INFORMATION TECHNOLOGY DEPARTMENT

XAVIER INSTITUTE OF ENGINEERING

UNIVERSITY OF MUMBAI

2021 – 2022

XAVIER INSTITUTE OF ENGINEERING
MAHIM CAUSEWAY, MAHIM, MUMBAI - 400016.

COLLEGE SPACE

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS OF THE DEGREE OF

BACHELOR OF ENGINEERING

IN

INFORMATION TECHNOLOGY

BY

UTTAM PANDEY

SANDEEP SAHANI

DHRUYASH MAHALE

UNDER THE GUIDANCE OF

PROF. MARTINA D'SOUZA

(Department of Information Technology)

CERTIFICATE

This to certify that

1. UTTAM PANDEY (201903034)
2. SANDEEP SAHANI (201903040)
3. DHRUYASH MAHALE (201903058)

Have satisfactorily carried out the MINI-PROJECT work titled "**COLLEGE SPACE**" in partial fulfillment of the degree of Bachelor of Engineering as laid down by the University of Mumbai during the academic year 2020-2021.

Prof. Martina D'souza
Internal Examiner **External Examiner**

Date: 18-10-2021
Place: MAHIM, MUMBAI

DECLARATION

I declare that this written submission represents my ideas in my own words and where others' Ideas or words have been included, I have adequately cited and referenced the original sources.

I also declare that I have adhered to all the principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission.

I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which thus have not been properly cited or from whom proper permission have not been taken when needed.

Uttam pandey (201903034) ----------

Sandeep Sahani (201903040) ----------

Dhruyash Mahale (201903058) ----------

Date:18-10-2021

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Acknowledgement

We would like to thank Fr. Dr. John Rose S.J (Director of XIE) for providing us with such an environment so as to achieve goals of our project and supporting us constantly.

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We would like to place on record our deep sense of gratitude to Prof.ChhayaNarvekar,Head of Dept Of Information Technology, Xavier Institute of Engineering, Mahim, Mumbai, for her generous guidance help and useful suggestions.

With deep sense of gratitude we acknowledge the guidance of our project guide Prof Martina D'souza. The time-to-time assistance and encouragement by her has played an important role in the development of our project.

We would also like to thank our entire Information Technology staff who have willingly cooperated with us in resolving our queries and providing us all the required facilities on time.

Uttam pandey ----------

Sandeep Sahani ----------

Dhruyash Mahale ----------

Here Attach the New LO

Following is the old LO

Course Code	Course Name	Examination Scheme							
		Internal Assessment			End Sem Exam	Term Work	Oral & Practical	Oral	Total
		Test 1	Test 2	Avg					
ITL501	Internet Programming Lab	-	-	-	-	25	25	-	50

Term Work (25) = Miniproject(15) + Assignment(05) + Attendance(05)

Bloom's Taxonomy Level (BTL):

1: ***Knowledge*** **2:** ***Understand*** **3:** ***Apply*** **4:** ***Analyse*** **5:** ***Evaluate*** **6:** ***Create***

Lab Outcome: Students will be able to :

1	Design a basic website using HTML5 and CSS3 to demonstrate responsive web design and implement dynamic web pages with validation using JavaScript objects by applying different event handling mechanism.	BTL: 6
2	Use AJAX Programming Technique to develop RIA	BTL: 3
3	Develop simple web application using server side PHP programming and Database Connectivity using MySQL.	BTL:6
4	Construct/Build well-formed XML Document and implement Web Service using Java.	BTL:6
5	Describe/Demonstrate simple web application using Python Django Framework.	BTL:1,2

1. INTRODUCTION:

This section is written to provide general information about our product “College Space”. The main objective of our product is to maintain information about students and the data they consume on daily basis for their college work. The information is stored on the website is for student and for the teacher’s were they can share their study material through this platform on the Internet.

1.1 Need for developing the website.

The purpose of this document is to build an online website to ease the process of finding study materail’s.

1.2 Problem Definition Aims and Objectives

1.3 Scope of the project

The scope of our project **College Space** is where students can get the reference books, various **notebooks**, Quiz references and student will Also will notify with latest **Announcements.**

1.4 Features of the project

- The website is responsive, platform independent and user friendly keeping in mind the user classes the design is laid out for.

- This product is usefull for the student to get all the information from one website such that they can get notebook for reference question paper and many more things.

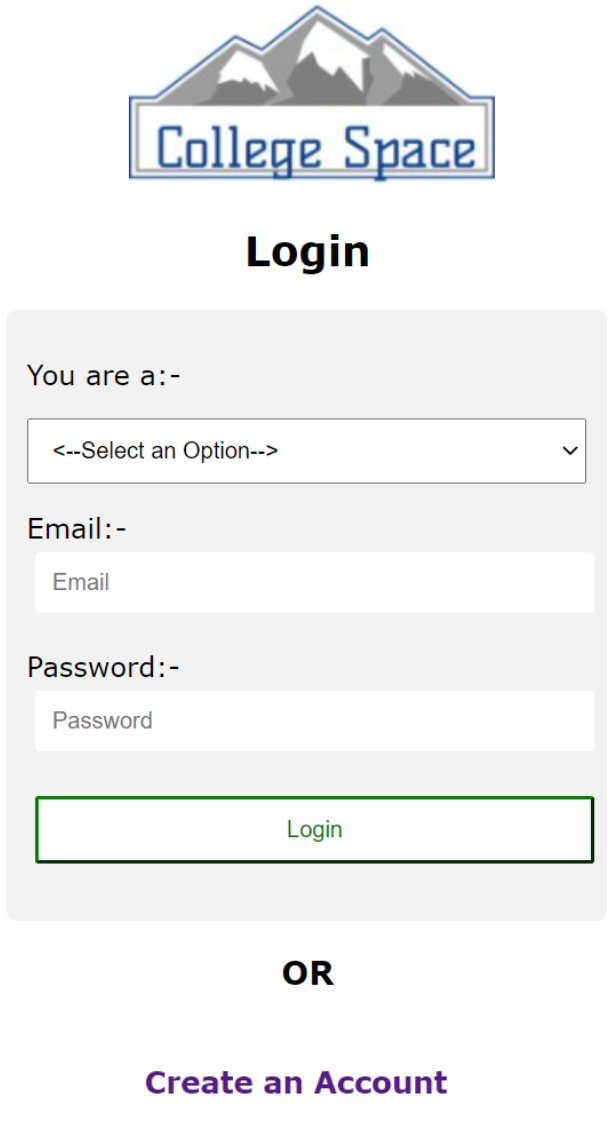
1.5 Constraints on Project

The design time constraints are:

- The software package should be designed so as to handle the access by Admin Only.
- This software is currently in under process.

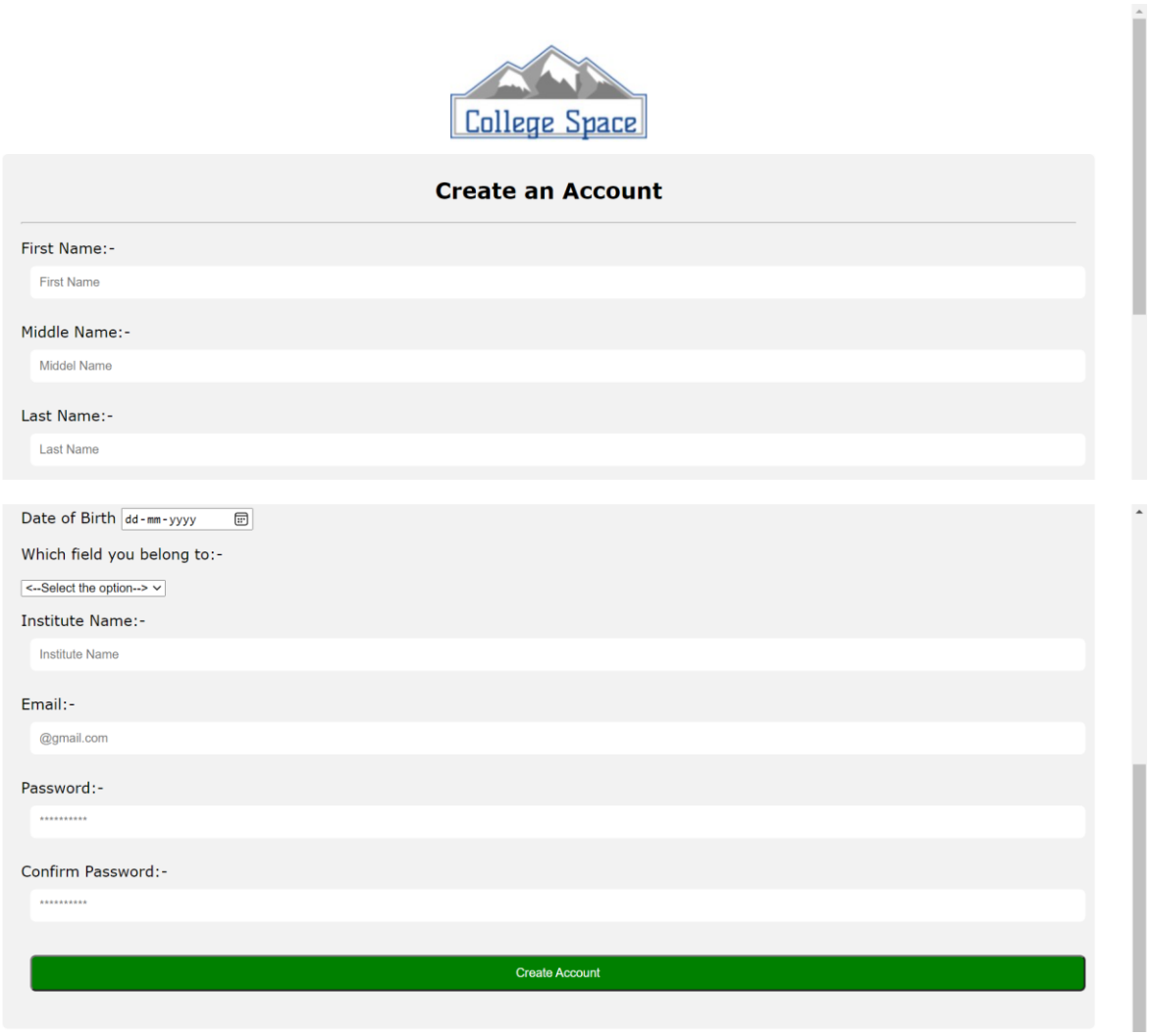
1.6 GUI of Webpage

Login Page: A login page is a web page or an entry page to a website that requires user identification and authentication, regularly performed by entering a username and password combination. Logins may provide access to an entire site or part of a website. Some websites use cookies to track users during their logged in sessions.



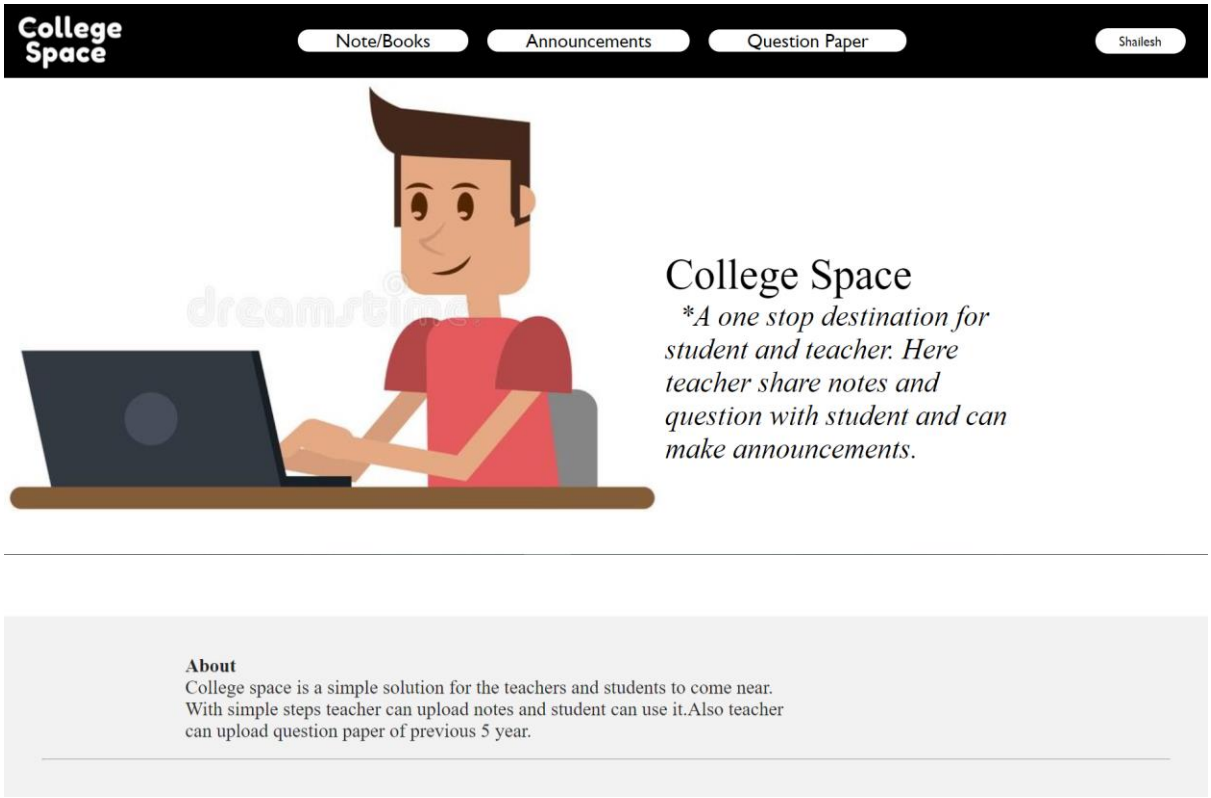
Fig(1) Login Page

SignUp Page: A signup page (also known as a registration page) enables users and organizations to independently register and gain access to your system. It is common to have multiple signup pages depending on the types of people and organizations you want to register.



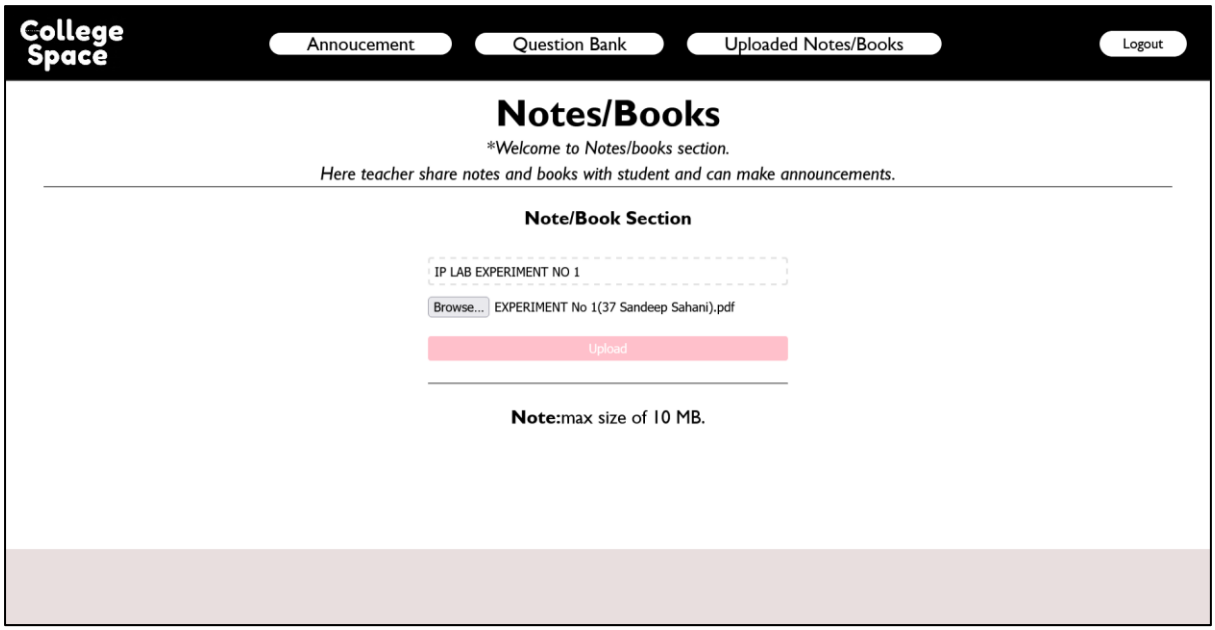
Fig(2) SignUp Page

Main Page: The page typically encountered first on a website that usually contains links to the other pages of the site



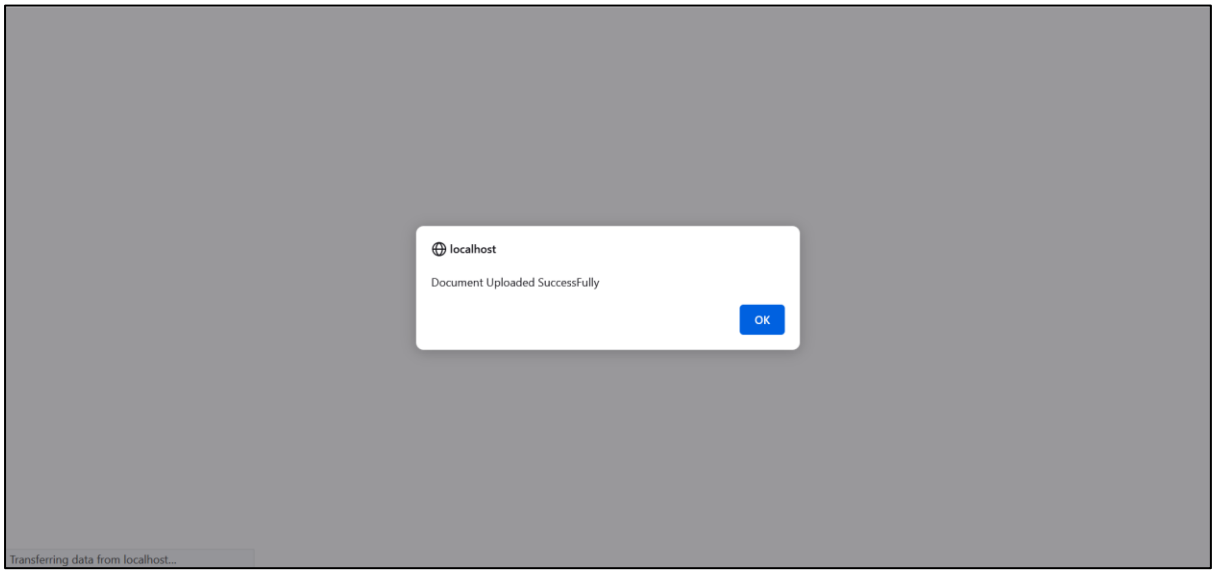
Fig(3) Main Page

Upload Notes/Books:



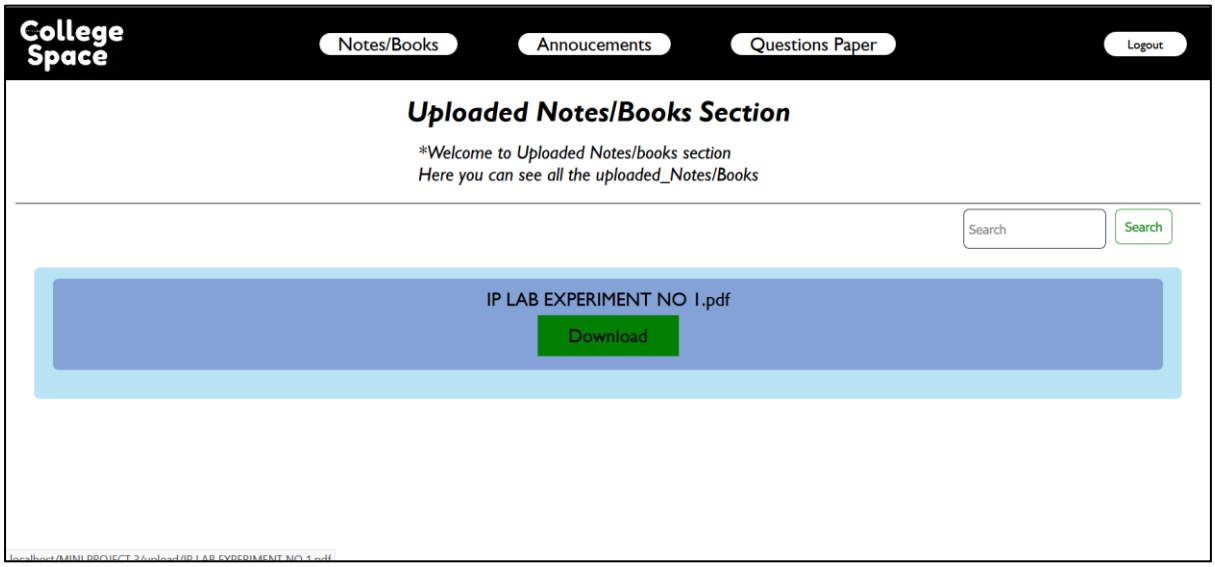
Fig(4) Upload Notes/Books

Notification for document uploaded SuccessFully :



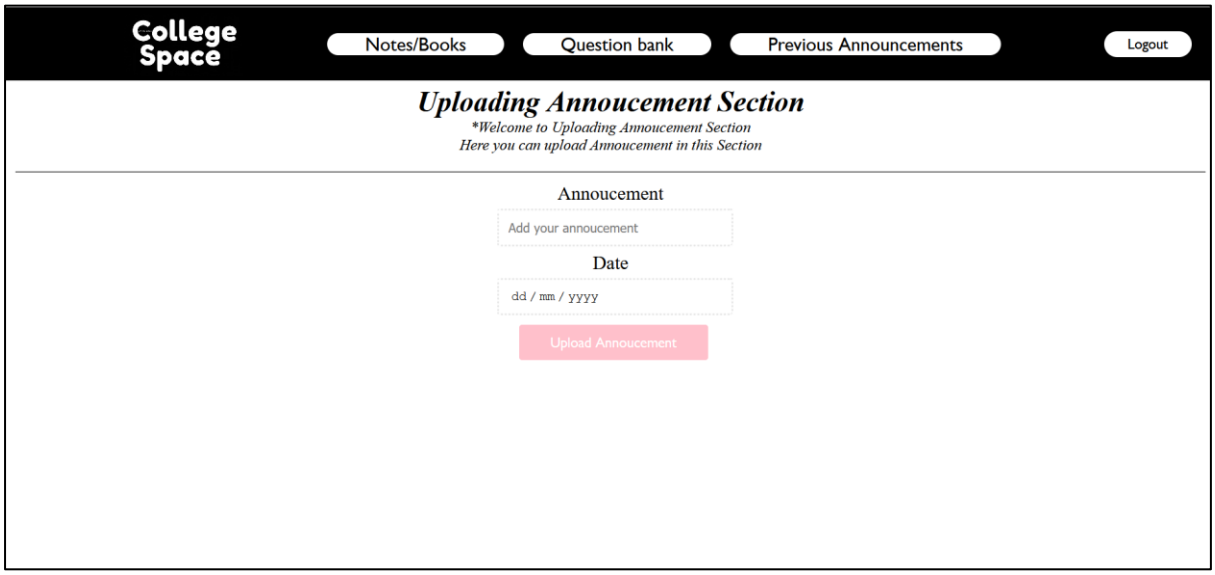
Fig(5) Echo document uploaded SuccessFully

Uploaded Notes/Books:



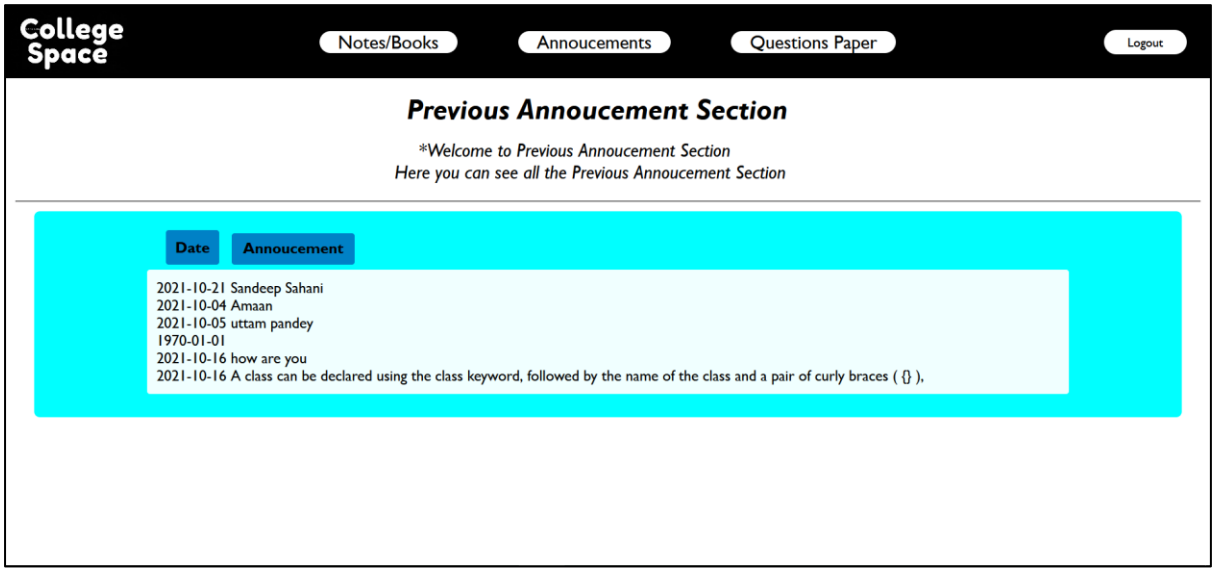
Fig(6) Uploaded Notes/Book

Announcement:



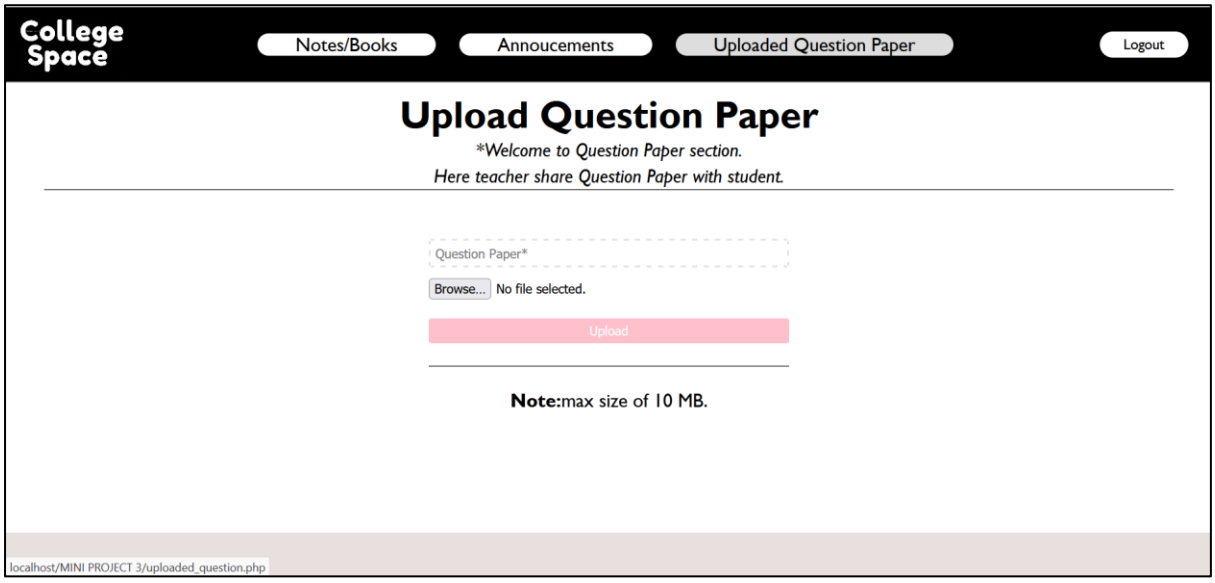
Fig(7) Uploading Annoucement

Previous Annoucement:



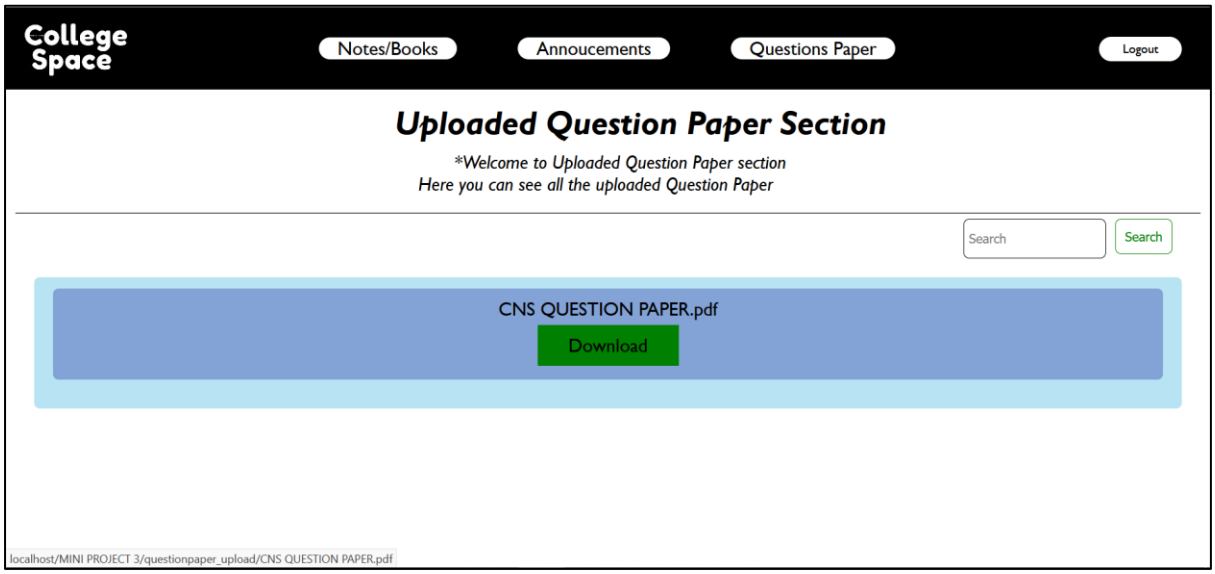
Fig(8) Uploaded Annoucement

Upload Question Paper:



Fig(9) Uploading Question Paper

Uploaded Question Paper:



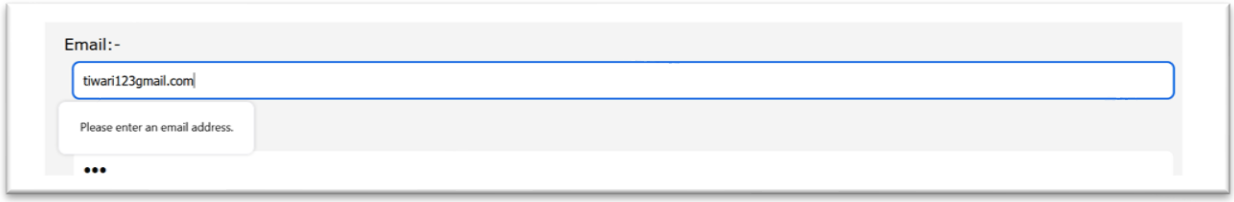
Fig(10) Uploaded Question Paper

Test Cases/ Validation : You can refer to these test cases while creating test cases for login page of your application under test.

As we know that the focus here is to cover the different features to be tested instead of the creation of formal test cases, so basically we will be presenting test scenarios here. If you want to know the exact difference between test cases and test scenarios,

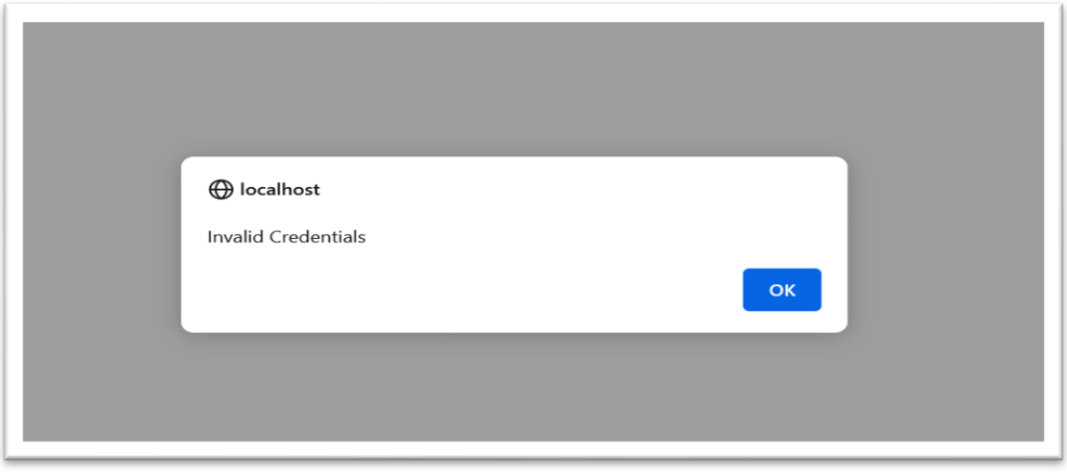
1.6.1

When Email ID is not proper:



Fig(11) Validation Email ID

When Login Detail is not correct:

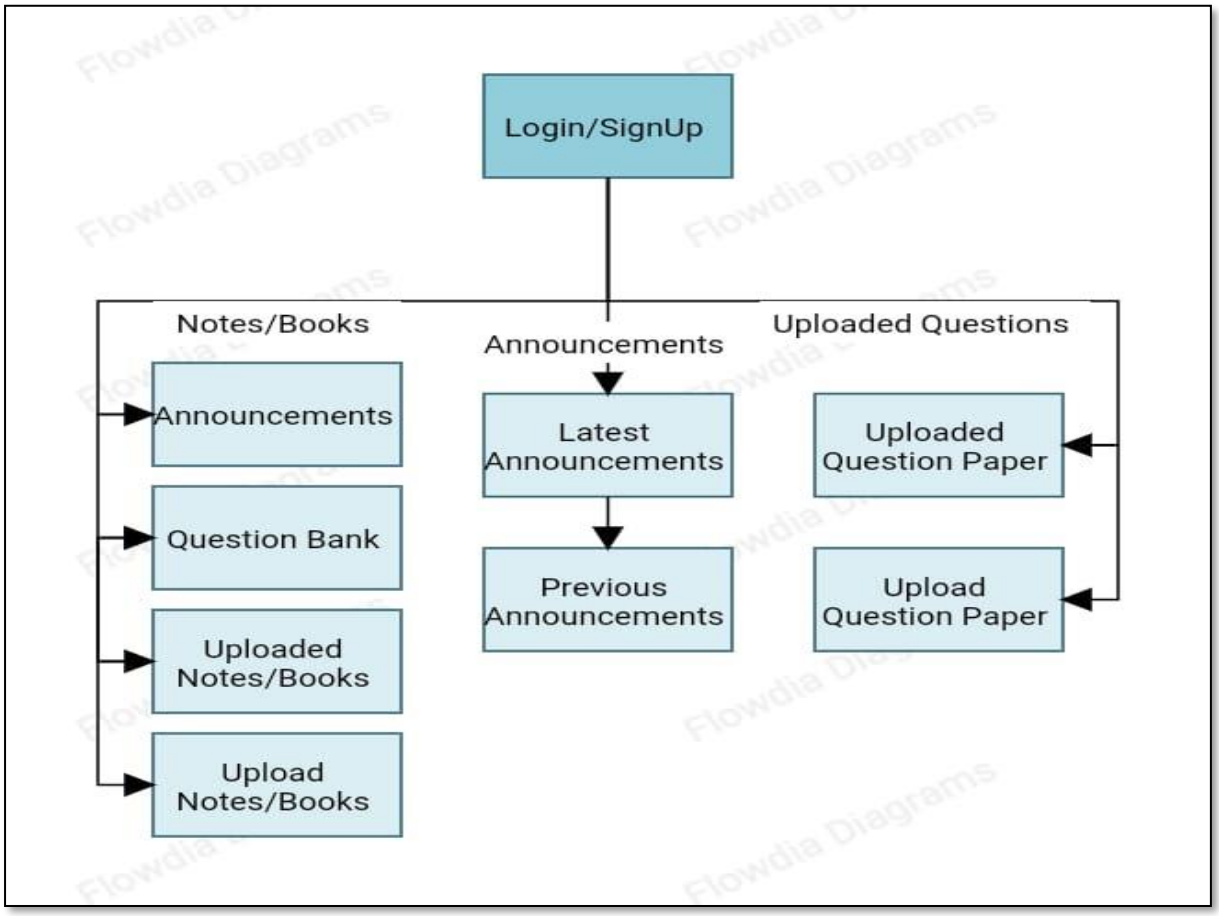


Fig(12) Validation of ID Password

2. Implementation Methodology

2.1 Design : Software design is the process of envisioning and defining software solutions to one or more sets of problems. One of the main components of software design is the software requirements analysis.

2.1.1.Block diagram, / Flowchart of proposed system : A block diagram is a diagram of a system in which the principal parts or functions are represented by blocks connected by lines that show the relationships of the blocks. They are heavily used in engineering in hardware design, electronic design, software design, and process flow diagrams.



Fig(13) Flow Chart

2.2 Hardware, Software Requirements.

Hardware Interface:

- Since the application must run over the internet, all the hardware shall require to connect internet will be hardware interface for the system. As for e.g., Modem, WAN — LAN, Ethernet Cross-Cable.

Software Interface:

Front end:

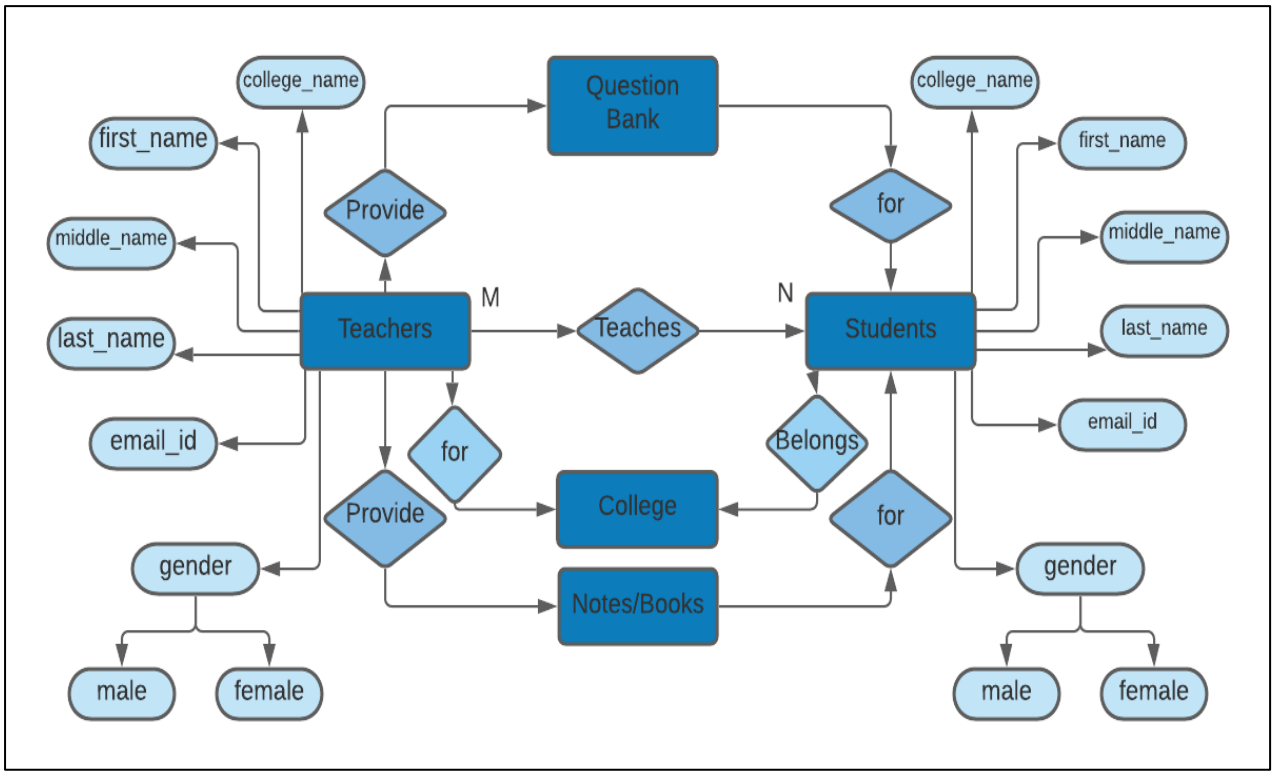
Layout	HTML5
Designing	CSS3
Scripting Language	JavaScript

Back end: PhpMyAdmin

Storage	phpMyAdmin

(1) Software Interface

2.3 ER Diagram for the website: ER Model is used to model the logical view of the system from data perspective which consists of these components.



Fig(14) ER Diagram

2.4 Database Connectivity : A database connection is a facility in computer science that allows client software to talk to database server software, whether on the same machine or not. A connection is required to send commands and receive answers, usually in the form of a result set.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	ID	int(50)			No	None		AUTO_INCREMENT	Change Drop More
2	Name	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
3	Middle Name	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
4	Last Name	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
5	DOB	date			No	None			Change Drop More
6	Field	enum('Teacher', 'Student')	latin1_swedish_ci		No	None			Change Drop More
7	Institute Name	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
8	Email	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
9	Password	varchar(20)	latin1_swedish_ci		No	None			Change Drop More

Fig(15) Database Connectivity

2.5 Code: Code, in a general sense, is the language understood by the computer. Computers don't understand natural language. As such the human language has to be converted into a set of "words" that are understood by the computer.

main.php

```
<?php
session_start();
if (!isset( $_SESSION['authorized-user']))
    {
    header('Location: /MINI PROJECT 3/Login_Page.html');
    exit();
    }
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>COLLEGE SPACE.com</title>
    <link rel="stylesheet" href="mini_project.css">
</head>
<body>
   <header>
       <img src="image/college.gif" alt="" height="10%" width="10%">
       <nav>
           <ul class="nav_links">
               <li><a href="Note_Books.html" class="anker">Note/Books</a>
                <li><a href="Annocement_page.html"
class="anker">Announcements</a>
                <li><a href="Question_Paper.html" class="anker">Question
Paper</a></li>
               </li>
           </ul>
       </nav>

        <a href="logout.php" class="cta" ><button><?php echo
$_SESSION['name'];?></button></a>

   </header>
   <nav>
       <img src="image/s.jpg" alt="" class="imag" align="left" height="600">
   </nav>
   <div>
       <h2>College Space</h2> 
       <em>*A one stop destination for student and teacher.</em>
```

```
      <em>Here teacher share notes and question with student and can make
announcements.</em>
   </div>
   <footer>
       <h4 class="last">About</h4>
      <p class="last">College space is a simple solution for the teachers and
students to come near.</p>
      <p class="last">With simple steps teacher can upload notes and student
can use it.Also teacher</p>
      <p class="last">can upload question paper of previous 5 year.</p> 
      <hr>
    </footer>
</body>
</html>
```

2.7 Steps to Launch the website on Internet.

- Step #1: Create an account to get started
- Step #2: Choose the category of your website
- Step #3: Pick a name for your website
- Step #4: Start editing and customizing your site
- Step #5: Optimize your website for SEO
- Step #6: Preview and publish your website
- Step #7: Upgrade to connect a custom domain

3. REFERENCES

[1] College Space: https://collegespace.netlify.app/

[2] Stackoverflow