

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
**“Jnana Sangama”, Belgaum -590014, Karnataka.**



**PROJECT WORK-2 REPORT**  
**On**

**“STUDENT DETAILS PORTAL”**

*Submitted by*

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*Under the Guidance of*  
**DR. PALLAVI G B**

*in partial fulfilment for the award of the degree of*  
**BACHELOR OF ENGINEERING**  
*in*  
**COMPUTER SCIENCE AND ENGINEERING**



**B.M.S. COLLEGE OF ENGINEERING**

**(Autonomous Institution under VTU)**

**BENGALURU-560019 JUNE 2021**

**B. M. S. College of Engineering,  
Bull Temple Road, Bangalore 560019**  
(Affiliated to Visvesvaraya Technological University, Belgaum)  
**Department of Computer Science and Engineering**



**CERTIFICATE**

This is to certify that the project work entitled **“STUDENT DETAILS PORTAL”** carried out by **NIKHIL S N(1BM19CS102), NITISH KUMAR M(1BM19CS107), P PREM SAI(1BM19CS109), HARSHA V N(1BM20CS406)** who are bonafide students of **B. M. S. College of Engineering**. It is in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visveswararajah Technological University, Belgaum during the year 2021. The project report has been approved as it satisfies the academic requirements in respect of **PROJECT WORK-2(19CS4PWPW2)** work prescribed for the said degree.

Signature of the Guide

**Dr.PALLAVI G B.**

Assistant Professor  
BMSCE, Bengaluru

Signature of the HOD

Dr. Umadevi V.

Prof & Head of Dept of CSE  
BMSCE, Bengaluru

External Viva

Name of the Examiner

Signature with date

**B.M.S. COLLEGE OF ENGINEERING**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**DECLARATION**

We, **NIKHIL S N(1BM19CS102), NITISH KUMAR M(1BM19CS107), P PREM SAI(1BM19CS109), HARSHA V N(1BM20CS406)** students of 4th Semester, B.E, Department of Computer Science and Engineering, BMS College of Engineering, Bangalore, hereby declare that, this Project Work-2 entitled "**STUDENT DETAILS PORTAL**" has been carried out by us under the guidance of **DR.PALLAVI G B, Assistant Professor**, Department of CSE, BMS College of Engineering, Bangalore during the academic semester February-June 2021.

We also declare that to the best of our knowledge and belief, the development reported here is not from part of any other report by any other students.

Signature

**NIKHIL S N (1BM19CS102)**  
**NITISH KUMAR M(1BM19CS107)**  
**P PREM SAI(1BM19CS109)**  
**HARSHA V N(1BM20CS406)**

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# INTRODUCTION

## 1.1 Overview

This project is done with the html, css , javascript and bootstrap for the frontend design and we used nodejs and mysql for backend.

This project helps us to collect student details who are already registered through any mode of admissions like kcet , comedk or management. In recent years, Because of the pandemic like covid-19 our form is helpful for collecting students' detail from their home only. student can easily fill this form and this form is also helpful for college admission team to easily get the students who are registered and their details can be viewed and updated.

## 1.2 Motivation

We have created this form especially for the students who are facing the problem to visit the college to get the admission and to provide their details to the college. We are motivated to do this because now the situation is too bad and critical as we are facing covid-19 pandemic.

This covid-19 disease is Affecting and causing huge negative impact on the educational institutions and also on the students and has become a hurdle for the growth of the learning field. because of this pandemic, new students who are about to join the college are not able to visit the college. Our form helps these students to fill their details such as academic, personal and also family details which can be viewed and stored by the college for further use.

# SOFTWARE REQUIREMENTS

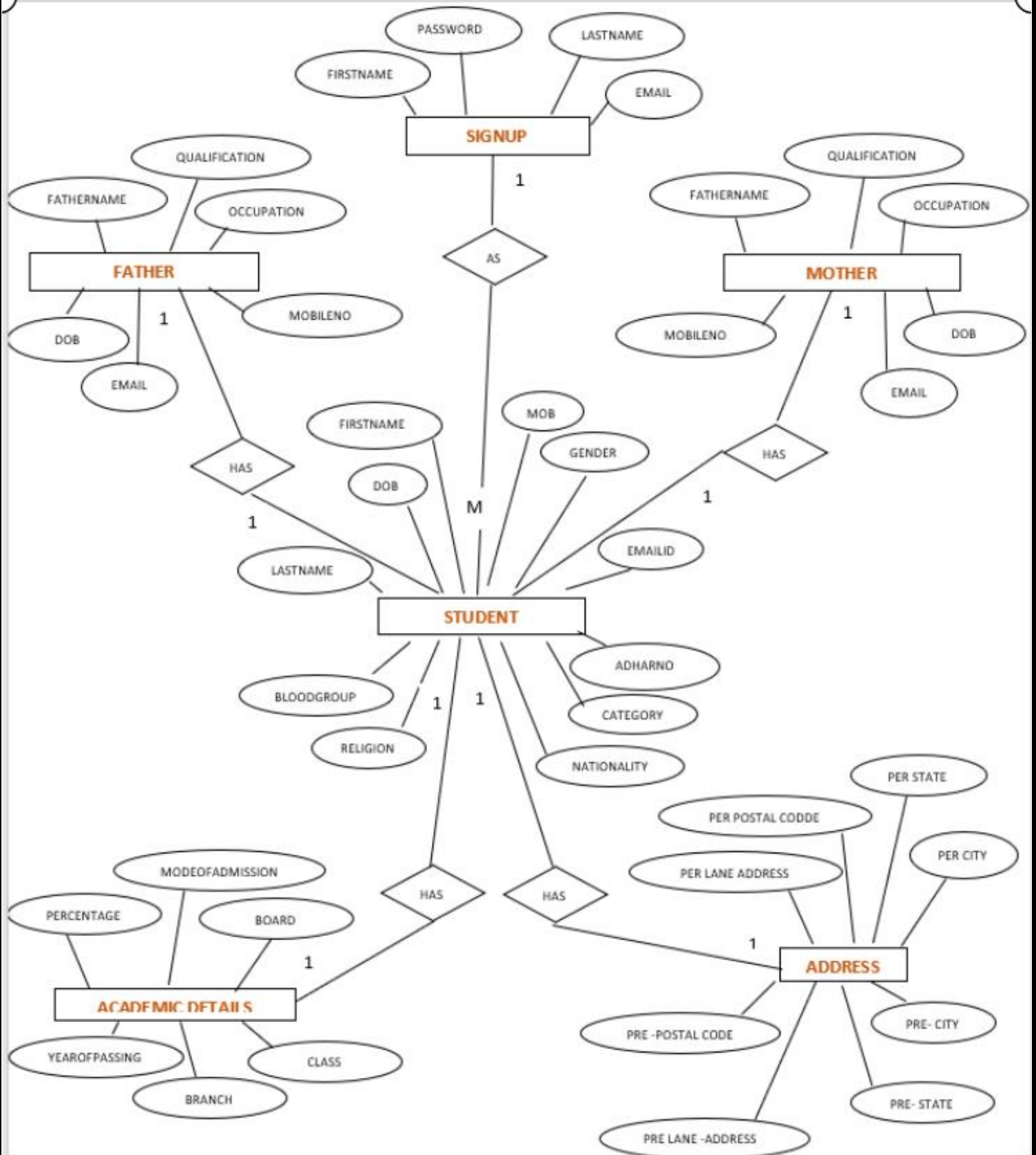
## 2.1 Hardware Requirements:

- A PC with the following or greater specifications:
  - Intel Core i3 or higher
  - 4 GB RAM
  - 128 GB Hard Drive and higher
- A stable internet connection (2Mbps or higher)

## 2.2 Software Requirements:

- ∞ Operating system : Windows, Linux, MAC
- ∞ Front end technologies are : HTML, CSS, JAVASCRIPT ,BOOTSTRAP
- ∞ IDE : VS Code, ATOM
- ∞ Back end requirement : NODEJS, MYSQL
- ∞ Server : XAMPP server

### 3. ER DIAGRAM OF PROJECT



## 4. SCHEMA OF THE PROJECT

### STUDENT DETAILS TABLE

<u>SID</u>	FIRSTNAME	LASTNAME	DOB	GENDER	MOBILENO	EMAILID	BLOODGROUP	NATIONALITY	RELIGION	CATEGORY	ADHARCARDNO
------------	-----------	----------	-----	--------	----------	---------	------------	-------------	----------	----------	-------------

### ACADEMIC DETAILS

SID//	MODE OF ADMISSION	BRANCH	CLASS	BOARD	YEAR OF PASSING	PERCENTAGE
-------	-------------------	--------	-------	-------	-----------------	------------

### FATHER DETAILS

SID//	FATHER NAME	DOB	QUALIFICATION	OCCUPATION	MOBILENO	EMAIL
-------	-------------	-----	---------------	------------	----------	-------

### MOTHER DETAILS

SID//	MOTHER NAME	DOB	QUALIFICATION	OCCUPATION	MOBILENO	EMAIL
-------	-------------	-----	---------------	------------	----------	-------

### ADDRESS DETAILS

SID//	PER LINE ADDRESS	PER POSTAL CODE	PER CITY	PER STATE	PRE LANE- ADDRESS	PRE-POSTAL CODE	PRE-CITY	PRE-STATE
-------	------------------	-----------------	----------	-----------	-------------------	-----------------	----------	-----------

### SIGNUP

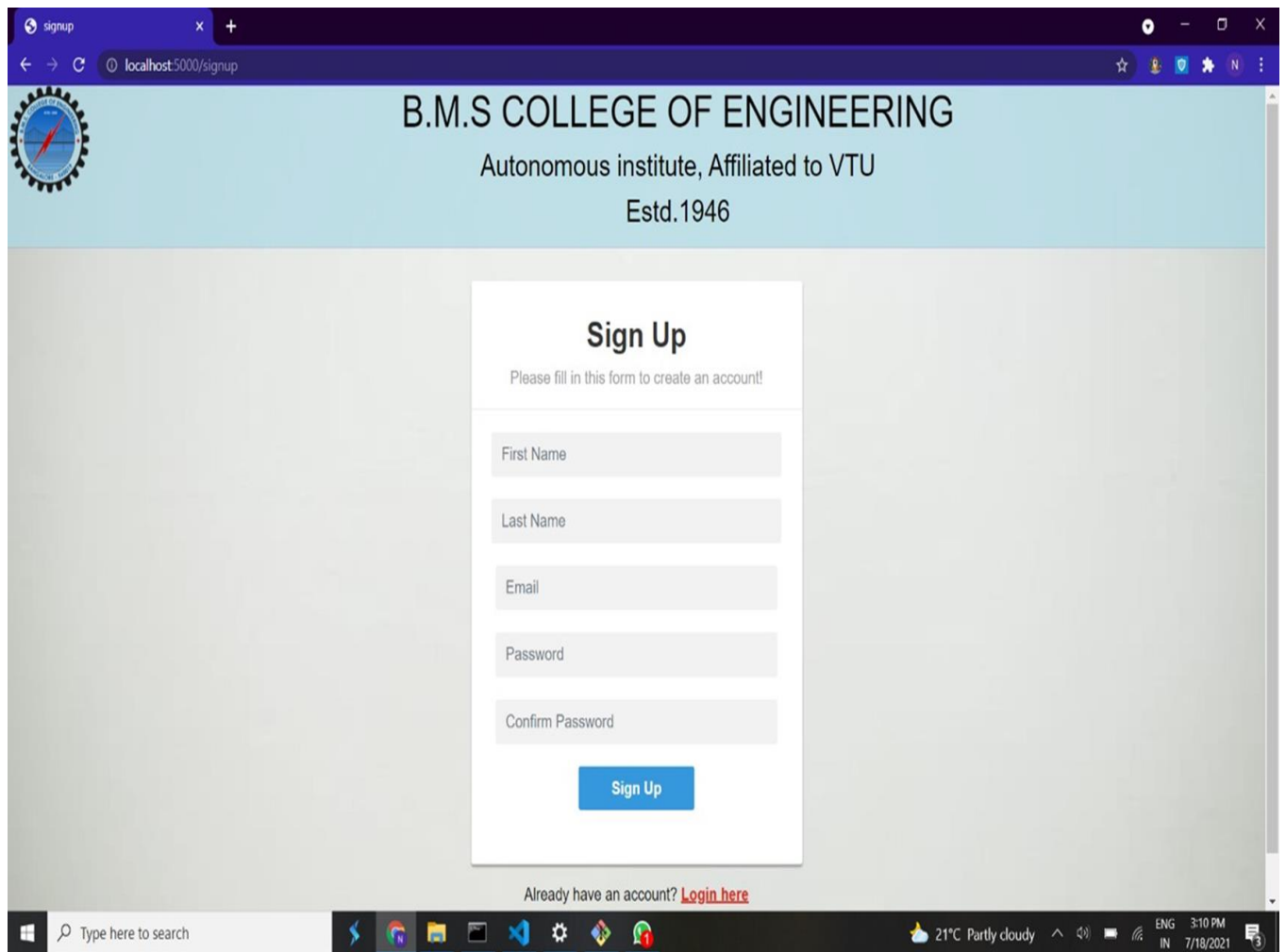
SID//	FIRSTNAME	LASTNAME	EMAIL	PASSWORD
-------	-----------	----------	-------	----------

       PRIMARY KEY      // FOREIGN KEY






## 1.SIGNUP:



The screenshot shows a web browser window with the address bar displaying 'localhost:5000/signup'. The page header features the B.M.S College of Engineering logo on the left and the text 'B.M.S COLLEGE OF ENGINEERING', 'Autonomous institute, Affiliated to VTU', and 'Estd.1946' on the right. The main content area contains a 'Sign Up' form with the following fields: First Name, Last Name, Email, Password, and Confirm Password. A blue 'Sign Up' button is located below the fields. At the bottom of the form, there is a link that says 'Already have an account? [Login here](#)'. The Windows taskbar is visible at the bottom of the screen, showing the search bar, taskbar icons, and system tray information including the date and time (3:10 PM, 7/18/2021).

signup

localhost:5000/signup

 **B.M.S COLLEGE OF ENGINEERING**  
Autonomous institute, Affiliated to VTU  
Estd.1946

**Sign Up**  
Please fill in this form to create an account!

First Name

Last Name

Email

Password

Confirm Password

[Sign Up](#)

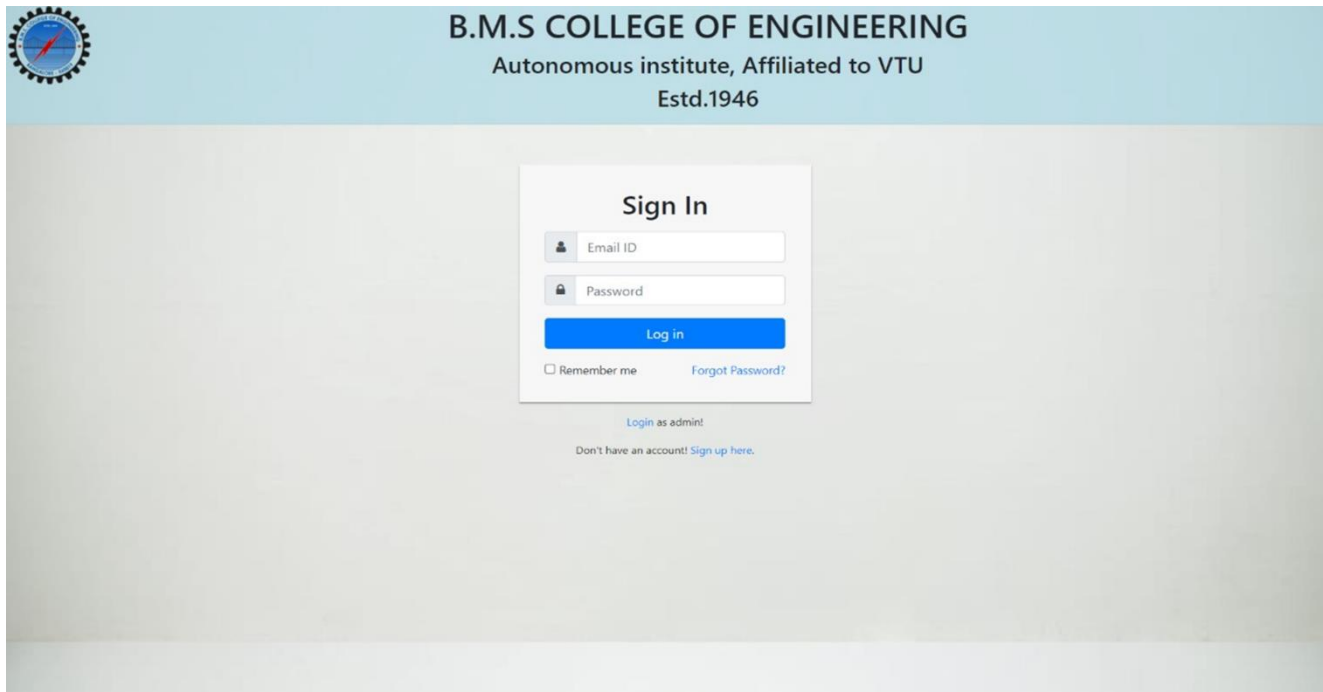
Already have an account? [Login here](#)

Type here to search

21°C Partly cloudy 3:10 PM 7/18/2021

Student signup page is the page where new student can signup by providing his first name, last name, email, password and confirm password. If the student has already an account, then they can directly login through login or sign in page.

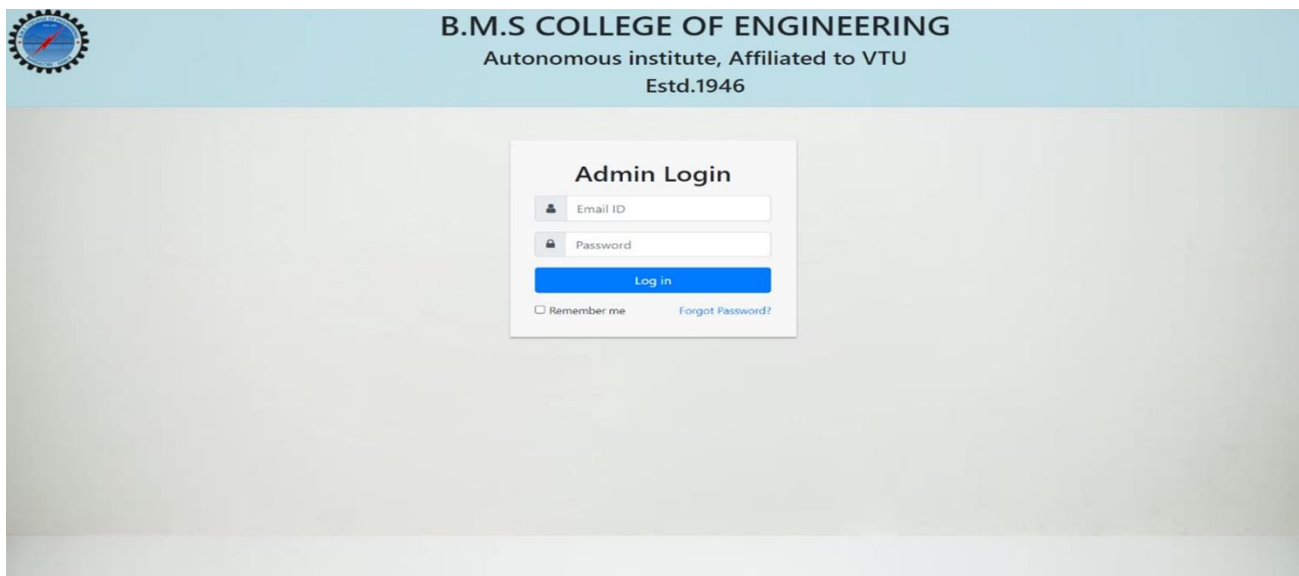
## 2.1-STUDENT SIGNIN PAGE:



The screenshot shows the 'Sign In' page for B.M.S College of Engineering. The header includes the college logo, name, affiliation (Autonomous institute, Affiliated to VTU), and establishment year (Estd.1946). The main content area features a 'Sign In' form with fields for 'Email ID' and 'Password', a 'Log in' button, and links for 'Remember me' and 'Forgot Password?'. Below the form, there are links for 'Login as admin!' and 'Don't have an account! Sign up here.'.

Student sign in page , In this page student can directly login by providing email id and password to login directly to the home page and here email is validated.

## 2.2-ADMIN LOGIN PAGE:



The screenshot shows the 'Admin Login' page for B.M.S College of Engineering. The header is identical to the student sign-in page, featuring the college logo, name, affiliation, and establishment year. The main content area features an 'Admin Login' form with fields for 'Email ID' and 'Password', a 'Log in' button, and links for 'Remember me' and 'Forgot Password?'. The layout and styling are consistent with the student sign-in page.

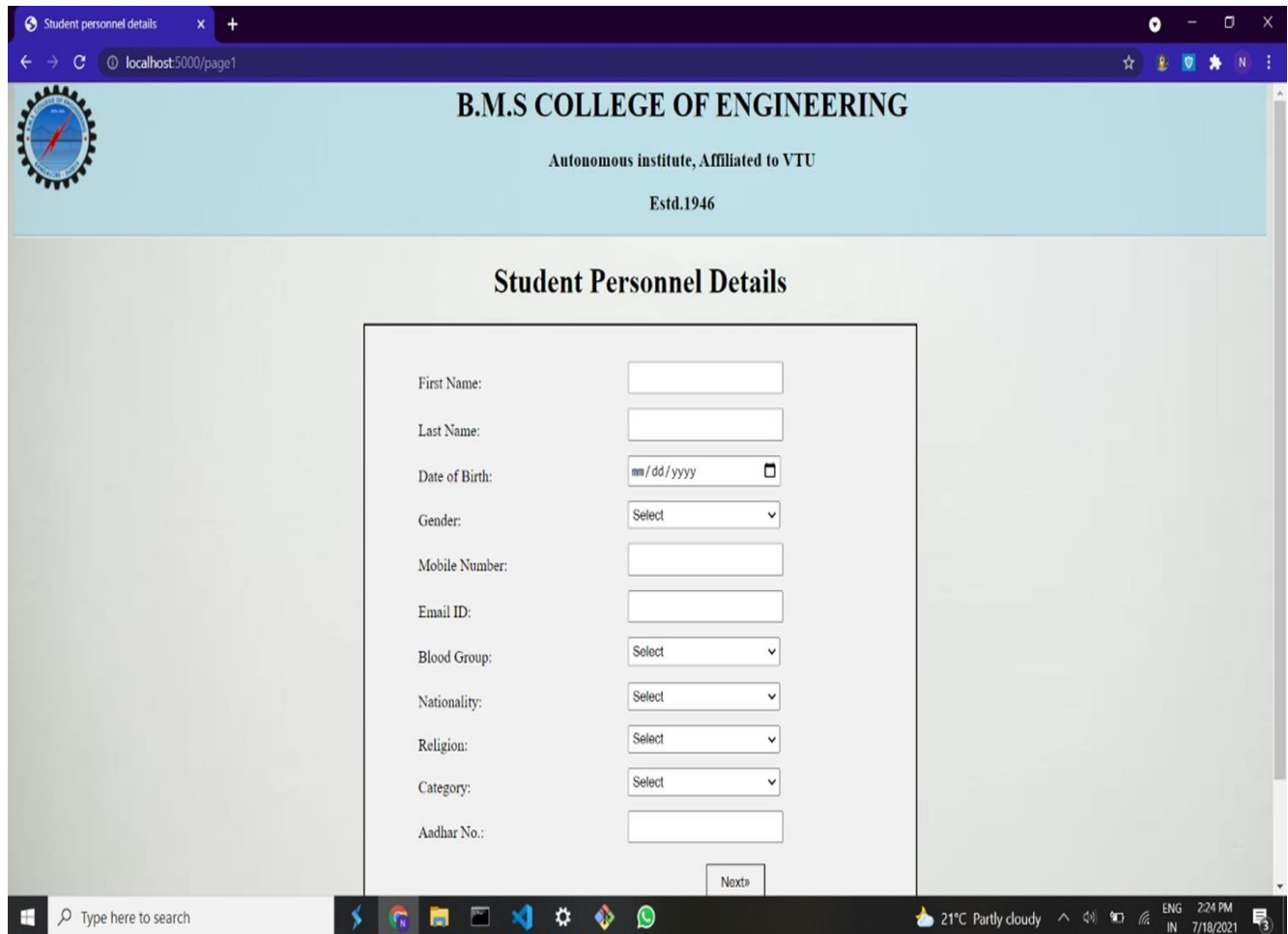
Admin login page where admin can enter to his home page by email id and password and here also email id is validated.

### 3.HOME PAGE-



Student home page where student can register for the admission to our college and student can also know more information about our college with this page.

#### 4.STUDENT PERSONAL DETAILS PAGE:



Student personnel details

localhost:5000/page1

**B.M.S COLLEGE OF ENGINEERING**


Autonomous institute, Affiliated to VTU

Estd.1946

**Student Personnel Details**

First Name:

Last Name:

Date of Birth:  

Gender:

Mobile Number:

Email ID:

Blood Group:

Nationality:

Religion:

Category:

Aadhar No.:

Next»

Student personal details page, we are collecting students personal details including his name, dob, gender, mobile number, email id , adhar no etc from the students.

## 5.STUDENT ACADEMIC DETAILS PAGE:

Academic details

localhost:5000/page2

**B.M.S COLLEGE OF ENGINEERING**  
Autonomous institute, Affiliated to VTU  
Estd.1946

**Student Academic Details**

Mode of Admission  
☐ CET ☐ COMEDK ☐ MANAGEMENT ☐ CET-SNQ

Branch:

**class 10th**

Board:

Year of passing

percentage obtained

**class 12th**

Board:

Year of passing

Type here to search

21°C Partly cloudy 2:25 PM 7/18/2021

Student academic details page is where we are collecting students academic related information including the mode of admission, class 10 and 12 details.



## 6.STUDENTS FAMILY DETAILS PAGE:

**B.M.S COLLEGE OF ENGINEERING**  
Autonomous institute, Affiliated to VTU  
Estd.1946

### Family particulars

Father		Mother	
Name	<input type="text"/>	Name	<input type="text"/>
Date of birth	<input type="text" value="mm/dd/yyyy"/>	Date of birth	<input type="text" value="mm/dd/yyyy"/>
Qualification	<input type="text" value="Select"/>	Qualification	<input type="text" value="Select"/>
Occupation	<input type="text" value="Select"/>	Occupation	<input type="text" value="Select"/>
Mobile no:	<input type="text"/>	Mobile no:	<input type="text"/>
Email:	<input type="text"/>	Email:	<input type="text"/>

**Present address**

**Permanent address**


☐ same as present address

Lane address	<input type="text"/>
Postal code	<input type="text"/>
City	<input type="text"/>
State	<input type="text"/>

Family particulars page, we are collecting student's family related details like his father, mother details and also, we are taking students present and permanent address.

## 7.STUDENT DETAILS DISPLAY PAGE:

Browser: All Details | localhost:5000/success



**B.M.S COLLEGE OF ENGINEERING**  
Autonomous institute, Affiliated to VTU  
Estd.1946

Log Out

You have Registered successfully

### Student Details

First Name :	kiran
Last Name :	b
Date of Birth :	Thu Nov 11 1999 00:00:00 GMT+0530 (India Standard Time)
Gender :	male
Mobile Number :	9973718199
Email ID :	kiranb.me17@bmsce.ac.in
Blood Group :	O+
Nationality :	Indian
Religion :	Hinduism

Windows Taskbar: Type here to search | 21°C Partly cloudy | 2:25 PM IN 7/18/2021

Browser: All Details | localhost:5000/success

Mode of Admission :

CEI

Branch :

Mechanical Engineering

### Class 10 :

Board :	Indian school certificate Examination
Year of Passing :	2017
Percentage Obtained :	98.4

### Class 12 :

Board :	Karnataka Secondary Education Examination Board
Year of Passing :	2019
Percentage Obtained :	97.4

### Family Particulars

#### Father :

Name :	Surya Tirumalesa
Date of Birth :	Fri May 12 1978 00:00:00 GMT+0530 (India Standard Time)

Windows Taskbar: Type here to search | 21°C Partly cloudy | 2:25 PM IN 7/18/2021



Address

Present Address :

Lane Address :	5th main road nr colony
Postal Code :	560053
City :	Bangalore
State :	KARNATAKA


Permanent Address :

Lane Address :	5th main road nr colony
Postal Code :	560053
City :	Bangalore
State :	KARNATAKA

[Print this page](#)

After student has entered his details, we are displaying his information which he had provided in this portal and student can take a copy for his reference.

## 8.ADMIN PAGE:



# B.M.S COLLEGE OF ENGINEERING

Autonomous institute, Affiliated to VTU  
Estd.1946

Branch: All

Year: All

Filter

## Student Details

Sl no	Firstname	Lastname	Email	Student ID	Branch
1	Nikhil	S	nikhils.cs19@bmsce.ac.in	1	Computer Science and Engineering
2	Kiran	B	kiranb.me17@bmsce.ac.in	2	Mechanical Engineering
3	Arun	kumar K	arunk.is19@bmsce.ac.in	3	Information Science
4	Anil	M	anilec20@bmsce.ac.in	4	Electronics and communication Engineering
5	Shashikant	singh M	shashikantm.cv19@bmsce.ac.in	5	Civil Engineering
6	Prema	G	premag.bt19@bmsce.ac.in	6	Biotechnology
7	Prajwal	V S	prajwals.mt19@bmsce.ac.in	7	Metalurgical Engineering
8	Nitish	kumar M	nitishm.is19@bmsce.ac.in	8	Information Science
9	Prem	p sai	premsai.me19@bmsce.ac.in	9	Mechanical Engineering
10	Harsha	V N	harsha.cs20@bmsce.ac.in	10	Computer Science and Engineering
11	Gagana	D K	gagana.cv18@bmsce.ac.in	11	Civil Engineering

At last is the admin home page where he can view all students who are registered and given the details and he can filter it by branch and also, he can filter it by year for simplification.

## 9.FORGOT PASSWORD PAGE:

signup

localhost:3000/forgot

**B.M.S COLLEGE OF ENGINEERING**  
Autonomous institute, Affiliated to VTU  
Estd. 1946

**Forgot Password**  
Enter your Email

Email

Enter

Password will be sent to your Mail ID

Click here to [Login](#)

Type here to search

21°C Partly cloudy 2:27 PM 7/18/2021

Forgot password page where student or admin can get the password by providing the his/her email id, if he has forgotten his password and password will be sent to his mail id and he can login again to our portal.

## 5.REFERENCES:

1. [https://www.tutorialspoint.com/nodejs/nodejs\\_express\\_framework.htm](https://www.tutorialspoint.com/nodejs/nodejs_express_framework.htm).
2. [https://www.w3schools.com/nodejs/nodejs\\_mysql.asp](https://www.w3schools.com/nodejs/nodejs_mysql.asp).
3. <https://youtu.be/JnvKXcSI7yk>.
4. <https://expressjs.com/>.
5. <https://stackoverflow.com/>.