

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

'JNANA SANGAMA' BELAGAVI-590 014, KARNATAKA



A Mini-Project Report On “ONLINE STUDENT ADMISSION SYSTEM”

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR THE V SEMESTER, BE, DBMS LAB WITH MINI-PROJECT-18CSL58

Submitted By

HOLIKA H K
[1CG20IS021]

TARUN K
[1CG20IS045]

Under the guidance of:

Mr. Anil Kumar, M. Tech
Asst. Prof., Dept. of ISE,
CIT, Gubbi, Tumakuru.

HOD:

Dr. Thara D K , Ph.D.
Prof & Head, Dept. of ISE,
CIT, Gubbi, Tumakuru.



Channabasaveshwara Institute of Technology

(NAAC Accredited & ISO 9001:2015 Certified Institution)
NH 206 (B.H. Road), Gubbi, Takakura – 572 216. Karnataka.



(Affiliated to Visvesvaraya Technological University, Belagavi & Recognized by AICTE New Delhi)

2022-23



Partnering in Academic Excellence

Channabasaveshwara Institute of Technology

(NAAC Accredited & ISO 9001:2015 Certified Institution) NH
206 (B.H. Road), Gubbi, Tumakuru – 572 216. Karnataka.



(Affiliated to Visvesvaraya Technological University, Belagavi & Recognized by AICTE New Delhi)

2022-23

DEPARTMENT OF INFORMATION SCIENCE ENGINEERING

CERTIFICATE

This is to certify that the mini project work entitled "**“ONLINE STUDENT ADMISSION SYSTEM”** has been successfully carried out by **HOLIKA H K [1CG20IS021]**, **TARUN K [1CG20IS045]**, Bonafide students of **CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, GUBBI, TUMAKURU**, under our supervision and guidance and submitted in partial fulfillment for V Semester BE, DBMS Lab with Mini-project-18CSL58 by **Visvesvaraya Technological University, Belagavi** during the academic year of 2022–2023. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The mini project report has been approved as it satisfies the academic requirements for the above said degree.

Guide:

Mr. Anil Kumar, M. Tech
Asst Prof. Dept of ISE
CIT, Gubbi, Tumakuru

H.O.D:

Dr. Thara D K, Ph. D
Prof & Head, Dept. of ISE
CIT, Gubbi, Tumakuru.

Principal:

Dr. Suresh D S Ph. D
CIT, Gubbi, Tumakuru.

External Viva

Examiners:

1. _____

Signature with date

2. _____



Partnering in Academic Excellence

Channabasaveshwara Institute of Technology

(Affiliated to VTU, Belgaum & Approved by AICTE, New Delhi)

(ISO 9001:2015 Certified Institution)

206 (B.H. Road), Gubbi, Tumkur – 572 216. Karnataka.



DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

2022-23

DECLARATION

We, **HOLIKA H K** and **TARUN K** students of V Semester, **B E.**, in Information Science and Engineering, **C.I.T, Gubbi**, hereby declare that the dissertation work entitled "**ONLINE STUDENT ADMISSION SYSTEM**", embodies the report of our project work carried out independently by us under the guidance of **Mr. Anil Kumar**, Assistant Professor Department ISE, CIT, Gubbi, as partial fulfillment of requirements for the V Semester during the academic year **2022-23**. I further declare that the project has not been submitted for the award of any other degree.

Place: GUBBI

Date:

HOLIKA H K

USN: 1CG20IS021

TARUN K

USN: 1CG20IS045

ACKNOWLEDGEMENT

A great deal of time and lot of effort has gone into completing this mini project report and documenting it. The number of hours spent in getting through various books and other materials related to this topic chosen by me have reaffirmed its power and utility in doing this lab work.

Several special people have contributed significantly to this effort. First of all, we are grateful to our institution **Channabasaveshwara Institute of Technology**, Gubbi, which provides us an opportunity in fulfilling our most cherished desire of reaching the goal.

We acknowledge and express our sincere thanks to our beloved Director and Principal **Dr. Suresh D S** for his many valuable suggestions and continued encouragement and support in the academic endeavors.

We wish to express our deep sense of gratitude to **Dr. Thara D K**, Prof & Head, Dept of ISE, CIT, for all the guidance and who still remains a constant driving force and motivated through innovative ideas with tireless support and advice during the course of mini project to examine and helpful suggestions offered.

We express our heartfelt thanks to our guide **Mr. Anil Kumar**, Assistant Professor, Dept. of ISE, CIT, for his meticulous attention to details, which has contributed immeasurably to the quality of our project report.

Our sincere and hearty thanks to our beloved parents, Friends and others for their alltime support and co-operation.

PROJECT ASSOCIATES:

HOLIKA H K

[1CG20IS021]

TARUN K

[1CG20IS45]

ABSTRACT

Our project explains about the online student admission system. This project mainly explains the various actions related to student details and courses available in the college as well. This project shows some ease in adding, editing and deleting the student details. It also provides a less time-consuming process for viewing, adding, editing and deleting actions. Our project includes

- Admin view
 - 1. Secure login
 - 2. Change password
 - 3. Student registration
 - 4. Student management
 - 5. Approving the registration form
 - 6. Branch management
 - 7. Department management
 - 8. News posting
 - 9. Session management
 - 10. User login view
- Student view
 - 1. News displayed at homepage
 - 2. Secure login
 - 3. Change password
 - 4. Update user information
 - 5. Manage profile
 - 6. Check the registration status

CONTENTS

ACKNOWLEDGMENT	i
ABSTRACT	ii
CHAPTER	PAGE NO
1. INTRODUCTION	1
2. SYSTEM ANALYSIS	2-3
2.1 PROPOSED SYSTEM	
2.1.1 SCOPE OF THE PROJECT	
2.1.2 AIM OF THE PROJECT	
3. REQUIREMENT SPECIFICATIONS	4-7
3.1 DETAILS OF SOFTWARE	
3.1.1 *****XAMPP	
3.1.2 *****HTML, PHP etc.	
3.2 SYSTEM REQUIREMENTS	
3.2.1 HARDWARE COFIGURATION	
3.2.2 SOFTWRAE CONFIGUARATION	
4. SYSTEM DESIGN	8-9
4.1 ER DAIGRAM	
4.2 SCHEMA DIAGRAM	
5. SYSTEM IMPLEMENTATION	10-23
5.1 MODULES DESCRIPTION	
6. SAMPLE OUTPUT	24-28
6.1 SCREENSHOTS	
7. CONCLUSION	29
8. BIBLIOGRAPHY	30

CHAPTER 1

INTRODUCTION

System may be defined as a layered structure that depicts how programs involved would interrelate and communicate. In computers, System may also include actual programs, programming interfaces and tools for managing the larger system. The term system may be used differently in different contexts, but more or less the concept remains the same. Online student admission system combines multiple systems to construct a combined framework. This framework consists of multiple modules, which further contain different systems along with the implementation of their defined constraints.

Basically, systems are implemented for facilitating complex manual processes and that is exactly what we are trying to achieve. System is implemented as per user requirement such as a manufacturing concern may install a plant for easing out manual processes. We have sought help from computer programming for automation of manual admission system. With the introduction of computers, every aspect of our lives has been revolutionized. When used judiciously, computers can help us save time, secure our personal information, access the required information whenever and wherever required. Keeping all these positive points in mind, we have developed an Online Student Admission System for easily managing the admission process for the student in an institution. Ours is an advisory based system. The courses may be deferent for the different colleges, the intakes and all. Hence, in current scenario, automated system is required for admission of students.

PURPOSE:

This paper describes a student admission system that uses the Service- Oriented Architecture.

PROJECT SCOPE:

The objectives of this proposed web application system are: To computerise student and college database. To maintain data consistency and integrity. Automate the admission process without any physical human interaction. Making the admission process accessible anywhere to the student

PRODUCT PERSPECTIVE:

Tries to make the interface as simple as possible and at the same time not risking the security of data stored in. This minimizes the time duration in which the user receives the feedback for the administrative section in time.

CHAPTER 2

SYSTEM ANALYSIS

Systems analysis is the process of examining a business situation for the purpose of developing a system solution to a problem or devising improvements to such a situation. Before the development of any system can begin, a project proposal is prepared by the users of the potential system and/or by systems analysts and submitted to an appropriate managerial structure within the organization.

2.1 PROPOSED SYSTEM

2.1.1 SCOPE OF THE PROJECT:

The studies will develop an Online Admission System, specifically for the Microsoft IT Academy in Multimedia University. With this system, it will affect the stakeholder of the Microsoft IT Academy Multimedia University Melaka Campus such as:

Administrator

The Administrator for the system will have several privileges on how they can use the system. Administrator for example, have all the privileges such as approving the registration form filled by the student outside the college, can call as he has the complete details of the student who is eager to join their institution, disapprove the registration based on the requirements of his college, etc., Administrator has access to the student data and he can communicate with him.

Student/User

Student will get a more accessible way in order to register and booked the seat in the college. They also can get updates from administrator keep track on the progress of their registration form.

2.1.2 AIM OF THE PROJECT:

- The system should be easy to operate.
- The working in the organization will be well planned and organized.
- The level of accuracy in the proposed system will be higher.
- The reliability of the proposed system will be high due to proper storage of information.
- Provide quick and efficient retrieval of information.

ADVANTAGES:

1. Low maintenance cost.
2. Volume of data is not an issue.
3. Data can be converted easily to information.
4. Data cannot be corrupted easily with proper backup.
5. It can be expanded as well as data communication is possible.

DISADVANTAGES:

1. High starting cost requires.
2. Must need of the skilled worker to maintain the database.
3. Data communication system will have an additional cost.

CHAPTER 3

REQUIREMENT SPECIFICATION

3.1 DETAILS OF SOFTWARE:

3.1.1 Xampp



XAMPP is free and open-source cross-platform web server software, released under terms of Apache License 2.0. Apache is maintained by open community of developers under the auspices of Apache Software Foundation. In XAMPP X stands for cross-platform, A stands for Apache, M stands for Maria DB, P stands for PHP, P stands for Perl.

- Developer(s) - Apache Friends
- Initial release - May 22,2002
- Stable release - 8.1.1-Windows
 - 8.1.1-Linux
 - 8.1.1-macOS
- Operating system - Cross-platform Linux
 - Window

XAMPP is a small and light Apache distribution containing the most common web development technologies in a single package. Its contents, small size, and portability make it the ideal tool for students developing and testing applications in PHP and MySQL. XAMPP is available as a free download in two specific packages: full and lite. While the full package download provides a wide array of development tools, XAMPP Lite contains the necessary technologies that meet the Ontario Skills Competition standards. The light version is a small package containing Apache HTTP Server, PHP, MySQL, phpMyAdmin, and SQLite.

3.1.2 Frontend-HTML



It is the standard markup language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript, it forms a triad of cornerstone technologies for the World Wide Web. Web browsers receive HTML documents from a web server or from 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 can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), maintainer of both the HTML and the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

3.1.3 Backend-MySQL



It is an open-source relational database management system (RDBMS). The MySQL development project has made its source code available under the terms of GNU General Public License, as well as under a 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. For proprietary use, several paid editions are available, and offered additional functionality. MySQL is central component of LAMP open-source web application software stack. LAMP is an acronym of “Linux, Apache, MySQL, and Perl/PHP/Python”. Applications that use the MySQL database include TTP03, MODx, Joomal, WordPress, hpBB, MyBB, and Drupal. MySQL is also used in many high profiles. Large-scale websites, including Google, Facebook, Twitter, Flickr, and YouTube. Operating System Windows 10.

3.1.4 PHP



PHP is a server-side scripting language designed for web development but also used as a general-purpose programming language. PHP is now installed on more than 244 million websites and 2.1 million web servers. Originally created by Rasmus Lerdorf in 1995, the reference implementation of PHP is now produced by The PHP Group. While PHP originally stood for Personal Home Page, it now stands for PHP: Hypertext Pre-processor, a recursive acronym. PHP code is interpreted by a web server with a PHP processor module, which generates the resulting web page: PHP commands can be embedded directly into an HTML source document rather than calling an external file to process data. It has also evolved to include a command-line interface capability and can be used in standalone graphical applications. PHP is free software released under the PHP License. PHP can be deployed on most web servers and also as a standalone shell on almost every operating system and platform, free of charge.

3.1.5 APACHE



The Apache HTTP Server is web server software notable for playing a key role in the initial growth of the World Wide Web. In 2009 it became the first web server software to surpass the 100 million website milestone. Apache is developed and maintained by an open community of developers under the auspices of the Apache Software Foundation. Since April 1996 Apache has been the most popular HTTP server software in use. As of November 2010, Apache served over 59.36% of all websites and over 66.56% of the first one million busiest websites.

3.2 SYSTEM REQUIREMENTS

3.2.1 HARDWARE CONFIGURATION:

Hardware configuration references the details and system resources setting allotted for a specific device. It is the important concept related to the software development, insufficient random-access memory may affect adversely on the speed and efficiency of the whole system. The processor should be powerful to handle the entire process.

1GB ram(min)

Either Intel core processor or AMD processor

250GB Space(min)

3.2.2 SOFTWARE CONFIGURATION:

The output of a software process is information that may be divided into three categories:

- [a] Computer program (both source level and executable level),
- [b] Work products that describes the computer program (targeted at both technical and end user),
- [c] Data (contained within the program or external to it).

The items that comprise all the information produced as part of software process are collectively called as software configuration. A major element in building a system is selection of compatible software since the software in market experiencing in geometric progression selected software should be flexible to all system. This document gives the detailed description of the software requirement specification.

Front-end Tool – HTML, Java Script

Back-end Tool – MySQL Development Tool- Xampp, server

Code editor- Visual Studio Code Documentation

Documentation Tool- Microsoft Word

CHAPTER 4

SYSTEM DESIGN

4.1 ER DIAGRAM

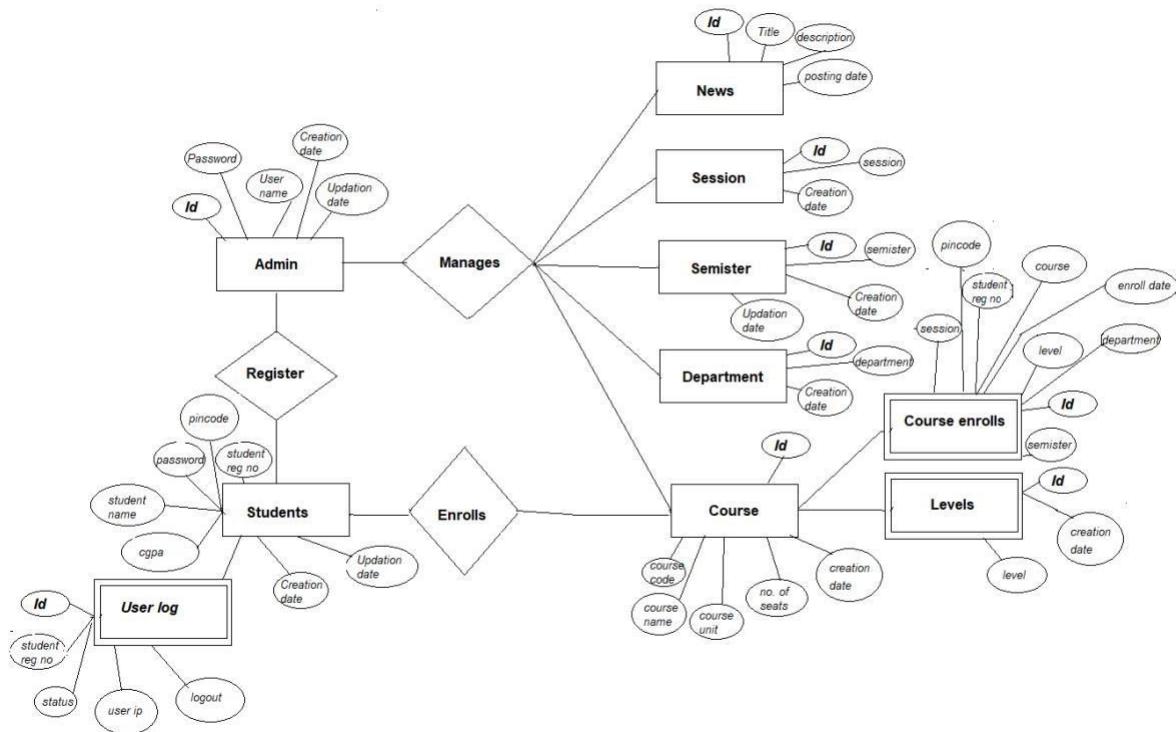


Fig 01: ER DIAGRAM OF ONLINE COURSE REGISTRATION SYSTEM

An entity–relationship model (ER model) a specific domain of knowledge. An ER model is composed of entity types (which classify the things of interest) and specifies relationships that can exist between instances of those entity types. In software engineering an ER model is commonly formed to represent things that a business needs to remember in order to perform business processes. Consequently, the ER model becomes an abstract structure that can be implemented in a ONLINE STUDENT ADMISSION SYSTEM DESIGN, Fig 2. E R Diagram of student admission database relationship model (ER model) describes interrelated things of interest in a specific domain of Knowledge.

4.3 SCHEMA

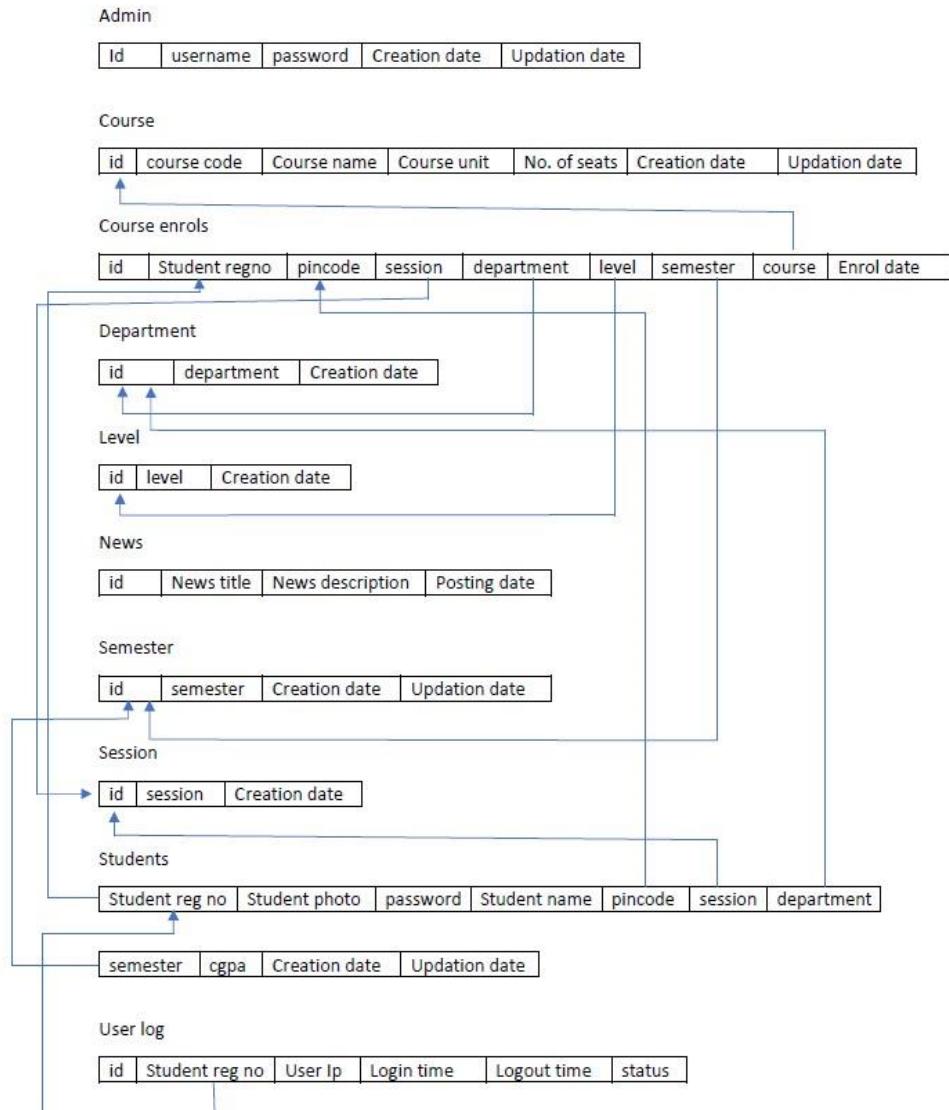


Fig 02: schema diagram

The database schema of a formal language supported by the term "schema" refers to constructed (divided into database tables in the case of formal definition of a database constraint imposed on a database). Fig 3 Schema Diagram of online admission database DIAGRAM The database schema of a database system is its structure described and supported by the database management system (DBMS). The organization of data as a blueprint of how the construction (divided into database tables in the case of relational databases) is done. Database schema is a set of formulas (sentences) called datasets.

CHAPTER 5

SYSTEM IMPLEMENTATION

5.1 MODULES DESCRIPTION

Create table statement is used to create table to store data. Integrity constraints like primary key, foreign key, unique key, can be defined while creating the table.

CREATION CODE AND DESCRIPTION OF EVERY TABLE:

Admin Table:

```
CREATE TABLE IF NOT EXISTS `t_admin` (
    `ad_id` varchar(10) NOT NULL,
    `ad_name` varchar(50) NOT NULL,
    `ad_pswd` varchar(50) NOT NULL,
    `ad_eml` varchar(50) DEFAULT NULL,
    PRIMARY KEY (`ad_id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

The screenshot shows the MySQL Workbench interface with the 'Structure' tab selected for the 't_admin' table. The table has four columns: ad_id, ad_name, ad_pswd, and ad_eml. The ad_id column is defined as varchar(10) NOT NULL and serves as the primary key. The other three columns are defined as varchar(50). The table is created using the InnoDB engine with a latin1 charset. Below the table structure, there are tabs for 'Indexes' and 'Data'.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	ad_id	varchar(10)	latin1_swedish_ci		No	None			Change Drop More
2	ad_name	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
3	ad_pswd	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
4	ad_eml	varchar(50)	latin1_swedish_ci		Yes	NULL			Change Drop More

Fig 03: Admin table description

Status Table:

```
CREATE TABLE IF NOT EXISTS `t_status` (
  `s_id` varchar(50) NOT NULL,
  `s_stat` varchar(45) NOT NULL,
  KEY `s_id` (`s_id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

The screenshot shows the MySQL Workbench interface for the 't_status' table. At the top, there's a toolbar with various tabs like Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, and Triggers. Below the toolbar, there are two tabs: 'Table structure' (which is selected) and 'Relation view'. The main area displays the table structure in a grid format with columns for #, Name, Type, Collation, Attributes, Null, Default, Comments, Extra, and Action. There are two rows: one for 's_id' (varchar(50), latin1_swedish_ci, No, None) and one for 's_stat' (varchar(45), latin1_swedish_ci, No, None). Below the grid, there are buttons for Check all, With selected, and various actions like Change, Drop, More. A 'Print' button is also present. In the bottom left, there's a 'Indexes' tab with a sub-table showing an index for 's_id'. The sub-table has columns for Action, Keyname, Type, Unique, Packed, Column, Cardinality, Collation, Null, and Comment. One index entry is shown: 'Edit', 's_id', BTREE, No, No, s_id, 1, A, No. At the bottom, there's a 'Create an index on' input field with '1' selected and a 'Go' button.

Fig 04: Status table description

User Table:

```
CREATE TABLE IF NOT EXISTS `t_user` (
  `s_detid` varchar(15) NOT NULL,
  `s_id` varchar(15) NOT NULL,
  `s_phn1` varchar(10) NOT NULL,
  `s_phn2` varchar(10) NOT NULL,
  `f_name` varchar(45) NOT NULL,
  `f_occ` varchar(45) NOT NULL,
  `f_phn` varchar(10) NOT NULL,
  `m_name` varchar(45) NOT NULL,
  `m_occ` varchar(45) NOT NULL,
  `m_phn` varchar(10) NOT NULL,
  `s_iop` int(10) NOT NULL,
  `s_sex` varchar(6) NOT NULL,
  `s_cadr` varchar(50) NOT NULL,
  `s_cst` varchar(20) NOT NULL,
  `s_cpin` int(6) NOT NULL,
  `s_cmob` varchar(10) NOT NULL,
  `s_padr` varchar(50) NOT NULL,
  `s_pst` varchar(20) NOT NULL,
  `s_ppin` int(6) NOT NULL,
  `s_pmob` varchar(10) NOT NULL,
```

```

`s_pst` varchar(20) NOT NULL,
`s_ppin` int(6) NOT NULL,
`s_pmob` varchar(10) NOT NULL,
`s_ruc` varchar(10) NOT NULL,
`s_natn` varchar(10) NOT NULL,
`s_relg` varchar(10) DEFAULT NULL,
`s_catg` varchar(3) NOT NULL,
`s_mainsxam` varchar(20) NOT NULL,
`s_mainsrank` varchar(10) NOT NULL,
`s_mainsroll` varchar(20) NOT NULL,
`s_mainsbrnch` varchar(45) NOT NULL,
`s_branch` varchar(60) NOT NULL,
`s_college` varchar(6) NOT NULL,
`s_center` varchar(20) NOT NULL,
`s_crtype` varchar(10) NOT NULL,
`s_pcm` varchar(10) NOT NULL,
`s_tenbrd` varchar(7) NOT NULL,
`s_tenyop` varchar(4) NOT NULL,
`s_tentotmark` varchar(4) NOT NULL,
`s_tenmarkob` varchar(4) NOT NULL,
`s_tendiv` varchar(4) NOT NULL,
`s_tenprcmark` varchar(4) NOT NULL,
`s_twlbnd` varchar(7) NOT NULL,
`s_tentotmark` varchar(4) NOT NULL,
`s_tenmarkob` varchar(4) NOT NULL,
`s_tendiv` varchar(4) NOT NULL,
`s_tenprcmark` varchar(4) NOT NULL,
`s_twlbnd` varchar(7) NOT NULL,
)s_detid` varchar(15) NOT NULL,
`s_id` varchar(15) NOT NULL,
`s_phn1` varchar(10) NOT NULL,
`s_phn2` varchar(10) NOT NULL,
`f_name` varchar(45) NOT NULL,
`f_occ` varchar(45) NOT NULL,
`s_moi` varchar(8) NOT NULL,
`s_pay` varchar(4) NOT NULL,
PRIMARY KEY (`s_detid`),
KEY `s_id` (`s_id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

```

Navigation: Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	s_detid	varchar(15)	latin1_swedish_ci		No	None			Drop More
2	s_id	varchar(15)	latin1_swedish_ci		No	None			Drop More
3	s_phn1	varchar(10)	latin1_swedish_ci		No	None			Drop More
4	s_phn2	varchar(10)	latin1_swedish_ci		No	None			Drop More
5	f_name	varchar(45)	latin1_swedish_ci		No	None			Drop More
6	f_occ	varchar(45)	latin1_swedish_ci		No	None			Drop More
7	f_phn	varchar(10)	latin1_swedish_ci		No	None			Drop More
8	m_name	varchar(45)	latin1_swedish_ci		No	None			Drop More
9	m_occ	varchar(45)	latin1_swedish_ci		No	None			Drop More
10	m_phn	varchar(10)	latin1_swedish_ci		No	None			Drop More
11	s_iop	int(10)			No	None			Drop More
12	s_sex	varchar(6)	latin1_swedish_ci		No	None			Drop More

□	12	s_sex	varchar(6)	latin1_swedish_ci	No	None		Change		Drop
□	13	s_cadr	varchar(50)	latin1_swedish_ci	No	None		Change		Drop
□	14	s_cst	varchar(20)	latin1_swedish_ci	No	None		Change		Drop
□	15	s_cpin	int(6)		No	None		Change		Drop
□	16	s_cmob	varchar(10)	latin1_swedish_ci	No	None		Change		Drop
□	17	s_padr	varchar(50)	latin1_swedish_ci	No	None		Change		Drop
□	18	s_pst	varchar(20)	latin1_swedish_ci	No	None		Change		Drop
□	19	s_ppin	int(6)		No	None		Change		Drop
□	20	s_pmob	varchar(10)	latin1_swedish_ci	No	None		Change		Drop
□	21	s_ruc	varchar(10)	latin1_swedish_ci	No	None		Change		Drop
□	22	s_natn	varchar(10)	latin1_swedish_ci	No	None		Change		Drop
□	23	s_reig	varchar(10)	latin1_swedish_ci	Yes	NULL		Change		Drop
□	24	s_catg	varchar(3)	latin1_swedish_ci	No	None		Change		Drop
□	25	s_mainsxam	varchar(20)	latin1_swedish_ci	No	None		Change		Drop

□	25	s_mainsxam	varchar(20)	latin1_swedish_ci	No	None		Change		Drop
□	26	s_mainrank	varchar(10)	latin1_swedish_ci	No	None		Change		Drop
□	27	s_mainroll	varchar(20)	latin1_swedish_ci	No	None		Change		Drop
□	28	s_mainbrnch	varchar(45)	latin1_swedish_ci	No	None		Change		Drop
□	29	s_branch	varchar(60)	latin1_swedish_ci	No	None		Change		Drop
□	30	s_college	varchar(6)	latin1_swedish_ci	No	None		Change		Drop
□	31	s_center	varchar(20)	latin1_swedish_ci	No	None		Change		Drop
□	32	s_crtype	varchar(10)	latin1_swedish_ci	No	None		Change		Drop
□	33	s_pcm	varchar(10)	latin1_swedish_ci	No	None		Change		Drop
□	34	s_tenbrd	varchar(7)	latin1_swedish_ci	No	None		Change		Drop
□	35	s_tenyop	varchar(4)	latin1_swedish_ci	No	None		Change		Drop
□	36	s_tentotmark	varchar(4)	latin1_swedish_ci	No	None		Change		Drop
□	37	s_tenmarkob	varchar(4)	latin1_swedish_ci	No	None		Change		Drop
□	38	s_tendiv	varchar(4)	latin1_swedish_ci	No	None		Change		Drop

The screenshot shows the 'Structure' tab of MySQL Workbench for a table named 'user'. The table has 10 columns:

- s_tendiv: varchar(4), latin1_swedish_ci, No, None
- s_tenprcmark: varchar(4), latin1_swedish_ci, No, None
- s_twibrd: varchar(7), latin1_swedish_ci, No, None
- s_twliyop: varchar(4), latin1_swedish_ci, No, None
- s_twltotmark: varchar(4), latin1_swedish_ci, No, None
- s_twimarkob: varchar(4), latin1_swedish_ci, No, None
- s_twldiv: varchar(4), latin1_swedish_ci, No, None
- s_twiprcmark: varchar(4), latin1_swedish_ci, No, None
- s_moi: varchar(8), latin1_swedish_ci, No, None
- s_pay: varchar(4), latin1_swedish_ci, No, None

Below the table structure, there are various management buttons: Check all, With selected, Browse, Change, Drop, Primary, Unique, Index, Spatial, Fulltext, Add to central columns, and Remove from central columns.

Fig 05: User table description

User_documents Table:

```
CREATE TABLE IF NOT EXISTS `t_userdoc` (
  `s_id` varchar(10) NOT NULL,
  `s_pic` varchar(200) NOT NULL,
  `s_tenmarkpic` varchar(200) NOT NULL,
  `s_tencerpic` varchar(200) NOT NULL,
  `s_twdmarkpic` varchar(200) NOT NULL,
  `s_twdcerpic` varchar(200) NOT NULL,
  `s_idprfpic` varchar(200) NOT NULL,
  `s_sigpic` varchar(200) NOT NULL,
  KEY `s_id` (`s_id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

The screenshot shows the 'Table structure' view for the 'User_documents' table. The table contains 8 columns:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	s_id	varchar(10)	latin1_swedish_ci		No	None			
2	s_pic	varchar(200)	latin1_swedish_ci		No	None			
3	s_tenmarkpic	varchar(200)	latin1_swedish_ci		No	None			
4	s_tencerpic	varchar(200)	latin1_swedish_ci		No	None			
5	s_twdmarkpic	varchar(200)	latin1_swedish_ci		No	None			
6	s_twdcerpic	varchar(200)	latin1_swedish_ci		No	None			
7	s_idprfpic	varchar(200)	latin1_swedish_ci		No	None			
8	s_sigpic	varchar(200)	latin1_swedish_ci		No	None			

Below the table, there are navigation and action buttons: Check all, With selected, Browse, Change, Drop, Primary, Unique, Index, Spatial, Fulltext, Add to central columns, Remove from central columns, Print, Propose table structure, Track table, Move columns, Normalize, Add (with value 1), column(s) (with dropdown after s_sigpic), and Go.

Fig 05: User_documents table description

User_data Table :

```
CREATE TABLE IF NOT EXISTS `t_user_data` (
  `s_id` varchar(10) NOT NULL,
  `s_pwd` varchar(15) NOT NULL,
  `s_dob` date DEFAULT NULL,
  `s_name` varchar(45) NOT NULL,
  `s_email` varchar(45) NOT NULL,
  `s_mob` varchar(10) DEFAULT NULL,
  `s_signupdate` datetime(6) NOT NULL,
  PRIMARY KEY (`s_id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

Fig 06: User_data table description

Constraints for Dumped Tables :

```
-- 
-- Constraints for table `t_status` 
-- 
ALTER TABLE `t_status` 
| ADD CONSTRAINT `t_status_ibfk_1` FOREIGN KEY (`s_id`) REFERENCES `t_user_data` (`s_id`);

-- 
-- Constraints for table `t_user` 
-- 
ALTER TABLE `t_user` 
| ADD CONSTRAINT `t_user_ibfk_1` FOREIGN KEY (`s_id`) REFERENCES `t_user_data` (`s_id`);

-- 
-- Constraints for table `t_userdoc` 
-- 
ALTER TABLE `t_userdoc` 
| ADD CONSTRAINT `t_userdoc_ibfk_1` FOREIGN KEY (`s_id`) REFERENCES `t_user_data` (`s_id`);
```

OPERATIONS PERFORMED:

Insertion:

Insertion is used to insert the tuple or row to the table. We insert value from frontend by making use localhost. The value inserted from frontend will be going to store in backend database in XAMPP Server.

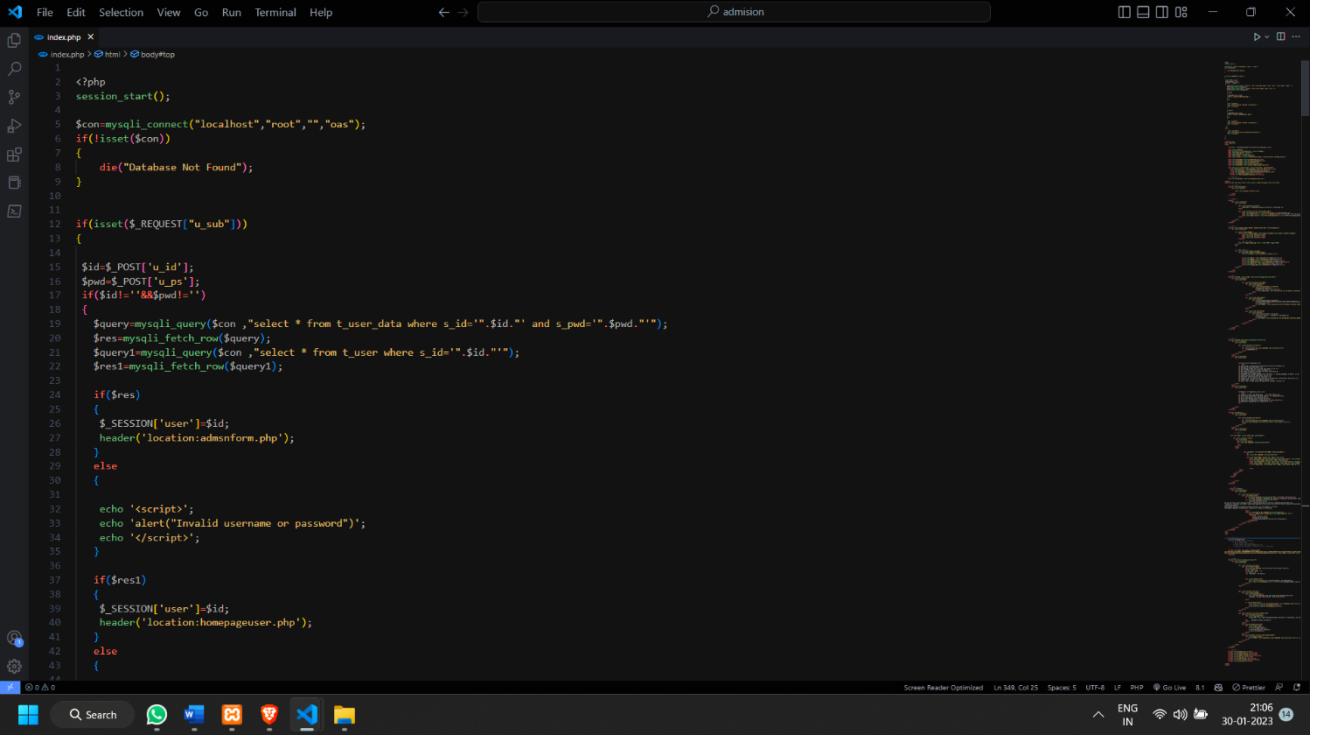
Update:

Update will help to edit the tables in the database. In this project, we have given update option for User table to update the attributes values.

Delete:

Delete will help us to delete a tuple or row from the table. In this project we have delete option for table to delete the particular row from that table. We have deleted operation for all tables which deletes particular tuple or row.

Home.php or Index.php :

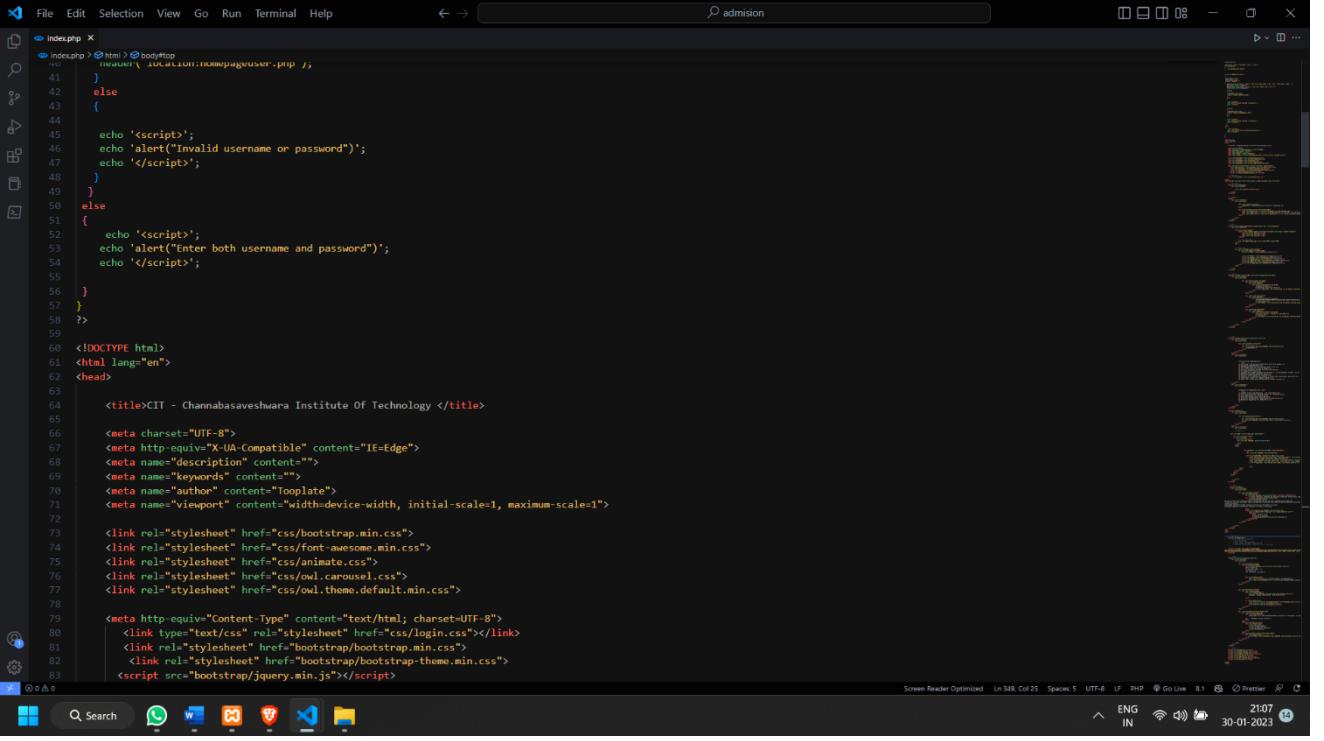


A screenshot of a code editor window titled "index.php". The code is a PHP script that connects to a MySQL database, checks user credentials, and sets session variables. It includes error handling for invalid inputs and successful logins.

```
File Edit Selection View Go Run Terminal Help ↵ → admission
```

```
index.php x index.php > HTML > body>top
1 <?php
2 session_start();
3
4 $con=mysqli_connect("localhost","root","","oas");
5 if(!isset($con))
6 {
7     die("Database Not Found");
8 }
9
10
11 if(isset($_REQUEST["u_sub"]))
12 {
13
14 $id=$_POST['u_id'];
15 $pwd=$_POST['u_ps'];
16 if($id==''&$pwd=='')
17 {
18     $query=mysqli_query($con , "select * from t_user_data where s_id='".$id."' and s_pwd='".$pwd."'");
19     $res=mysqli_fetch_row($query);
20     $query1=mysqli_query($con , "select * from t_user where s_id='".$id."' ");
21     $res1=mysqli_fetch_row($query1);
22
23     if($res)
24     (
25         $_SESSION['user']=$id;
26         header('location:admsnform.php');
27     )
28     else
29     {
30
31         echo '<script>';
32         echo 'alert("Invalid username or password")';
33         echo '</script>';
34     }
35
36     if($res1)
37     {
38         $_SESSION['user']=$id;
39         header('location:homepageuser.php');
40     }
41     else
42     {
43
44         echo '<script>';
45         echo 'alert("Enter both username and password")';
46         echo '</script>';
47     }
48 }
49 else
50 {
51
52     echo '<script>';
53     echo 'alert("Enter both username and password")';
54     echo '</script>';
55 }
56 }
57 ?>
58
59 <!DOCTYPE html>
60 <html lang="en">
61 <head>
62
63     <title>CIT - Channabasaveshwara Institute Of Technology </title>
64
65     <meta charset="UTF-8">
66     <meta http-equiv="X-UA-Compatible" content="IE=Edge">
67     <meta name="description" content="">
68     <meta name="keywords" content="">
69     <meta name="author" content="Tooplate">
70     <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1">
71
72     <link rel="stylesheet" href="css/bootstrap.min.css">
73     <link rel="stylesheet" href="css/font-awesome.min.css">
74     <link rel="stylesheet" href="css/animate.css">
75     <link rel="stylesheet" href="css/owl.carousel.css">
76     <link rel="stylesheet" href="css/owl.theme.default.min.css">
77
78     <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
79     <link type="text/css" rel="stylesheet" href="css/login.css"></link>
80     <link rel="stylesheet" href="bootstrap/bootstrap.min.css">
81     <link rel="stylesheet" href="bootstrap/bootstrap-theme.min.css">
82
83     <script src="bootstrap/jquery.min.js"></script>
```

Screen Reader Optimized Ln 340 Col 25 Spaces 5 UTF-8 LF PHP Go Live 8.1 Pretert ENG IN 21:06 30-01-2023



A screenshot of a code editor window titled "index.php". The code is a PHP script that handles user login. It includes conditional logic to check for empty fields and invalid credentials, and it sets session variables for successful logins.

```
File Edit Selection View Go Run Terminal Help ↵ → admission
```

```
index.php x index.php > HTML > body>top
1 header(' location:homepageuser.php ');
2
3 else
4 {
5
6     echo '<script>';
7     echo 'alert("Invalid username or password")';
8     echo '</script>';
9 }
10
11 else
12 {
13
14     echo '<script>';
15     echo 'alert("Enter both username and password")';
16     echo '</script>';
17 }
18
19 ?>
20
21 <!DOCTYPE html>
22 <html lang="en">
23 <head>
24
25     <title>CIT - Channabasaveshwara Institute Of Technology </title>
26
27     <meta charset="UTF-8">
28     <meta http-equiv="X-UA-Compatible" content="IE=Edge">
29     <meta name="description" content="">
30     <meta name="keywords" content="">
31     <meta name="author" content="Tooplate">
32     <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1">
33
34     <link rel="stylesheet" href="css/bootstrap.min.css">
35     <link rel="stylesheet" href="css/font-awesome.min.css">
36     <link rel="stylesheet" href="css/animate.css">
37     <link rel="stylesheet" href="css/owl.carousel.css">
38     <link rel="stylesheet" href="css/owl.theme.default.min.css">
39
40     <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
41     <link type="text/css" rel="stylesheet" href="css/login.css"></link>
42     <link rel="stylesheet" href="bootstrap/bootstrap.min.css">
43     <link rel="stylesheet" href="bootstrap/bootstrap-theme.min.css">
44
45     <script src="bootstrap/jquery.min.js"></script>
```

Screen Reader Optimized Ln 340 Col 25 Spaces 5 UTF-8 LF PHP Go Live 8.1 Pretert ENG IN 21:07 30-01-2023

```
File Edit Selection View Go Run Terminal Help ↵ → ⌂ admission

index.php X
index.php > html > body#top
80   <link type="text/css" rel="stylesheet" href="css/login.css"></link>
81   <link rel="stylesheet" href="bootstrap/bootstrap.min.css">
82   <link rel="stylesheet" href="bootstrap/bootstrap-theme.min.css">
83   <script src="bootstrap/jquery.min.js"></script>
84   <script src="bootstrap/bootstrap.min.js"></script>
85
86   <!-- MAIN CSS -->
87   <link rel="stylesheet" href="css/toplate-style.css">
88
89 </head>
90 <body id="top" data-spy="scroll" data-target=".navbar-collapse" data-offset="50">
91
92   <!-- PRE LOADER -->
93   <section class="preloader">
94     <div class="spinner">
95       <span class="spinner-rotate"></span>
96     </div>
97   </section>
98
99   <!-- HEADER -->
100  <header>
101    <div class="container">
102      <div class="row">
103        <div class="col-md-4 col-sm-5">
104          <p>Welcome to Channabasaveshwara Institute Of Technology </p>
105        </div>
106
107        <div class="col-md-8 col-sm-7 text-align-right">
108          <span class="phone-icon"><i class="fa fa-phone"></i> 0816-4021402</span>
109          <span class="date-icon"><i class="fa fa-calendar-plus-o"></i> 9:00 AM - 5:00 PM (Mon-Fri)</span>
110          <span class="email-icon"><i class="fa fa-envelope-o"></i> <a href="#">principal@cittumkur.org</a></span>
111        </div>
112
113      </div>
114    </div>
115  </header>
116
117  <!-- MENU -->
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164

Screen Reader Optimized Ln 349 Col 25 Spaces 5 UTF-8 LF PHP Go Live 8.1 Prettier
ENG IN 21:07 30-01-2023
```

```
File Edit Selection View Go Run Terminal Help ↵ → ⌂ admission

index.php X
index.php > html > body#top
122   <!-- MENU -->
123   <section class="navbar navbar-default navbar-static-top" role="navigation">
124     <div class="container">
125
126       <div class="navbar-header">
127         <button class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">
128           <span class="icon icon-bar"></span>
129           <span class="icon icon-bar"></span>
130           <span class="icon icon-bar"></span>
131         </button>
132
133       <!-- LOGO TEXT HERE -->
134       
135     </div>
136     <p>
137
138       <!-- MENU LINKS -->
139       <div class="collapse navbar-collapse">
140         <ul class="nav navbar-nav navbar-right">
141           <li><a href="#top" class="smoothScroll">Home</a></li>
142
143           <li><a href="#news" class="smoothScroll">Admission</a></li>
144           <li><a href="#about" class="smoothScroll">About Us</a></li>
145           <li><a href="#google-map" class="smoothScroll">Contact</a></li>
146           <li><a href="adminlogin.php" class="smoothScroll">Admin Login</a></li>
147           <li><a href="#sign_in" class="smoothScroll">Sign in</a></li>
148           <li><a href="signup.php" class="smoothScroll">Register</a></li>
149         </ul>
150       </div>
151     </div>
152   </section>
153
154   <!-- HOME -->
155   <section id="home" class="slider" data-stellar-background-ratio="0.5">
156     <div class="container">
157       <div class="row">
158         <div class="owl-carousel owl-theme">
159           <div class="item item-first">
```

File Edit Selection View Go Run Terminal Help

admission

```
index.php X
161     <div class="row">
162         <div class="owl-carousel owl-theme">
163             <div class="item item-first">
164                 <div class="caption">
165                     <div class="col-md-offset-1 col-md-10">
166                         <h3>Admission 2023</h3>
167                         <h1>Build Your Career Your Self</h1>
168                         <a href="signup.php" class="section-btn btn btn-default smoothScroll">Register</a>
169                     </div>
170                 </div>
171             </div>
172             <div class="item item-second">
173                 <div class="caption">
174                     <div class="col-md-offset-1 col-md-10">
175                         <h3>AUDITORIUM|CANTEEN|COMPUTER-CENTRE|LAWN|LIBRARY|SEMINAR|HALLS</h3>
176                         <h1> Facilities </h1>
177                         <a href="#about" class="section-btn btn btn-default btn-gray smoothScroll">More About Us</a>
178                     </div>
179                 </div>
180             </div>
181             <div class="item item-third">
182                 <div class="caption">
183                     <div class="col-md-offset-1 col-md-10">
184                         <h3>Central Library - A Bouquet Of Knowledge</h3>
185                         <h1>Library</h1>
186                         <a href="#news" class="section-btn btn btn-default btn-blue smoothScroll">Admission</a>
187                     </div>
188                 </div>
189             </div>
190         </div>
191     </div>
192 </div>
193 </div>
194 </div>
195 </div>
196 </div>
197 </div>
198 </div>
199 </div>
200 </div>
201 </div>
202 </div>
203 </div>
204 </div>
```

Screen Reader Optimized Ln 348 Col 25 Spaces 5 UTF-8 LF PHP Go Live 8.1 Preview

21:07 30-01-2023

File Edit Selection View Go Run Terminal Help

admission

```
index.php X
203     <!-- NEWS -->
204     <section id="news" data-stellar-background-ratio="2.5">
205         <div class="container">
206             <div class="row">
207                 <div class="col-md-12 col-sm-12">
208                     <!-- SECTION TITLE -->
209                     <div class="section-title wow fadeInUp" data-wow-delay="0.1s">
210                         <h2>ADMISSION</h2>
211                     </div>
212                 </div>
213             </div>
214         </div>
215     </div>
216     <div class="container">
217         <div class="row">
218             <div class="col-md-12 col-sm-12">
219                 <h3>The Institute Highlights</h3>
220                 <br>
221                 <p>Affiliated to Visvesvaraya Technological University Belgaum.</p>
222                 <p>Approved By AITCE, New Delhi.</p>
223                 <p>Accredited By NAAC with B+ Grade with CGPA of 2.53.</p>
224                 <p>Over 10,000 successful Alumni worldwide.</p>
225                 <p>Excellent placements and 100% internship assistance</p>
226                 <p>for Academic Year 2021 22</p>
227                 <p>Placement with highest package of Rs 10 Lakh P. A. and avg package 3.2 Lakh P. A.</p>
228                 <p>Highly Qualified and Experienced Faculty.</p>
229                 <p>Excellent infrastructure and facilities.</p>
230                 <p>Toppers with 9.8 CGPA and rank holders in Visvesvaraya technological University.</p>
231                 <p>Scholarship / Awards for eligible students.</p>
232                 <p>Rated 'AAA' College Among the Engineering Colleges in India.</p>
233             </div>
234         </div>
235     </div>
236     <div class="container">
237         <div class="row">
238             <div class="col-md-12 col-sm-12">
239                 <h3>Bachelor of Engineering (B.E.)</h3>
240                 <br>
241                 <p>Computer Science and Engineering <b> intake 150</b></p>
242                 <p>Artificial Intelligence and Data Science <b> intake 80</b></p>
243             </div>
244         </div>
245     </div>
246 </div>
```

Screen Reader Optimized Ln 348 Col 25 Spaces 5 UTF-8 LF PHP Go Live 8.1 Preview

21:07 30-01-2023

```
File Edit Selection View Go Run Terminal Help ⏪ ⏪ admission
index.php x
index.php > html > body>top
    

### Bachelor of Engineering (B.E.)



---



Computer Science and Engineering intake 150



Artificial Intelligence and Data Science intake 80



Civil Engineering intake 80



Electrical Engineeringintake 80



Electronics & Communication Engineeringintake 130



Mechanical Engineering intake 80


```

The screenshot shows a code editor with a dark theme. The left sidebar contains navigation icons for file operations, search, and project structure. The main area displays a PHP file named 'index.php' with the following content:

```
File Edit Selection View Go Run Terminal Help ⏴ admision
```

```
index.php X
index.php > HTML > body>top
282     </div>
283     </div>
284     </div>
285
286     <div id="dmain" style="margin-left:600px; margin-top:30px;">
287         <br>
288         <div class="wow fadeInUp" data-wow-delay="1s">
289             <h4 style="width:300px; margin-left: 66px;">Log in</h4>
290             <input type="text" id="u_id" name="u_id" class="form-control" style="width:300px; margin-left: 66px;" placeholder="Enter Your User ID"><br>
291             <h4 style="width:300px; margin-left: 66px;">Password</h4>
292             <input type="password" id="u_ps" name="u_ps" class="form-control" style="width:300px; margin-left: 66px;" placeholder="Enter Your Password"><br>
293             <input type="submit" id="u_sub" name="u_sub" value="Sign in" class="toggle btn btn-primary" style="width:100px; margin-left: 160px;"><br>
294             <a href="signup.php" style="margin-left: 180px; color:black;">Sign Up </a>
295
296         </div>
297     </div>
298
299     </div>
300     </div>
301     </div>
302     </div>
303     </div>
304     </div>
305     </div>
306
307     </div>
308     </div>
309     </div>
310 </section>
311
312
313 <!-- ABOUT -->
314 <section id="about">
315     <div class="container">
316         <div class="row">
317
318             <div class="col-md-6 col-sm-6">
319                 <div class="about-info">
320                     <h2 class="wow fadeInUp" data-wow-delay="0.6s"> <p><h2>Our Vision</h2></p>
321                     To create technically competent and ethically responsible professionals capable of providing efficient solutions to the contemporary world.<h2>
322                     <div class="wow fadeInUp" data-wow-delay="0.8s">
323                         <p><h2>Our Mission</h2></p>
324
325 We aim to excel in our continual efforts, towards being one of the most recognized institutions, by:
```

```
File Edit Selection View Go Run Terminal Help ⌘ admision
index.php X
index.php > html > body>
321 To create technically competent and ethically responsible professionals capable of providing efficient solutions to the contemporary world.</h2>
322 <div class="wow fadeInUp" data-wow-delay="0.8s">
323 <p><b>Our Mission</b></p>
324 We aim to excel in our continual efforts, towards being one of the most recognized institutions, by:
325 Providing a conducive environment comprising high-end infrastructure and state-of-the-art laboratory facilities wherein the students, faculty and staff can collectively enhance their
technical potential.
326 Encouraging innovation through research activities for the benefit of society.
327 Developing competent professionals responsive to change in technology.
328
329
330 <div>
331 <figure class="profile wow fadeInUp" data-wow-delay="1s">
332 
333 <figcaption>
334 <h3>Dr. Suresh D.S</h3>
335 <p>Director & Principal,
336 <br>Channabasaveshwara Institute Of Technology</p>
337 </figcaption>
338 </figure>
339 </div>
340
341 </div>
342 </div>
343 </section>
344 <br>
345 <br>
346 <br>
347
348
349 <!-- GOOGLE MAP -->
350 <section id="google-map">
351 <!-- How to change your own map point
352 1. Go to Google Maps
353 2. Click on your Location point
354 3. Click "Share" and choose "Embed map" tab
355 4. Copy only URL and paste it within the src="" field below
356 -->
357
358 <iframe src="https://www.google.com/maps/embed?
pb=!1m18!1m1!1d1882.574804939912d76.91988131356171d13.31448021086707312m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x3bb023f4f8236f973!3a0x92abe05ece4de712sChannabasaveshwara&2
0Institute&20Technology!5e0!3m2!1sen!2sin!4v164225370923615m2!1sen!2sin" width="2000" height="450" style="border:0;" allowfullscreen="" loading="lazy"></iframe>
</section>

```

Screen Reader Optimized Ln 340 Col 25 Spaces: 5 UTF-8 LF PHP Go Live 8.1 ⌘ Prettier ⌘

ENG IN 21:07 30-01-2023

```
File Edit Selection View Go Run Terminal Help ⌘ admision
index.php X
index.php > html > body>
360
361 <!-- FOOTER -->
362 <footer data-stellar-background-ratio="5">
363 <div class="container">
364 <div class="row">
365
366 <div class="col-md-4 col-sm-4">
367 <div class="footer-thumb">
368 <div class="wow fadeInUp" data-wow-delay="0.4s">Contact Info</h4>
369 <p>Our Contact:</p>
370 <p> N.H. 206, Gubbi, </p>
371 <p> Tumkur, </p>
372 <p> Karnataka - 572 216</p>
373
374
375
376
377 <div class="contact-info">
378 <p><i class="fa fa-phone"></i>+91-081-6421402, +91-9449637043</p>
379 <p><i class="fa fa-envelope-o"></i> <a href="#">principal@cittumkur.org</a></p>
380 </div>
381 </div>
382 </div>
383
384
385
386 <div class="col-md-4 col-sm-4">
387 <div class="footer-thumb">
388 <div class="opening-hours">
389 <h4 class="wow fadeInUp" data-wow-delay="0.4s">Opening Hours</h4>
390 <p>Monday - Friday <span>9:00 AM - 5:00 PM</span></p>
391 </div>
392 </div>
393 </div>
394 <div class="social-icon">
395 <ul>
396 <li><a href="#" class="fa fa-facebook-square" attr="facebook icon"></a></li>
397 <li><a href="#" class="fa fa-twitter" ></a></li>
398 <li><a href="#" class="fa fa-instagram" ></a></li>
399 </ul>
400 </div>
401 <div class="col-md-12 col-sm-12 border-top">
402 <div class="col-md-4 col-sm-6">

```

Screen Reader Optimized Ln 340 Col 25 Spaces: 5 UTF-8 LF PHP Go Live 8.1 ⌘ Prettier ⌘

ENG IN 21:07 30-01-2023

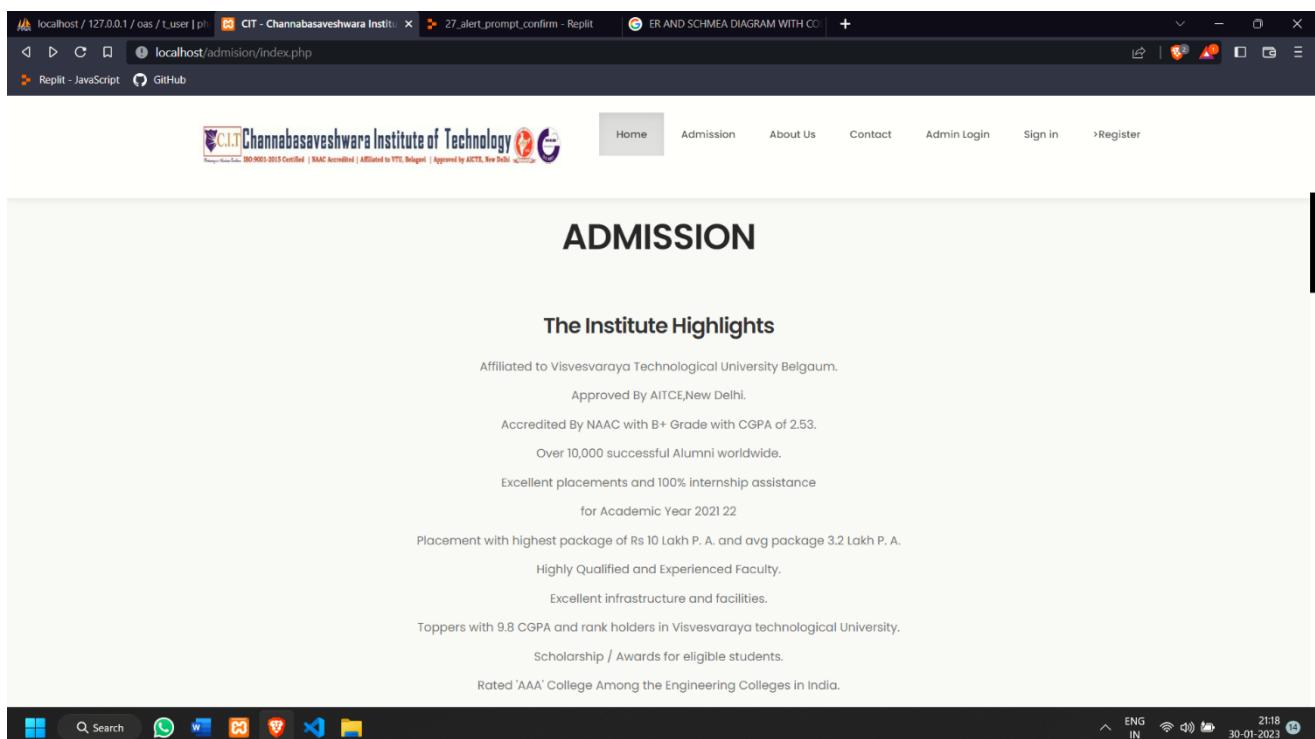
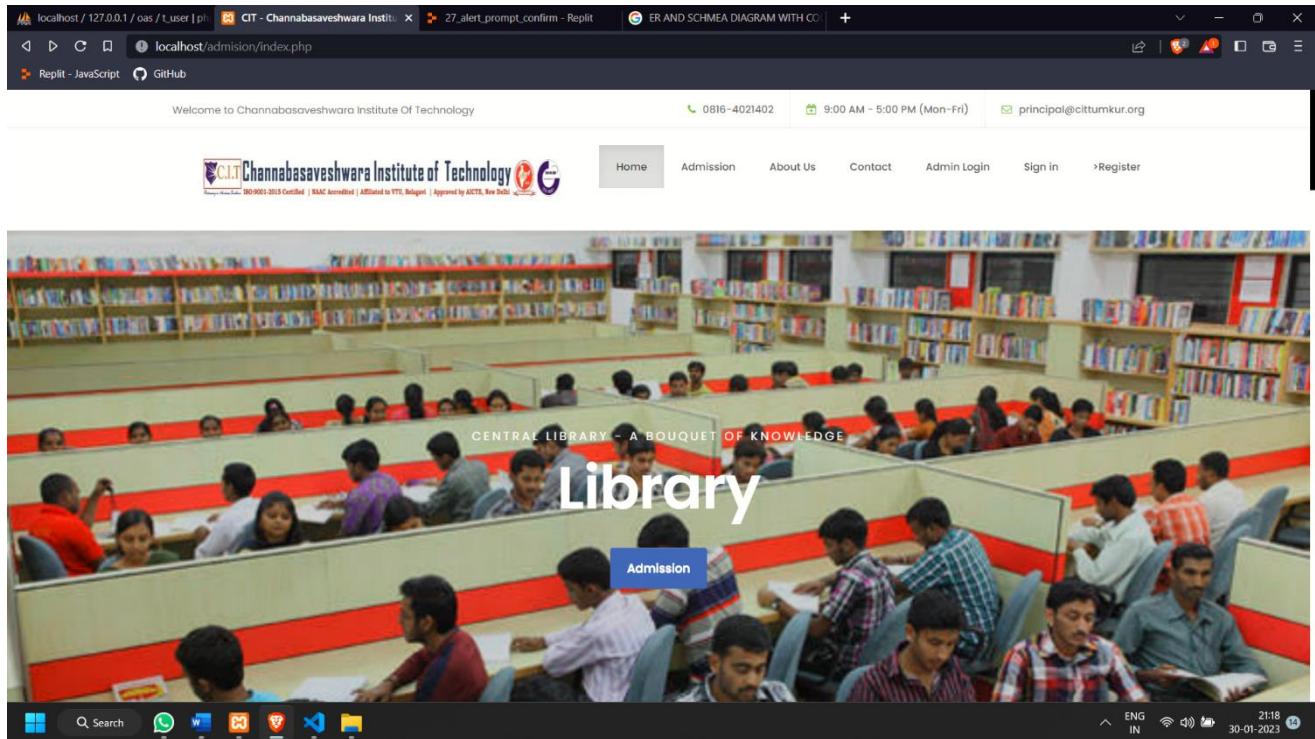
A screenshot of a code editor window displaying the `index.php` file. The code is written in HTML and includes CSS and JavaScript imports. The editor has a dark theme with syntax highlighting. The status bar at the bottom shows various system and application icons.

```
index.php X
File Edit Selection View Go Run Terminal Help ↶ ↷ ⌂ adision
402 <div class="col-md-12 col-sm-12 border-top">
403     <div class="col-md-4 col-sm-6">
404         <div class="copyright-text">
405             <p>Copyright &copy; 2023 Channabasaveshwara Institute of Technology. All Rights Reserved.
406         </div>
407         <div class="col-md-4 col-sm-6">
408             <div class="text-align-right">
409                 <div style="font-size: small; margin-bottom: 10px;">
410                     Designers: Holika & Tarun</div>
411                 <div style="font-size: small; margin-bottom: 10px;">
412                     <a href="#">Library</a>
413                     <a href="#">Departments</a>
414                     <a href="#">Insurance Policy</a>
415                     <a href="#">Careers</a>
416                 </div>
417             </div>
418             <div class="col-md-2 col-sm-2 text-align-center">
419                 <div class="angle-up-btn">
420                     <a href="#top" class="smoothScroll wow fadeInUp" data-wow-delay="1.2s"><i class="fa fa-angle-up"></i></a>
421                 </div>
422             </div>
423         </div>
424     </div>
425 </div>
426 </div>
427 </div>
428
429 <!-- SCRIPTS -->
430 <script src="js/jquery.js"></script>
431 <script src="js/bootstrap.min.js"></script>
432 <script src="js/jquery.sticky.js"></script>
433 <script src="js/jquery.stellar.min.js"></script>
434 <script src="js/wow.min.js"></script>
435 <script src="js/smoothscroll.js"></script>
436 <script src="js/owl.carousel.min.js"></script>
437 <script src="js/custom.js"></script>
438
439 </body>
440 </html>
```

CHAPTER 6

SAMPLE OUTPUT

SCREENSHOTS :



Bachelor of Engineering (B.E.)

Computer Science and Engineering intake 150
Artificial Intelligence and Data Science intake 80
Civil Engineering intake 80
Electrical Engineering intake 80
Electronics & Communication Engineering intake 130
Mechanical Engineering intake 80

Sign In

Log in

Enter Your User ID

Enter Your Password

Sign In

Sign Up

The screenshot shows the homepage of the Channabasaveshwara Institute of Technology (CIT) website. The header features the CIT logo and navigation links for Home, Admission, About Us, Contact, Admin Login, Sign in, and Register. A banner at the top has a pink and orange gradient background with floating lanterns and petals. Below the banner, there are two main sections: 'Our Vision' and 'Our Mission'. The 'Our Vision' section includes a quote: 'To create technically competent and ethically responsible professionals capable of providing efficient solutions to the contemporary world.' The 'Our Mission' section includes a quote: 'We aim to excel in our continual efforts, towards being one of the most recognized institutions, by: Providing a conducive environment comprising high-end infrastructure and state-of-the-art laboratory facilities wherein the students, faculty and staff can collectively enhance their technical potential. Encouraging innovation through research activities for the benefit of society. Developing competent professionals responsive to change in technology.' To the left of the text, there is a small portrait of Dr. Suresh D.S. and a stack of books. On the right, there is a stylized illustration of an open book and a city skyline. The footer contains a Windows taskbar with various icons and a system tray showing the date and time (30-01-2023, 21:18).

The screenshot shows a map of the Channabasaveshwara Institute of Technology campus area. The map is centered on the institute's location, which is marked with a red pin. Other nearby landmarks are shown, including Government Primary School, Royal Mechanical Block, CIT Public School, Mangalore-Villupuram Rd, Rudreshwara Indane enterprises, Shree Hotel, Annapurneshwari Hotel, Nandini High Tech Milk Parlour, Herur Farm, MRPL HIQ Petrol Pump, Bhoomi Public School, BALAJI CONVENTION HALL, and Government Girls' Higher Secondary School. A callout box on the map provides details about the institute: 'Channabasaveshwara Institute of Technology, Channabasaveshwara Institute of Technology, NH 206, Gubbi, Tumkur, Karnataka 572216. 3.7 ★★★★★ 476 reviews. View larger map'.

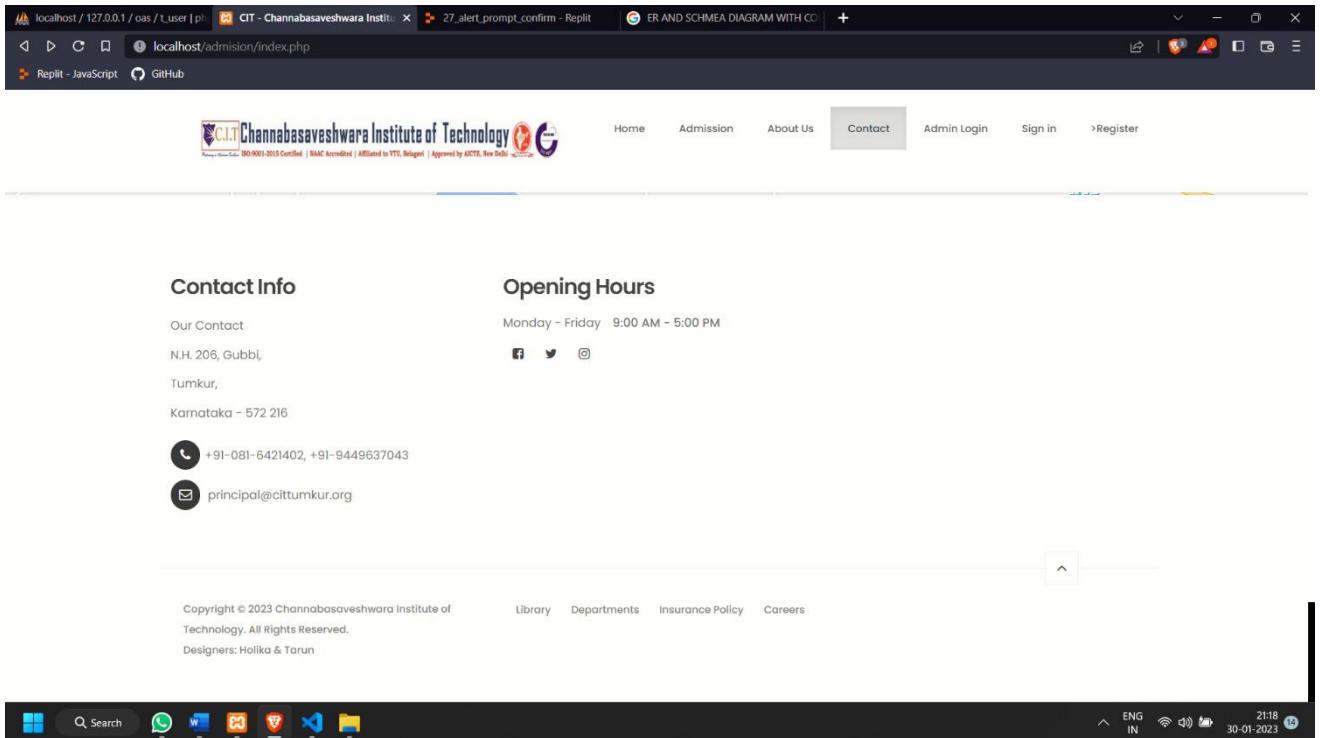


Fig 12: HOME page or Student login page

Home page which can be also called as Student login page which gives the path. Login page is the web page/entry page that requires student identification and authentication, regularly performed by entering User ID and Password combination. This Login provides access for only for Students. Without logging in the students cannot access or modify their information.

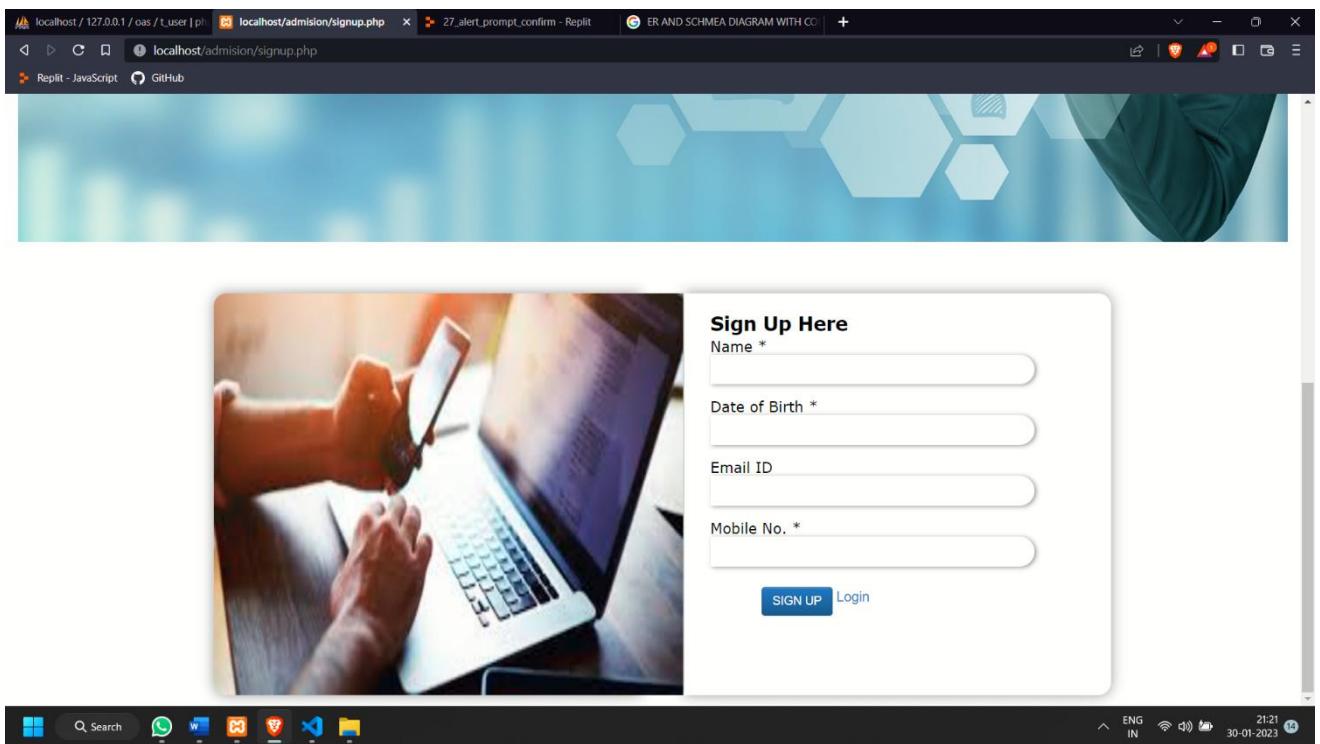


Fig 13: Register page

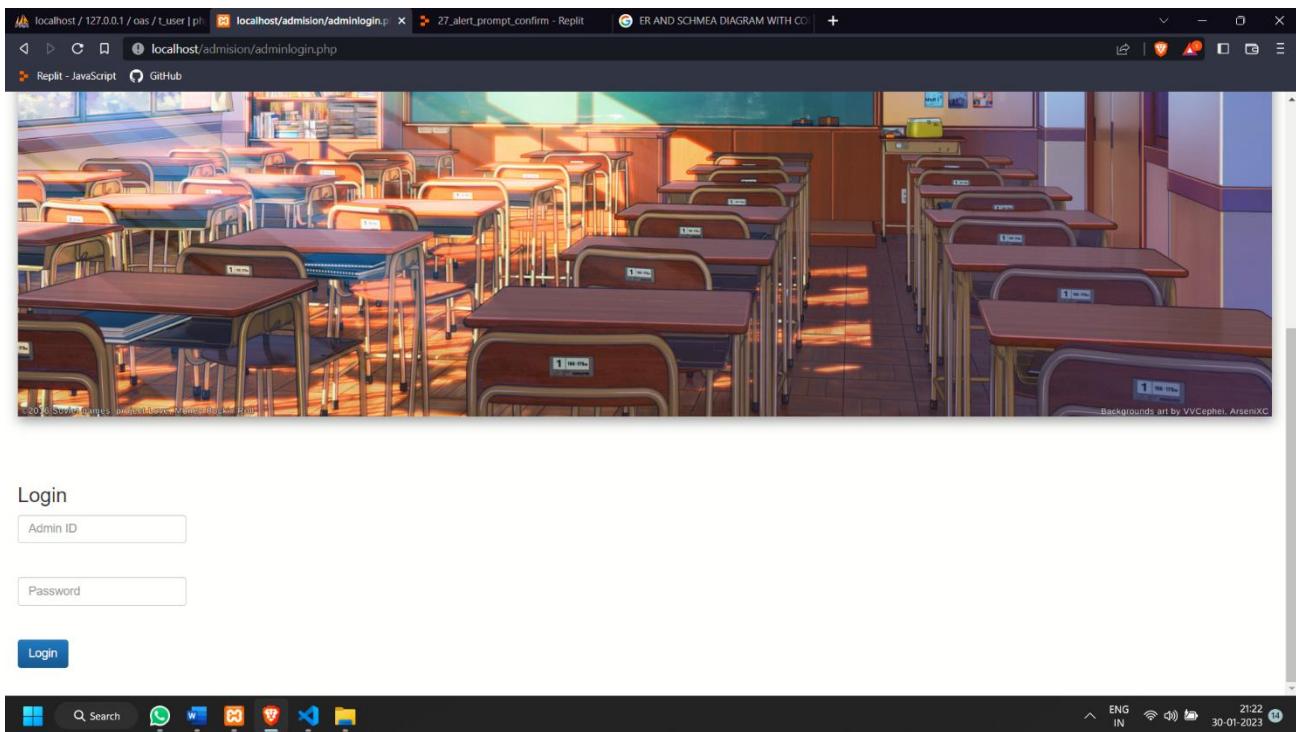


Fig 14: Admin login

Admin Login page is the web page/entry page that requires Admin identification and authentication, performed by entering Admin ID and Password combination. This Login provides access for only for admin. Without logging, the admin cannot access or modify the information.

Welcome, admin		Administration Cell					
ID	NAME	DATE OF BIRTH	EMAIL ID	CONTACT NO.	SIGNUP DATE		
CUTM0003	Archana Kumari	2015-09-08	archanajsr2310@gmail.com	1234567890	2015-09-30 14:43:31.000000	<button>Card</button>	✓ ✘
CUTM0008	Ankita Saigal	2015-10-15	ankitabargarh@gmail.com	6884280078	2015-10-08 19:15:11.000000	<button>Card</button>	✓ ✘
CUTM0012	tarun	0000-00-00	tarunahuli123@gmail.com	7090730833	2023-01-29 18:15:00.000000	<button>Card</button>	✓ ✘
CUTM0013	XXX	0000-00-00	XXX@gmail.com	1234567890	2023-01-30 17:53:34.000000	<button>Card</button>	✓ ✘

Fig 15: Admin page

CONCLUSION

Implementing the Online Student Admission System, the admission procedure has been simplified. Previously student had to go door to door in order to get the documents acknowledged from the concerned colleges whereas the currently developed system offers an efficient way to perform these operations. The students can access the registration portal online either from a computer or a smart phone, and fill the necessary information and submit it for further approval. This web application provides us with ease of access, user friendliness and transparency. On the other hand, from organizations viewpoint, it helps in maintaining transparency, data consistency, data accessibility and easy maintenance.

Implementation of the proposed system will reduce the workload of all those involved as the data can be now managed with proper authentication and authorizations instead of being hard copied and accessible to everyone. This system will largely save the precious time of Deans, Advisors and Accounts Officers, Instead of explicitly signing every document; they just have to acknowledge entries online with the click of a mouse. All the technologies i.e. PHP, Apache and MySQL used for current system design are open source and hence freely available for download. PHP provides a strong platform for creating the visual front-end of the web application and PHP combined with HTML provides a very flexible development environment. For the purpose of fulfilling Web Server requirements XAMPP was used, which is again Open Source and is supported across multiple platforms. In order to maintain visual consistency jQuery was used for simpler implementation of certain features. For constant testing, analysis and execution needs, Brave and Google Chrome web-browsers were used. With a combination of all these technologies we were able to create a web application environment that is efficient and consistent enough.

The primary objective of our research and development was to automate student admission procedure. It has been achieved successfully and the system is tested to be working efficiently. The student enters his/her information during the beginning of their academic or the graduation period, the system verifies the data entered, compares it to its own requirements and forwards it to the concerned account section. After getting the nod from the account section and respective officials, the registration form is submitted to the administrative staff of the college or university for further necessary action at their end.

Online application of the whole system helps easy access to the system anywhere. Physical presence of the student is not required. The time taken for process completion is now largely reduced. After registration the database is automatically updated at the end of process completion removing the hassle for department officials who had to enter the data manually. As the database is managed through MySQL, data duplication is eliminated and thereby reducing chances of error. Also data can be easily retrieved, edited and printed whenever required. Authentication based access proves to be more secure than manual system. The data is maintained on a central server and is distributed among different departments as per requirement and copies of this database are maintained on backup servers. Also, database access is authorised and cannot be viewed or edited by unauthorised personnel. So, this automated and computerised system is safe, fast and user friendly.

Chapter 8

BIBLIOGRAPHY

- Fundamentals of Database Systems, Ramez Elmasri and Shamkant B. Navathe, 7th Edition, 2017, Pearson.
- Database management systems, Ramakrishnan, and Gehrke, 3rd Edition, 2014, McGraw Hill.
- SilberschatzKorth and Sudharshan, Database System Concepts, 6th Edition, McGrawHill, 2013.
- https://www.w3schools.com/html/html_css.asp
- https://www.w3schools.com/php/php_mysql_connect.asp
- https://www.w3schools.com/php/php_ref mysqli.asp