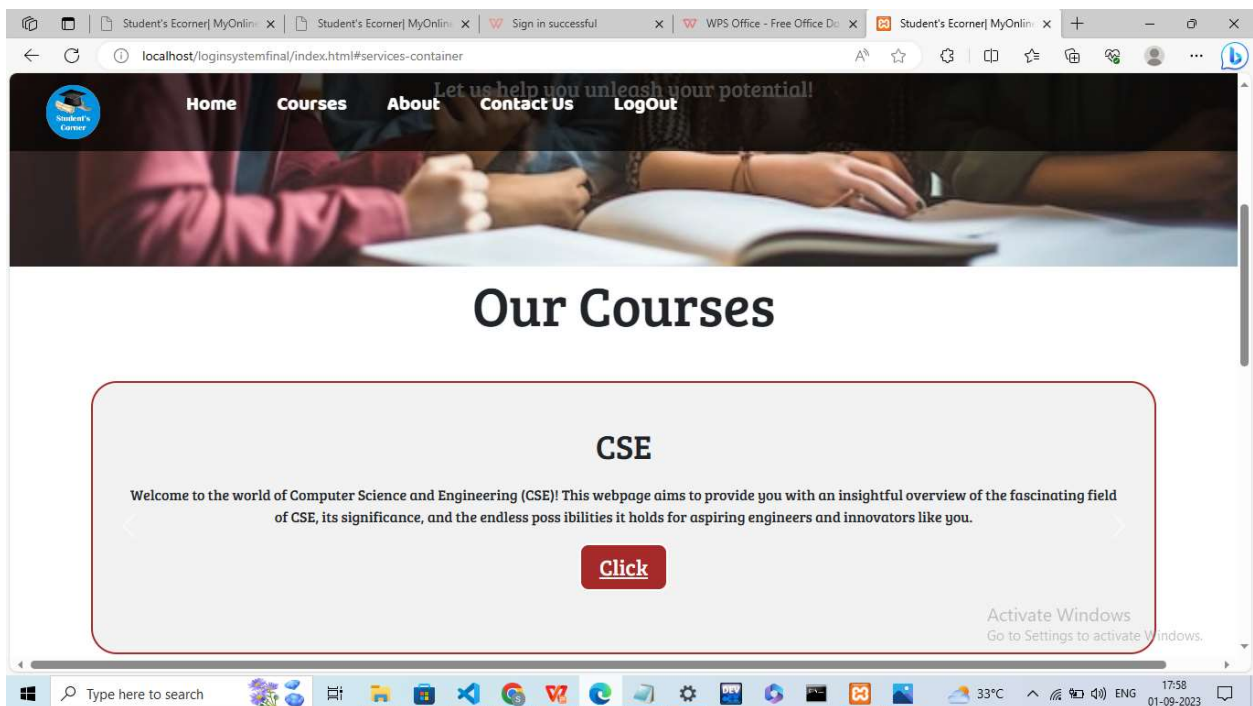


The screenshot shows a web browser window with the address bar displaying `localhost/loginsystemanjan/login.php`. The page has a light blue background. In the center, there is a white box titled "Login to our website". Inside this box, there are two input fields labeled "Username" and "Password". At the bottom left of the white box is a blue button labeled "Login". The Windows taskbar is visible at the bottom, showing the search bar, task view button, and several application icons. The system tray on the right shows the temperature as 33°C, the date as 01-09-2023, and the time as 17:34.

3.Student Interface



4.Courses



5.CSE PORTAL

The screenshot displays the 'Student's E-Corner' CSE portal. The left sidebar contains navigation links: HOME, Courses, About, and Contact Us. The main content area is divided into sections for First Year and Second Year courses. Each section lists subject codes, subjects, PDF download links, and YouTube playlist links.

First Year- SEM-1			
Subject Code	Subject	PDF	Playlist
CS101	problem Solving	download	Youtube.com
CS102	Calculus	download	Youtube.com
CS103	Chemistry-I	download	Youtube.com
CS104	Linear Algebra	download	Youtube.com
CS105	Indin Constitution	download	Youtube.com

First Year- SEM-2			
Subject Code	Subject	PDF	Playlist
CS101	IT Workshop	download	Youtube.com
CS102	Vector Calculus	download	Youtube.com
CS103	English	download	Youtube.com
CS104	Engineering Graphics	download	Youtube.com
CS105	Physics	download	Youtube.com

Second Year- SEM-1			
Subject Code	Subject	PDF	Playlist
CS101	DSA	download	Youtube.com
CS102	PS	download	Youtube.com
CS103	AEC	download	Youtube.com
CS104	DEC	download	Youtube.com
CS105	DM	download	Youtube.com

6.Admin Interface

The screenshot shows the 'Admin Interface' of the 'Student's E-Corner' portal. The top navigation bar includes links for Home, Courses, and Queries. The main content area features a large banner image of four students studying together, with the text 'Welcome to Student's E-Corner' and a motivational message: 'At the Student's E-Corner, We believe that every Student has the potential to shine and make a positive impact on the world. Let us help you unleash your potential!'. An 'Activate Windows' watermark is visible in the bottom right corner.

7. Courses In Admin Interface

Our Courses

CSE

Welcome to the world of Computer Science and Engineering (CSE)! This webpage aims to provide you with an insightful overview of the fascinating field of CSE, its significance, and the endless possibilities it holds for aspiring engineers and innovators like you.

[Click](#)

ECE

Welcome to the world of Electronics and Communication Engineering (ECE)! This webpage aims to provide you with an engaging overview of the exciting field of ECE, its significance, and the limitless opportunities it offers for aspiring engineers and technology enthusiasts like you.

[Click](#)

EEE

Welcome to the captivating world of Electrical and Electronics Engineering (EEE)! This webpage aims to provide you with an enlightening overview of the field of EEE, its significance, and the remarkable opportunities it offers to aspiring engineers and innovators like yourself.

[Click](#)

Activate Windows
Go to Settings to activate Windows.

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8. CSE PORTAL

First Year

First Year- SEM-1

Subject Code	Subject	PDF	Playlist
1	Maths-1	Choose File No file chosen Submit	Youtube.com
2	Calculus	Choose File No file chosen Submit	Youtube.com
3	Chemistry	Choose File No file chosen Submit	Youtube.com
4	Linear Algebra	Choose File No file chosen Submit	Youtube.com

First Year- SEM-2

Subject Code	Subject	PDF	Playlist
1	IT Workshop	Choose File No file chosen Submit	Youtube.com
2	Vector Calculus	Choose File No file chosen Submit	Youtube.com
3	English	Choose File No file chosen Submit	Youtube.com
4	Engineering Graphics	Choose File No file chosen Submit	Youtube.com

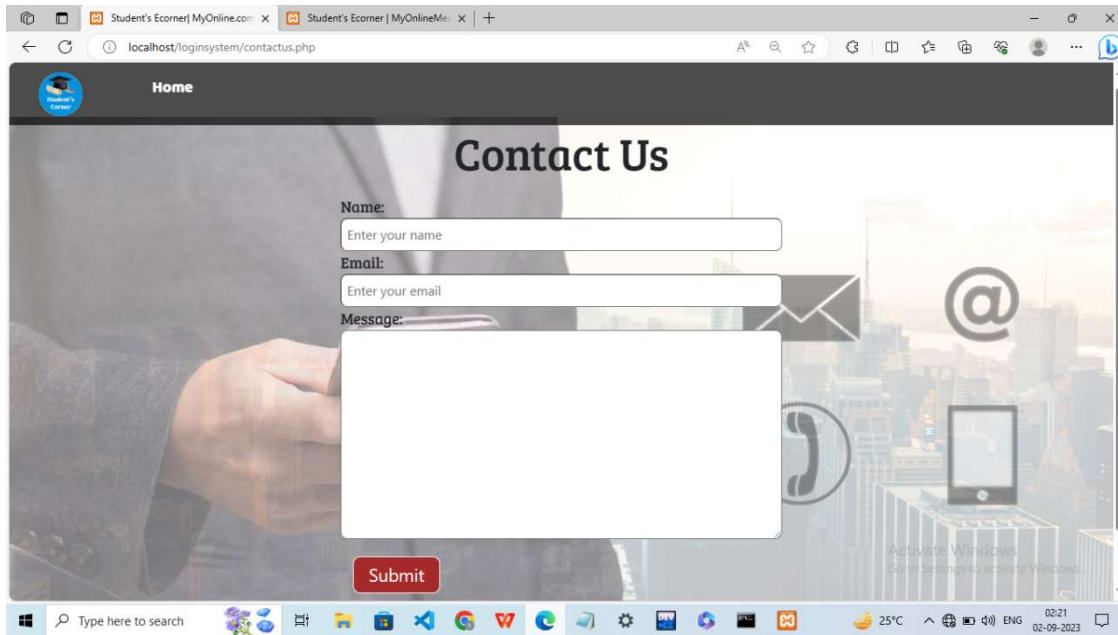
► Second Year

► Third Year

► Fourth Year

Activate Windows
Go to Settings to activate Windows.

9.Query Section



Home

Contact Us

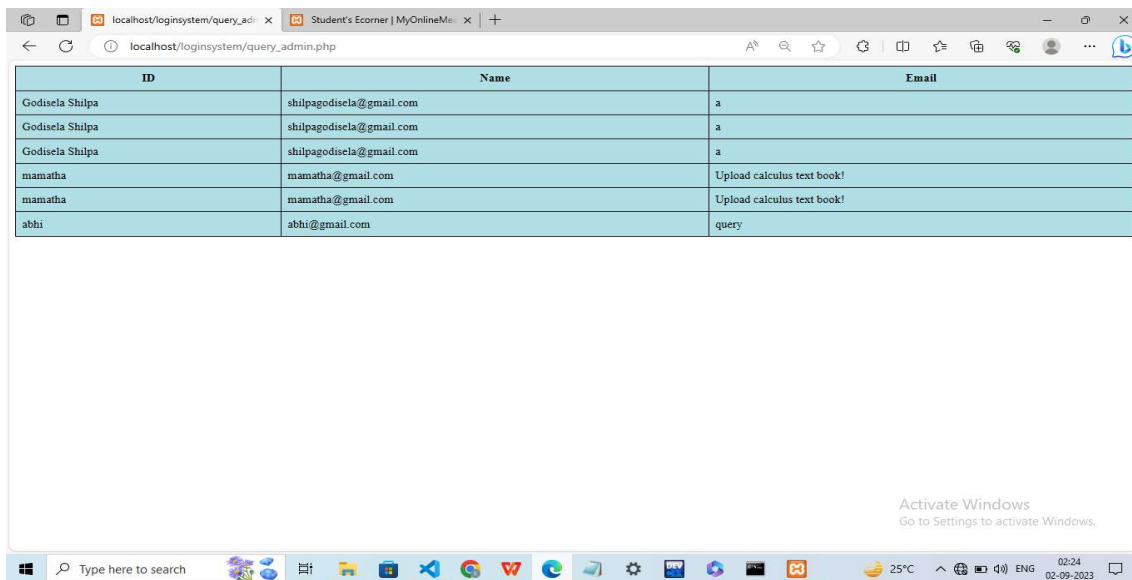
Name:

Email:

Message:

Submit

10.Queries



ID	Name	Email
Godisela Shilpa	shilpagodisela@gmail.com	a
Godisela Shilpa	shilpagodisela@gmail.com	a
Godisela Shilpa	shilpagodisela@gmail.com	a
mamatha	mamatha@gmail.com	Upload calculus text book!
mamatha	mamatha@gmail.com	Upload calculus text book!
abhi	abhi@gmail.com	query

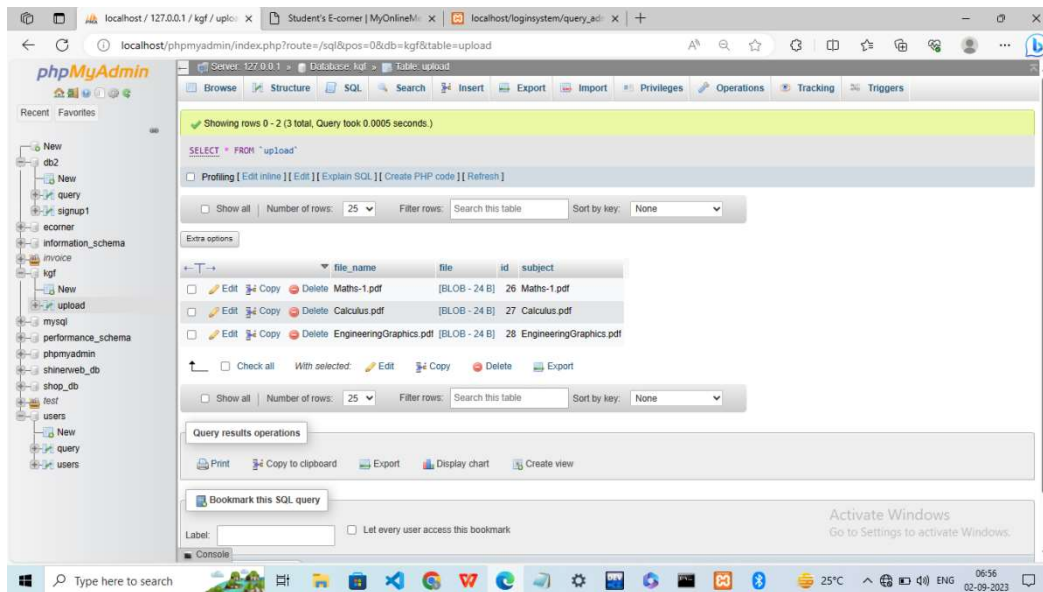
11.DataBases

The screenshot shows the phpMyAdmin interface with the 'query' table selected. The table contains 6 rows of data. The query executed is `SELECT * FROM 'query'`. The interface includes a sidebar with a database tree, a top navigation bar, and a bottom status bar.

name	email	queries
Godisela Shilpa	shilpagodisela@gmail.com	a
Godisela Shilpa	shilpagodisela@gmail.com	a
Godisela Shilpa	shilpagodisela@gmail.com	a
mamatha	mamatha@gmail.com	Upload calculus text book!
mamatha	mamatha@gmail.com	Upload calculus text book!
abhi	abhi@gmail.com	query

The screenshot shows the phpMyAdmin interface with the 'query' table selected. The 'Bookmark this SQL query' dialog is open, allowing the user to save the current query. The dialog includes a label field, a checkbox for 'Let every user access this bookmark', and a 'Bookmark this SQL query' button.

name	email	queries
Godisela Shilpa	shilpagodisela@gmail.com	a
Godisela Shilpa	shilpagodisela@gmail.com	a
Godisela Shilpa	shilpagodisela@gmail.com	a
mamatha	mamatha@gmail.com	Upload calculus text book!
mamatha	mamatha@gmail.com	Upload calculus text book!
abhi	abhi@gmail.com	query
sri	sri@gmail.com	query!



CONCLUSION:

In conclusion, the Student E-Corner Website serves as a valuable resource for students, offering a wide range of educational materials to enhance their learning experience. This platform provides an organized way of accessing the resources and is designed to empower students on their educational journey.

During this project, we learnt more about backend such as PHP and configuring the database with the application.

This can be enhanced in the future by creating a discussion forum among the users so that they can share their respective thoughts and post their answers.