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 Visveswaraiah 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   Signature of the HOD

Dr.PALLAVI G B.   Dr. Umadevi V.
Assistant Professor   Prof & Head of Dept of CSE
BMSCE, Bengaluru   BMSCE, Bengaluru

External Viva

Name of the Examiner   Signature with date

B.M.S. COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DECALARATION

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)
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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:
    - o Intel Core i3 or higher
    - o 4 GB RAM
    - o 128 GB Hard Drive and higher
- A stable internet connection (2Mbps or higher)
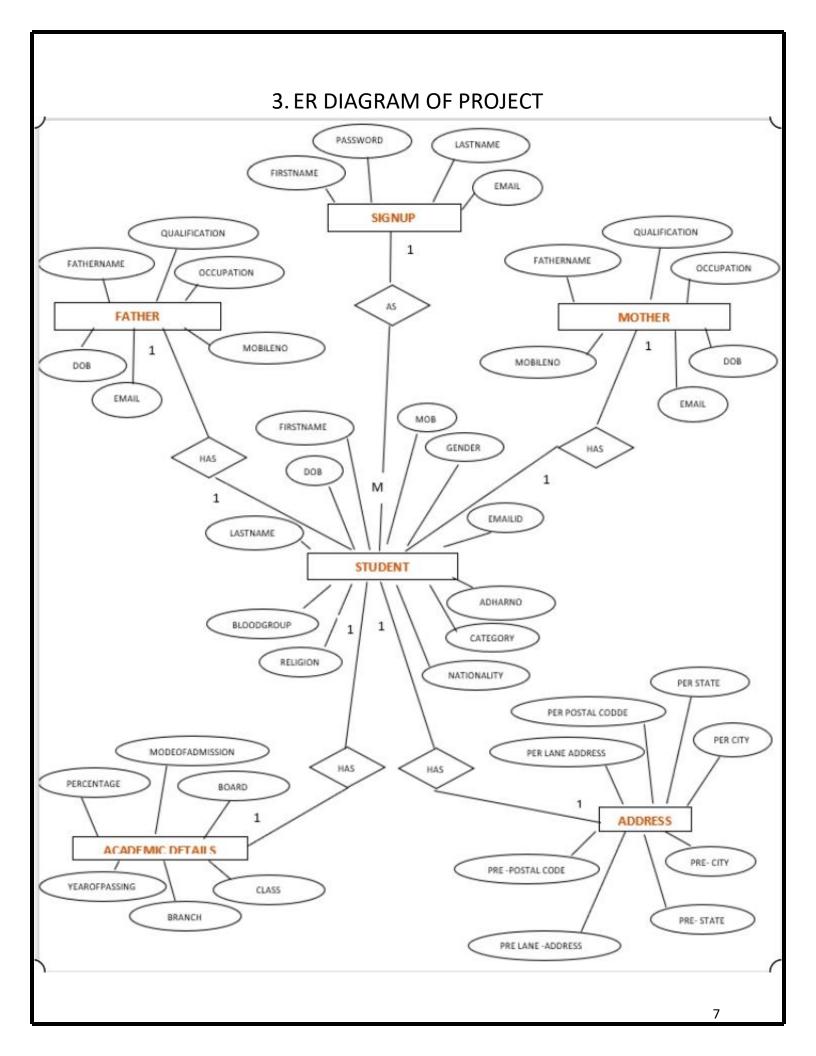
2.2 Software Requirements:

    ⁋ 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

SID	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
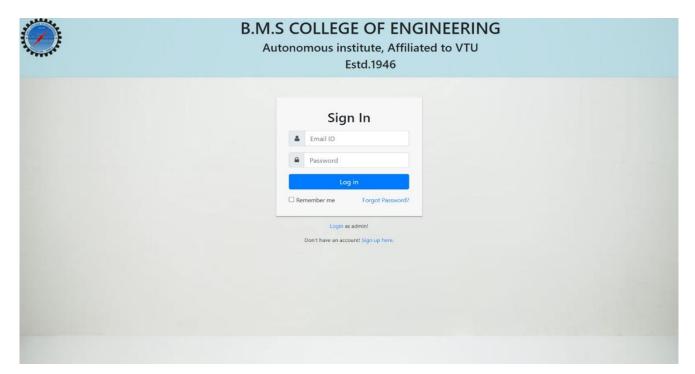
USER INTERFACE DESIGN

This is the starting page where student can signup and signin.
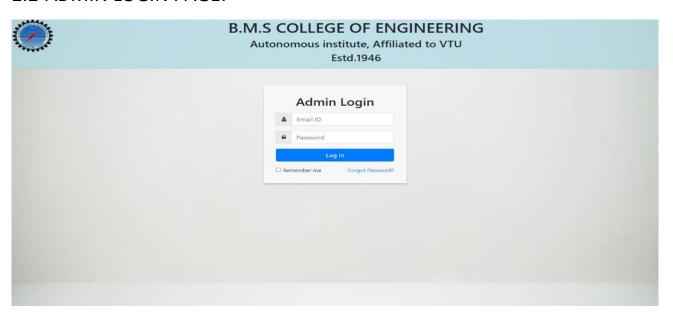
1.SIGNUP:

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:

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:

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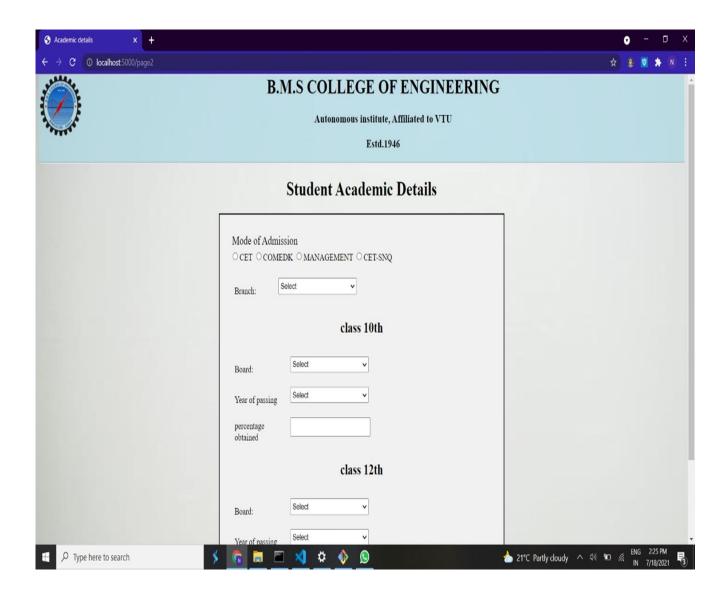
3.HOME PAGE-

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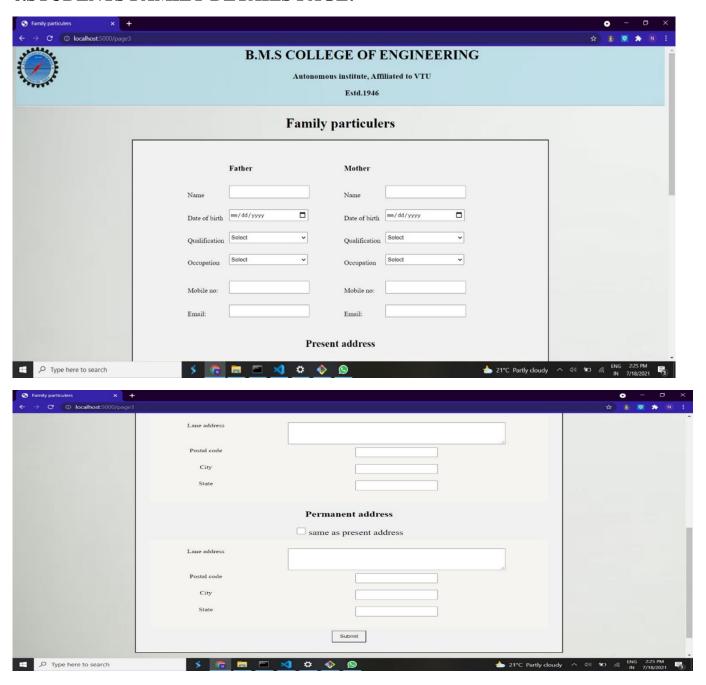with this page.

4.STUDENT PERSONAL DETAILS PAGE:

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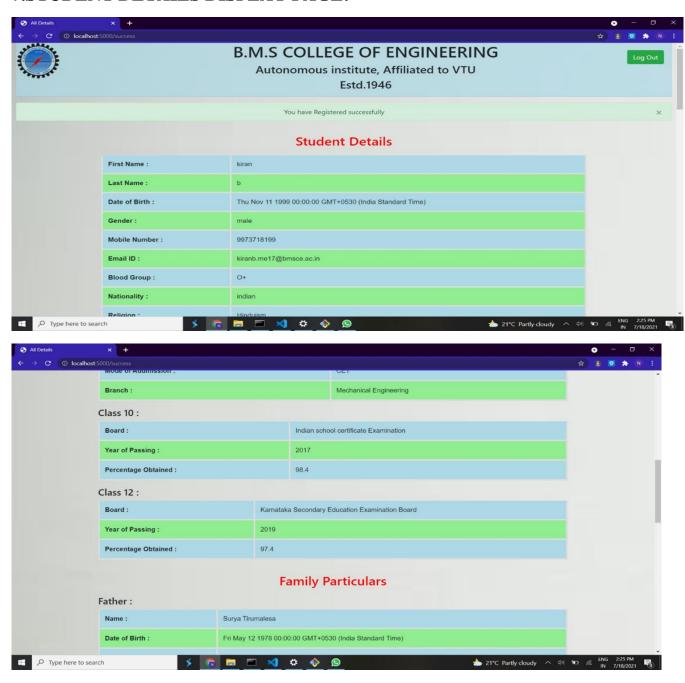
5.STUDENT ACADEMIC DETAILS PAGE:

Student academic details page is where we are collecting students academic related information including the mode of admission, class 10 and 12 details.
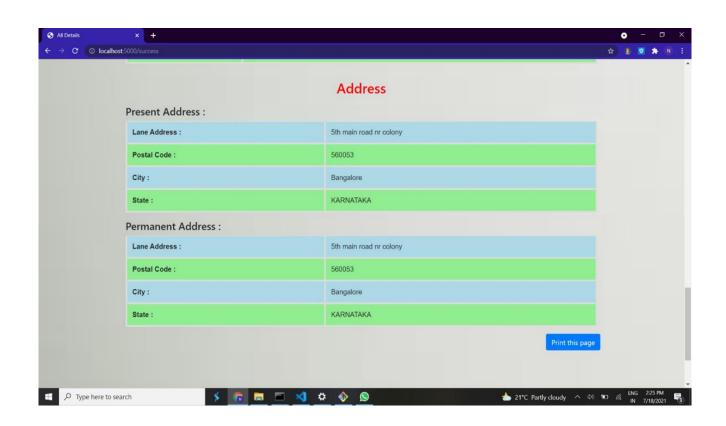
6.STUDENTS FAMILY DETAILS PAGE:

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.
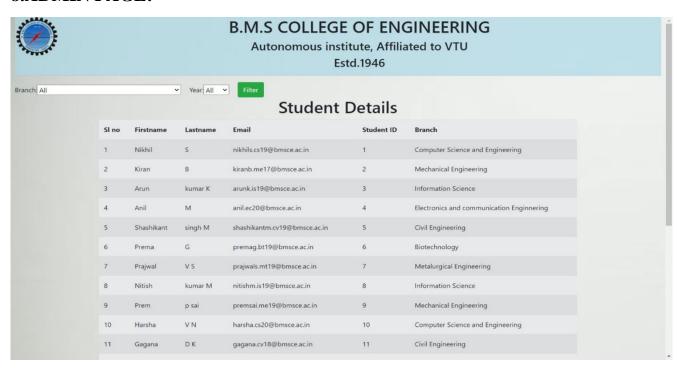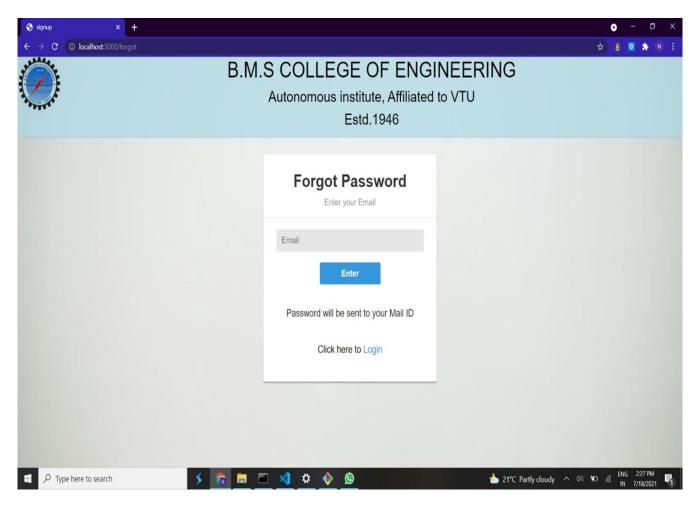
7.STUDENT DETAILS DISPLAY PAGE:

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:

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:

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.

2. https://www.w3schools.com/nodejs/nodejs_mysql.asp.

3. https://youtu.be/JnvKXcSI7yk.

4. https://expressjs.com/.

5. https://stackoverflow.com/.