

**Visvesvaraya Technological University, Belagavi**  
**Government Engineering College, Mosalehosahalli, Hassan**  
**573201**



**Mini Project Report On**  
**“COLLEGE WEB SITE DATA AND VERIFICATION**  
**SYSTEM”**

Submitted in Partial Fulfillment of Fifth Semester Database Management  
System Laboratory(18CSL58) in Computer Science & Engineering

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Dec 2021-2022

**DEPARTMENT OF COMPUTER SCIENCE AND  
ENGINEERING  
GOVERNMENT ENGINEERING COLLEGE, HASSAN  
2019-2020**



## CERTIFICATE

This is to certify that **Mr. PAVAN P USN:4HG19CS028, Ms. PRIYANKA K.S USN:4HG20CS410** has satisfactorily implemented the mini project titled **“COLLEGE WEBSITE MANAGEMENT AND DATA VERIFICATION SYSTEM”** in fifth semester DBMS Laboratory with mini project (18CSL58) as per the requirements of Visvesvaraya Technological University, Belagavi for the academic year 2021-2022..

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**External viva**

**Name of the Examiners**

- 1.
- 2.

**Signature with date**

## ACKNOWLEDGEMENT

The completion of any project involves the efforts of many people. We have been lucky to have received a lot of help, support from all directions during making of this project, so with the gratitude we take this opportunity to acknowledge all those who guide and encouraged us.

We are extremely grateful to our principal **Dr. RANGASWAMY** , B.E, M.Tech, Ph.D. for creting an excellent and technically sound environment in our institution.

We would like to express our profound sense of gratitude to our department HOD **Dr. K.C. Ravi Shankar** , B.E, M.Tech, Ph.D and our guide **Dr.Raghu** , B.E, M.Tech,Ph.D. Dept.of CS&E for their guidance. It's a great pleasure to acknowledge our sincere gratitude to **Ms.Madhuri H D**, B.E, M.Tech, Dept. of CS&E for their help and encouragement rendered towards the successful completion of the mini project work.

Project Associates  
Pavan p  
Priyanka K.S

## DECLARATION

We, Pavan P, Priyanka K S, students of 5<sup>th</sup> semester B.E, CS&E, Government Engineering College, USN 4HG19CS028, 4HG20CS410 hereby declare that the project entitled “**COLLEGE WEBSITE AND DATA VERIFICATION SYSTEM**” has been carried out by us under the supervision of **Ms.Madhuri**, professor, Dept of CS&E submitted in partial fulfilment of the requirements for the award of the degree of computer science and engineering by the Visvesvaraya technological university during the academic year 2021-22.This report has not been submitted to any other organization/university for any award of degree certificate.

By:

PAVAN. P  
PRIYANKA K. S

## **ABSTRACT**

The purpose of the college website and data verification system is to automate the existing manual system by the help of computerized equipment and fully fledged computer software, fulfilling their requirements, so that their valuable information can be stored for the longer period with easy accessing. College website and data verification system as described above can lead to error free, secure, reliable and fast management system.

It can assist the user to concentrate on the record keeping. Thus it helps the organization or institutions in better utilization of the resources. The organization or institutions can maintain computerized records without any redundant entries. That means that one need not be distracted by information that is not relevant.

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## **CHAPTER 1**

# **OVERVIEW**

## **INTRODUCTION**

This project entitled with College website and data verification System. This site developed using HTML and CSS as front end and backend is MYSQL.

With the advance in time and technology there is a need for faster dissemination of information. Many manual processes are being automated. The backend will be updated by the College administrator. College management system can make the work easier for College administrator by providing well structured backend to update the server with current happenings and future updates of the College to Student. The Fronted is also structured in such a way that each and every student gets it easy to use the website.

## **OBJECTIVES**

- ❖ To develop the well-designed database to store college information.
- ❖ Provides full functional report for the system of the college website's.
- ❖ The objective of this project is to provide a comprehensive approach towards the management of the college management.
- ❖ Provides the searching facilities based on various branches details such as CS&E,E&C,CIVIL,E&E.
- ❖ It tracks all the information of college and student, like logins, data verification.

## **PROPOSED SYSTEM ADVANTAGES**

Easy retrieval of information.

Better look and feel.

Easy to manage the entire system

Maintains details of members like the club joined, when they joined etc.



## **SCOPE OF THE PROJECT**

One of the most important steps in the process of development of the system is to have a well defined scope of the system. The scope of the system sets down the boundaries and areas covered by the system.

We can add, update and delete all the new as well as existing records.

The system is user friendly and maintenance of the information is easy.

To minimize the time.

To data entry and make data access possible.

## **ADVANTAGES**

Provides computerized system for maintaining records.

More efficient and reliable.

Less time consuming and easy to use.

Avoids data inconsistency and redundancy.

Avoids paper wastage.

## **CHAPTER 2**

# **SYSTEM REQUIREMENT SPECIFICATION**

### **SYSTEM REQUIREMENTS:**

System requirement are expressed in software requirement document. It is the official statement for what is required for the system developers. Requirement document includes the requirement definitions and the requirement specifications.

The software requirement document is not designed document. It should set out what the system should do without specifying how it should be done.

- Storing the information of the college ,student in the customized database
- Accessing information of the member
- Making queries for adding and searching member details

### **HARDWARE REQUIREMENTS**

Processor : 2GHz Intel core processor

RAM : 4GB or more

Hard-Disc : 100GB or more

### **SOFTWARE REQUIREMENTS**

Operating system : Linux(Ubuntu)/Windows

Language : HTML,CSS,PHP

Database : MySQL

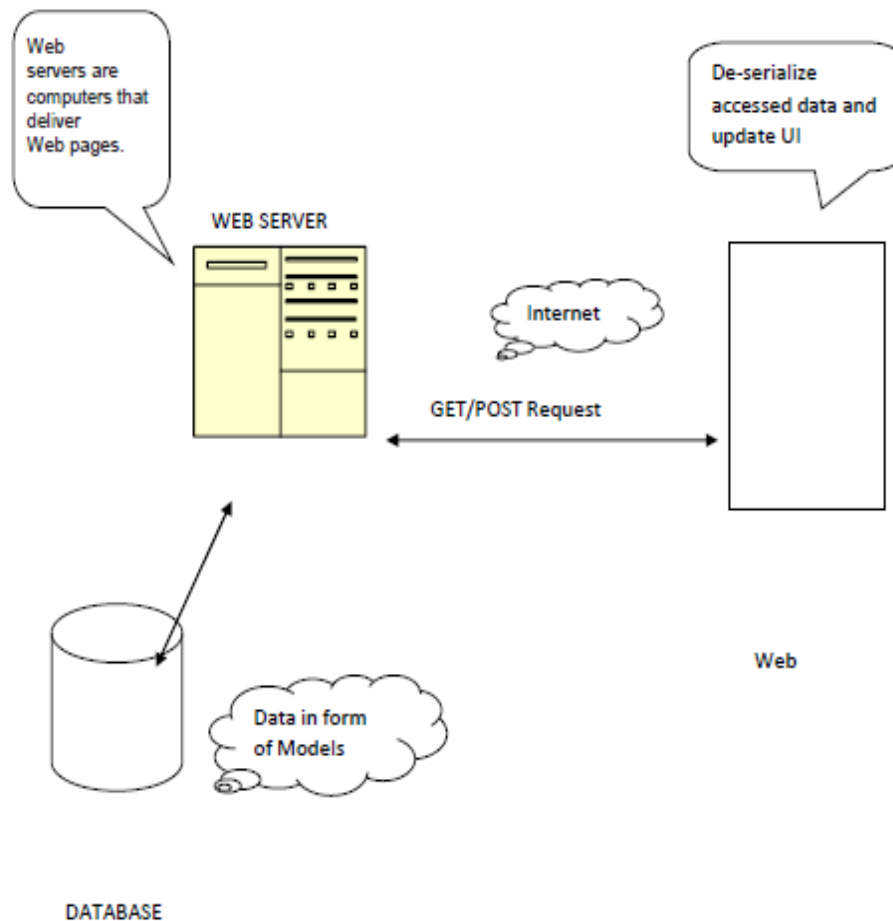
Tools : Sublime Text, Atom, Bracket

Server : Apache2

## CHAPTER 3

### SYSTEM DESIGN

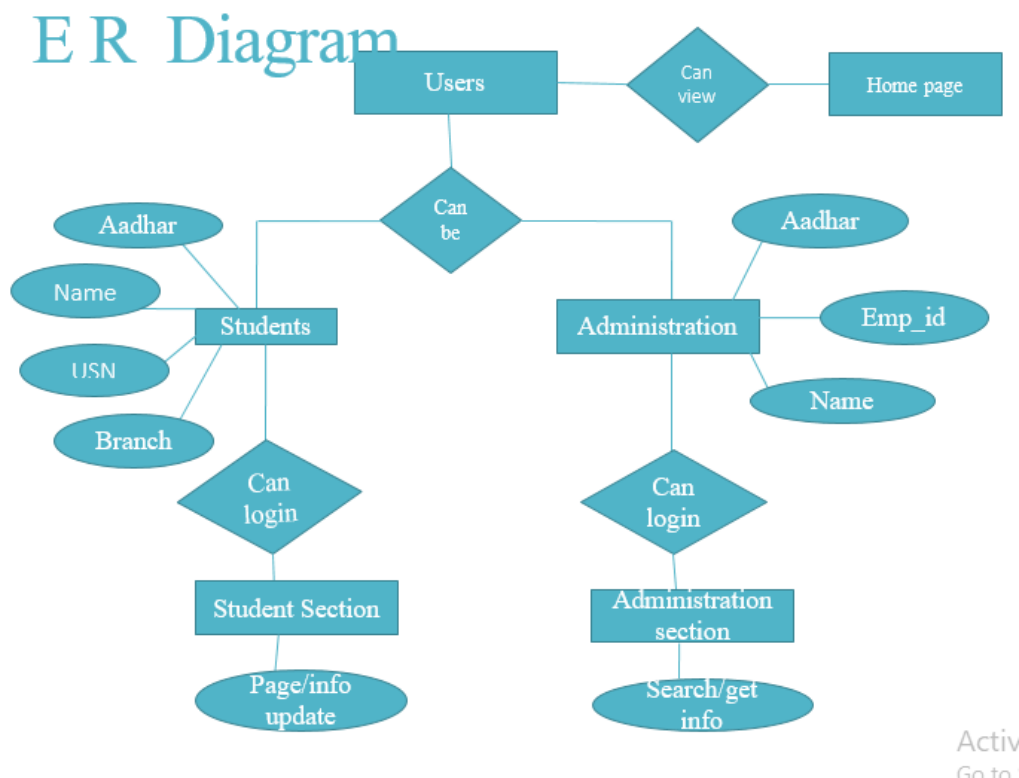
#### 3.1. SYSTEM DESIGN DIAGRAM



**Fig 1. System Design diagram**

The member data is stored in the database and is connected to the server. The server sends data in the form of HTTP Response when request is send to it.

### 3.2. E R DIAGRAM



**Fig 2. ER Diagram**

ER diagram is a visual representation of data that describes how data are related to each other. ER diagrams are essential to modelling anything from simple to complex database. There are 4 entities defined namely Student, Administration, Student section, Administration section. Each entity is having relation among one another as show in the Fig 2. The attributes are represented in circles.

## **CHAPTER 4**

### **IMPLEMENTATION**

The process of putting our plan into execution is said to be as implementation.

This implementation process can vary from organisation to another organisation. It is a process that convert strategies and plans into actions to reach required goal.

### **TOOLS USED**

#### **HTML**

Web browsers receive HTML documents from a web server or local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document. HTML elements are the building blocks of HTML pages.

#### **CSS**

CSS is designed to enable the separation of presentation and content, including layout, colors and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, and enable multiple web pages to share formatting by specifying the relevant CSS in a separate css file.

#### **MYSQL**

It is an open source relational database management system. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under the variety of proprietary agreements. MySQL was owned and sponsored by a single for profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation.

#### **PHP**

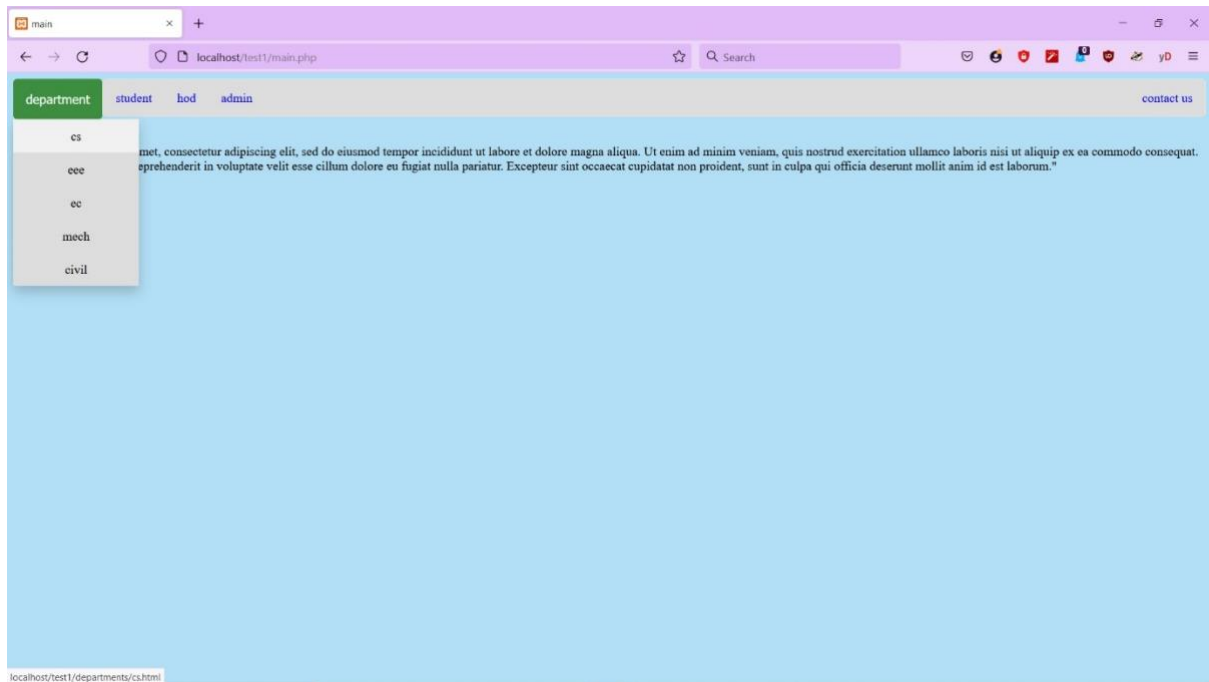
PHP is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.

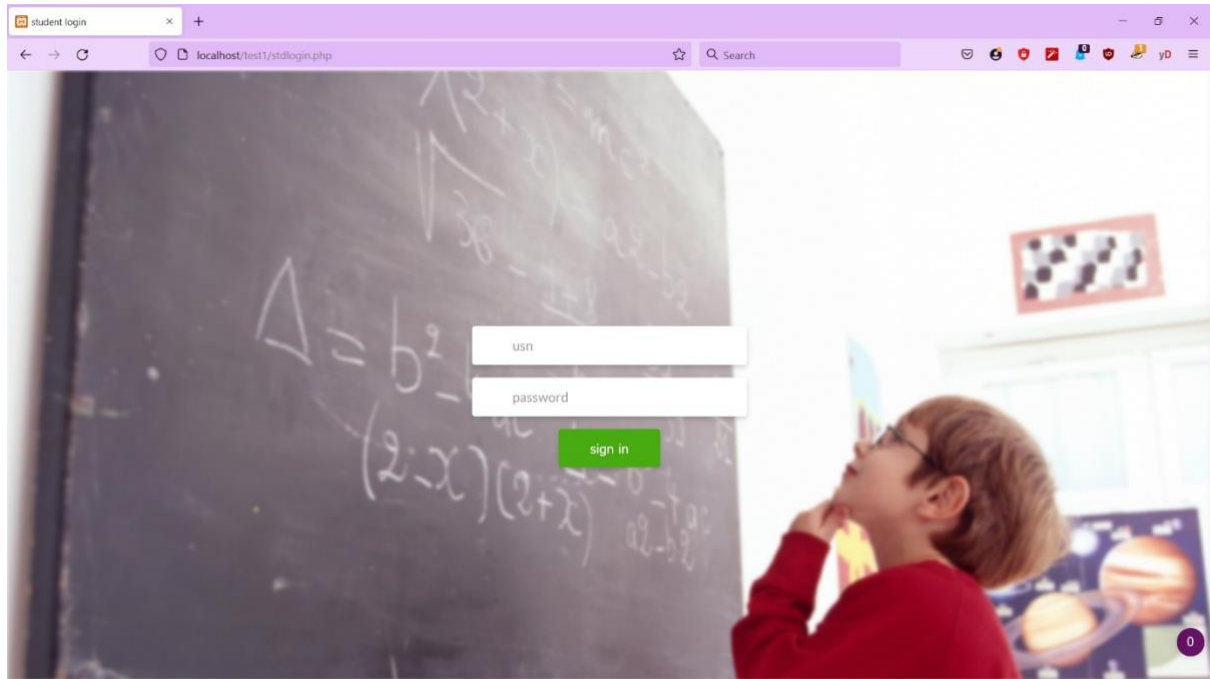
## MODULES

## CHAPTER 5

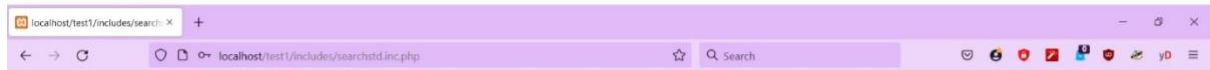
# INTERPRETATION OF RESULTS

### SNAPSHOTS









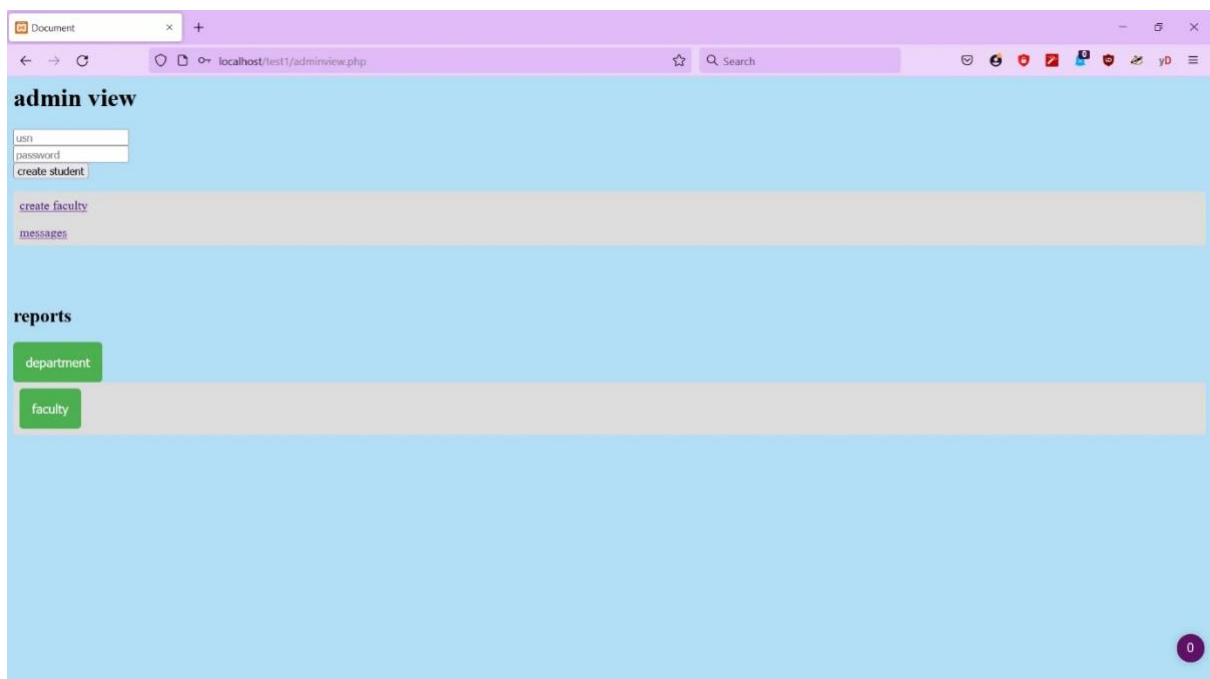
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please click on check box and submit to verify the user

☐ Submit Query



The screenshot shows a web browser window with the address bar displaying 'localhost/test1/contact1.php'. The page features a large teal circular graphic on the left. The main content area is divided into two sections:

- Let's get in touch:** This section contains placeholder text: 'Lorem ipsum dolor sit amet consectetur adipiscing elit. Saepe dolorum adipisci recusandae praesentium dicta!'. Below this, it lists contact details: 'near hassan', 'gecmcollegeemail@gmail.com', and '1234567891'. At the bottom, there are social media icons for Facebook, Twitter, Instagram, and LinkedIn.
- Contact us:** This section contains a form with three input fields labeled 'full name', 'email', and 'subject'. Below these fields is a large text area and a 'Send' button.

The screenshot shows a web browser window with the address bar displaying 'localhost/test1/departments/cs.html'. The page has a navigation bar with links: 'department' (highlighted), 'student', 'hod', 'admin', and 'contact us'. The main content area is titled 'Computer Science & Engineering' and contains the following text:

**Department of Computer Science and Engineering** started along with the establishment of the college. It offers an undergraduate course B.E with an annual intake of 60. It has a highly qualified and experienced faculty. The B.E. in Computer Science and Engineering is a broad and flexible degree program with the curriculum specifically designed to reflect the depth and breadth of computer science.

**faculty information**

Dr. K. C. Ravishankar	Dr. Raghu M E	Dr. Raghu M E
Professor and Head Of The Department	Assistant Professor (Group A)	Assistant Professor (Group A)
Dr. K. C. Ravishankar did his B.E. from MCE, Hassan in 1990, M.Tech from IIT, Delhi in 1998 and Ph.D. from Visvesvaraya Technological University in 2009. He served at MCE, Hassan from 1990-2010. He served at GEC, Hassan from September, 2010 to July, 2021 in various capacities as Principal(In-Charge) and Professor, Department of Computer Science and Engineering. His areas of interest include Cryptography, Image Processing and Databases. He has 9 international and 16 national publications to his credit.	Dr. Raghu M E did his B.E. from UBDTCE, Davangere in 1998, M.Tech from JNNCE, Shimoga in 2003, Ph.D from VTU Belagavi. He served at BCE from 2000-2003, in JNNCE from 2003-2010. He served at GEC, Hassan from October, 2010 to July, 2021. Worked as Special Officer at Visvesvaraya Technological University, Belagavi. His areas of interest include Cryptography, Parallel Computing, Compiler Designs, Image Processing and Computer Graphics. He has 5 international and 3 national publication to his credit.	Dr. Raghu M E did his B.E. from UBDTCE, Davangere in 1998, M.Tech from JNNCE, Shimoga in 2003, Ph.D from VTU Belagavi. He served at BCE from 2000-2003, in JNNCE from 2003-2010. He served at GEC, Hassan from October, 2010 to July, 2021. Worked as Special Officer at Visvesvaraya Technological University, Belagavi. His areas of interest include Cryptography, Parallel Computing, Compiler Designs, Image Processing and Computer Graphics. He has 5 international and 3 national publication to his credit.
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<a href="#">more info</a>	<a href="#">more info</a>	<a href="#">more info</a>





## **CONCLUSION**

To conclude the description about the project: the project College website and data verification System has been designed and developed according to the current requirements of a college. College website and data verification System is made for a quick access to accurate data and to help the college admin achieve their goals. College website can be very useful in an organization or institution. It creates an impact on the organization's performance, functions.

## References:

- Fundamental of database system(7<sup>th</sup> Edition)-
- <https://www.w3schools.com>
- <https://stackoverflow.com>
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- <https://www.youtube.com>

