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## **ABSTRACT**

Online course registration system will help the student to gather information about a particular course and then they can easily register them self in a particular course. The management of the institution can easily see the records of the student and course and Fees. This project work is about the analysis of on line course registration system. Diagram purpose is to present system clearly and completely as possible

ONLINE STUDENT TEST is a project developed to provide an easy way to develop a student's skills. This project helps users by analysing the areas where students are weak and allows tests accordingly.

On-line Exam System is very much important for any Educational Organizations to prepare their students for any exams by saving the time. It will check the paper and generate mark sheets as well. It will also help the Organization to test the students and develop their skills. But the disadvantages for this system are, it takes a lot of time when you prepare for the exam at the first time for usage.

The effective use of "On-line Exam System" , any Educational Institute or training centres can use it to develop their strategy for arranging the exams, and for getting better results in less time.

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## **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 course registration 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. We have sought help from computer programming for automation of manual registration 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 Course Registration System is Web-based registration software that helps you to register courses online. It is ideal for adult schools, educational camps, corporate training programs, and online training programs. It also provides time to time current status information related to courses. It can help for the student need to register by giving necessary details, for the desired course. In Online Course Registration we use PHP and MySQL database. It is web-based registration software that helps you to register courses online. Hence, in current scenario, automated system is required for course registration of students.

### **. 1.2 PURPOSE**

The purpose of project is to build an application program to reduce manual work for managing the course through internet. This application has good appearance and easy to operate. It is very simple and easy to access. This project provides lots of features to manage in very well manner. This project contains advance modules which make the backend system very powerful

### 1.3 OBJECTIVES

The current project aims at reducing the workload all the entities involved in the registration procedure for the students. The project objective will be focused on developing an online course registration to ensure the effectiveness of the flow of registration. Moreover the system will offer a complete management system that integrated with the online course registration to help the stakeholder for maintaining the flow process of the course. The registration process can be done online without the need of paperwork anymore. It is also help the student to get more information about the course process while they enrolled.

The objectives of this proposed web application system are:

- To computerize student and faculty database.
- To maintain data consistency and integrity.
- Allowing faculty to acknowledge registration requests from anywhere. With the requirement of registration process for every course, it becomes all the more important to simplify a process which is highly repetitive. The achievement of the above objectives can help in managing the resources efficiently. The automated process will lead to time saving and eradication of common errors.

### 1.4 PROJECT SCOPE

Without an Online Student Registration System, managing and maintaining the details of the student is a tedious job for any organization. Student online registration system will store all the details of the students including their background information.

**Admin Module:** The Administrator for the system will be divided to several privileges on how they can use the system. Administrator for example, have all the privileges such as adding instructor, adding courses, update information, adding downloadable material, registration module, etc., but Instructor only have several privileges on what they can do and not do in the Online course registration and management system.

**Student Module:** Student will get a more accessible way in order to register and booked the seat for the courses. They also can get updates from administrator keep track on the progress of the course.

## **1.5 OVERVIEW**

The purpose this document is to present a detailed description of the Online Course Registration System. It will explain the purpose and features of the software , the interfaces of the software, what the software will do, the constraints under which it must operates and how the software will react to external stimuli. This document is intended for both the end users and the developers of the software.

Specific design and implementation details will be specified in a future document. The course registration system has to handle records for many students and maintenance was difficult. Though it has used an information system, it was totally manual. Hence there is a need to upgrade the system with a computer based information system which is Online Course Registration System.

## **CHAPTER 2**

### **LITERATURE SURVEY**

#### **2.1 PROBLEM STATEMENT**

The purpose of project is to build an application program to reduce manual work for managing the course through internet. This application has good appearance and easy to operate. It is very simple and easy to access. This project provides lots of features to manage in very well manner. This project contains advance modules which make the backend system very powerful.



## **CHAPTER 3**

### **SYSTEM REQUIREMENTS AND SPECIFICATIONS**

#### **3.1 SYSTEM REQUIREMENT:**

- |                     |   |                   |
|---------------------|---|-------------------|
| 1. Operating system | : | windows 7,8,10    |
| 2. Front end        | : | PHP,HTML,CSS      |
| 3. Back end         | : | ORACLE(MYSQL)     |
| 4. Web server       | : | XAMPP Contolpanel |

#### **3.2 HARDWARE REQUIREMENT:**

- |                 |   |   |
|-----------------|---|---|
| 1. Processor    | : | intel processor above 500Mhz                          |
| 2. Ram          | : | 4GB or more   |
| 3. Input device | : | standard keyboards(108keys) and mouse<br>(compatible) |
| 4. Out device   | : | high resolution monitor                               |

## CHAPTER 4

### DESIGN AND METHODOLOGY

#### 4.1 CONCEPTUAL DATABASE DESIGN

ER Diagram: The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity Relationship diagram which is used to visually represent data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design for the database designer, the utility of the ER model is:

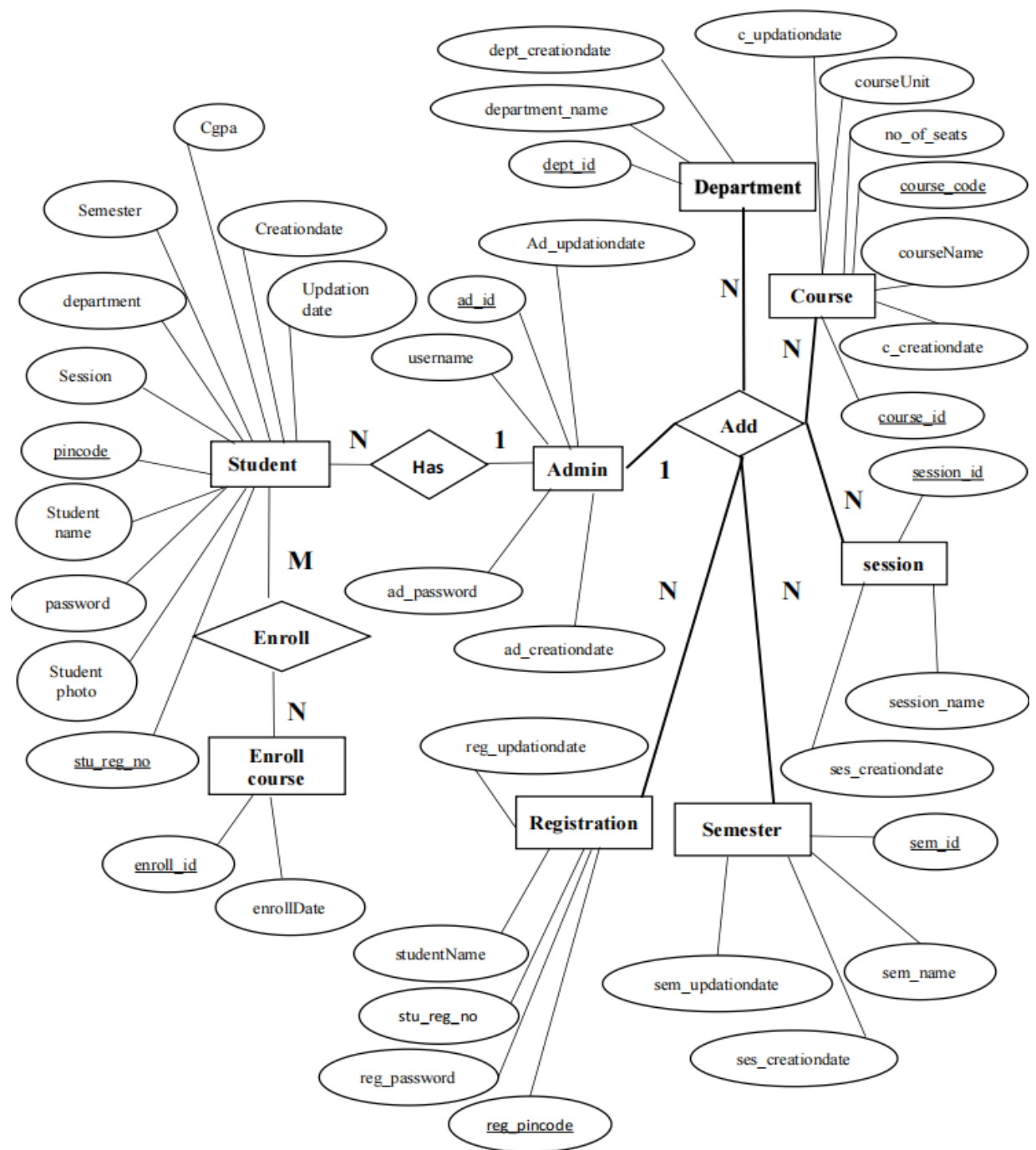
- It maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.
- It is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.
- In addition, the model can be used as a design plan by the database developer to implement a data model in specific database management software.

##### **ER Notation:**

There is no standard for representing data objects in ER diagrams. Each modelling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by nonacademics. Today, there are a number of notations used; among the more common are Bachman, crow's foot, and IDEFIX.

All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. Each style uses a special set of symbols to represent the cardinality of a connection.

## E R DIAGRAM



## 4.2 LOGICAL DATABASE DESIGNER(ER MAPPING)

Relational mapping :

Course enrolls:

En_id	SRegNo	Ses_id	Dep_id	Sem_id	C_id	En_Date
-------	--------	--------	--------	--------	------	---------

Students:

SResgNo	Sphoto	Password	SName	Pincode	Cgpa	C_Date	Up_date
---------	--------	----------	-------	---------	------	--------	---------

Session:

Ses_id	Ses_name	Ses_C_Date
--------	----------	------------

Department:

Dep_id	D_name	D_C_date
--------	--------	----------

Semester :

Sem_id	Sem_name	Sem_C_date	Sem_Up_date
--------	----------	------------	-------------

Course:

C_id	CourseCode	CourseName	courseUnit	noOfSeats	C_C_date	C_up_date
------	------------	------------	------------	-----------	----------	-----------

Admin:

A_id	A_username	A_password	A_C_date	A_up_date
------	------------	------------	----------	-----------

### 3.2 CONNECTIVITY

Steps:

- Create MySQL Database at the localhost.
- Create a database called “OnlineCourse”
- Add all the tables along with the attributes to this database.
- Create a folder in htdocs included in the xampp folder.
- Create a PHP file and add a database connection in the PHP file.
- Run

The below is an example how we connect the PHP file to MySQL Database:

```
<?php
define('DB_SERVER','localhost');
define('DB_USER','root');
define('DB_PASS','');
define('DB_NAME','onlinecourse');
$con = mysqli_connect(DB_SERVER,DB_USER,DB_PASS,DB_NAME);
// Check connection
if (mysqli_connect_errno())
{
echo "Failed to connect to MySQL: " . mysqli_connect_error();
}
?>
```

## **CHAPTER 5**

### **IMPLEMENTATION**

#### **MAJOR MODULES**

##### **5.1 Modules that can be accesses by admin only:**

###### **5.1.1 Course:**

An admin can add a course or delete a course based on the requirements.

###### **5.1.2 Semester:**

An admin can add the semester and can also delete a semester based on the requirement.

###### **5.1.3 Session:**

An admin can add the session and can also delete a session based on the requirement.

###### **5.1.4 Department:**

An admin can add a department if he wants to create course regarding that particular department and can also delete the department if the particular department students would not be helped with the courses offered.

###### **5.1.5 Student Registration:**

An admin can register a student into the organization, so that the student can have access to the courses offered by the organization.

###### **5.1.6 Manage Students:**

An admin has the privilege to manage the students in his organization as it allows him to add or delete the students in the organization.

###### **5.1.7 Enroll history:**

An admin can view the enroll history for his courses and also print the enrollments.

###### **5.1.8 User log:**

An admin can keep track of a student's activities as he has the privilege to view the latest student logs.

---

## **5.2 Modules that can be accessed by student only:**

### **5.2.1 Course Enrollment:**

A student can enroll into any course after verifying his pin code.

### **5.2.2 Enroll history:**

A student can view all the courses that he has enrolled into and can also print the enrollment details.

### **5.2.3 Student Profile:**

A student can view his profile and update it if needed.

## **5.3 Modules that can be accessed by both admin and student:**

### **5.3.1 Login module:**

An admin and student can login using their username and password. After authorization, they will be navigated to the index page. They can have access to their respective modules as mentioned above.

### **5.3.2 Logout Module:**

A logout module simply logs a particular user out. So that their current session is ended and they have to login again in order to get authorized and be able to access their respective modules

## CHAPTER 6

### 6.1 CREATION OF TABLES

#### CREATION OF COURSE ENROLLS

```
Create table course enrolls( En_id number(6)
primary key,SRegNo varchar(13) not null,
Ses_id int not null,Dep_id int not null,
Sem_id int not null,
C_id int not null,En_date date);
```

#### CREATION OF STUDENTS TABLE

```
Create table Students( SRegNo varchar(13)
references course enrolls (SRegNo) on delete
cascade, Password varchar(15) not null,
SName varchar(15) not null, Pincode number(8)
Not null, Cgpa float(6) not null, Up_date date,
C_date date, primary key( SRegNo,Pincode));
```

#### CREATIOIN OF SESSION TABLE

```
Create table session ( Ses_id int references course
enrolls(ses_id) on delete cascade,Ses_name varchar(10)
not null, Ses_c_date date ,primary key(Ses_id));
```

#### CREATION OF DEPARTMENT TABLE

```
Create table department ( Dep_id int references course
Enrolls ( Dep_id) on delete cascade , D_name varchar(10)
Not null ,D_C_Date date ,primary key (Dep_id));
```

#### CREATION OF SEMESTER TABLE

```
Create table semester( Sem_id int references course
Enrolls ( Sem_id ) on delete cascade, Sem_name
varchar(10) not null , Sem_c_date date,
sem_UP_date date ,primary key(sem_id));
```



## CREATION OF COURSE TABLE

Create table course ( C\_id int references course  
enrolls(C\_id) On delete cascade, CourseCode  
varchar (10) not null, CourseName varchar(10)  
not null, CourseUnit int not null,  
No.of.seats int not null,C\_C\_DATE date,  
C\_up\_date date, primary key ( C\_ID));

## CREATION OF ADMIN TABLE

Create table admin( A\_id int not null,  
A\_username varchar(15) not null,  
A\_password carchar(15) not null,  
A\_C\_Date date, A\_up\_date date ,  
Primary key ( \_id));

## 6.2 PHP CODE:

Includes: In the “includes” folder we includes 4 files as follows:

The header.php code:

```
<?php
error_reporting(0);
?>
<!-- HEADER END-->
<div class="navbar navbar-inverse set-radius-zero">
<div class="container">
<div class="navbar-header">
<button type="button" class="navbar-toggle" data-toggle="collapse"
datatarget=".navbar-collapse">
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="#" style="color:#fff; font-size:24px;4px;
lineheight:24px; "> Online Course Registration </a> </div>
<div class="left-div">
<i class="fa fa-user-plus login-icon" ></i>
</div> </div>
</div>
```

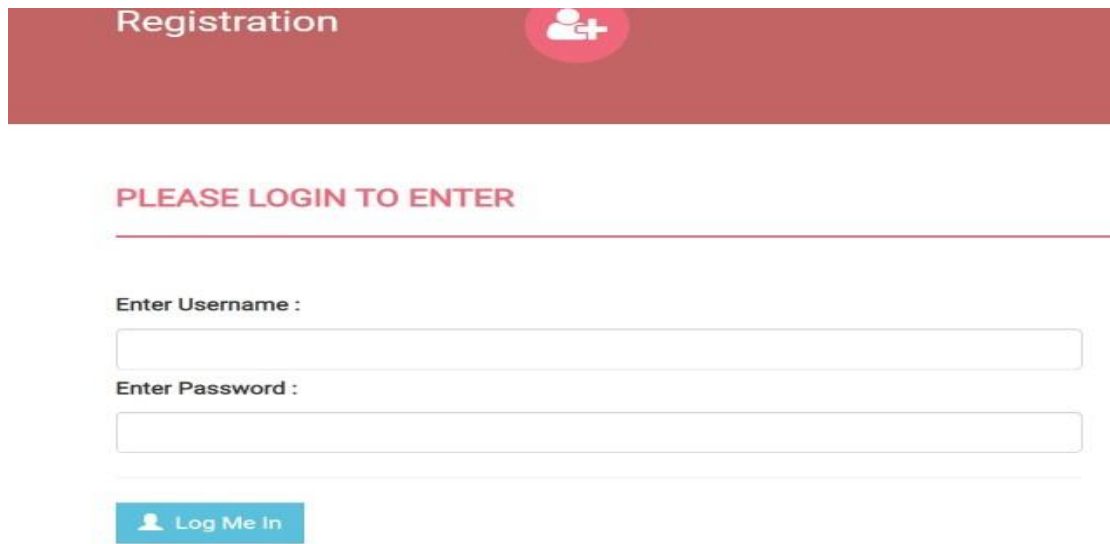
The config.php code:

```
<?php
define('DB_SERVER','localhost');
```

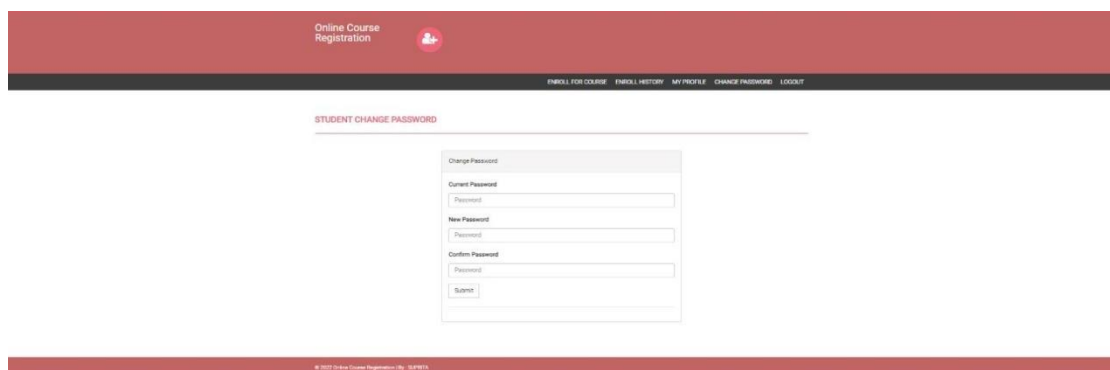
```
define('DB_USER','root');
define('DB_PASS','');
define('DB_NAME','onlinecourse');
$con = mysqli_connect(DB_SERVER,DB_USER,DB_PASS,DB_NAME);
// Check connection
if (mysqli_connect_errno())
{
echo "Failed to connect to MySQL: " . mysqli_connect_error();
}
?>
```

The footer.php code:

```
<footer>
<div class="container">
<div class="row">
<div class="col-md-12">
Online course registration
</div>
</div>
</div>
</footer>
```

**CHAPTER 7****RESULT AND DISCUSSION****7.1 Admin**

The screenshot shows a login interface with a red header bar containing the text "Registration" and a user icon. Below the header, a pink box contains the text "PLEASE LOGIN TO ENTER". Underneath, there are two input fields: "Enter Username :" and "Enter Password :". A blue button with a user icon and the text "Log Me In" is positioned below the password field.

**Figure 7.1.1:Login page**

The screenshot shows an admin interface for changing a password. At the top, a red header bar contains the text "Online Course Registration" and a user icon. Below the header, a black bar contains the text "ENROLL FOR COURSE ENROLL HISTORY MY PROFILE CHANGE PASSWORD LOGOUT". Underneath, a pink box contains the text "STUDENT CHANGE PASSWORD". A white box with a grey border contains the "Change Password" form, which has three input fields: "Current Password", "New Password", and "Confirm Password", each with a "Password" placeholder. A "Submit" button is at the bottom of the form.

**Figure 7.1.2:Admin change password:**

Online Course Registration

[SESSION](#) [SEMESTER](#) [DEPARTMENT](#) [COURSE](#) [REGISTRATION](#) [MANAGE STUDENTS](#) [ENROLL HISTORY](#) [STUDENT LOGIN](#) [LOGOUT](#)

ADD SESSION

Session

Create Session

Submit

Manage Session

#	Session	Creation Date	Action
1	2015	2017-02-09 23:46:51	<a href="#">Delete</a>
2	2016	2017-02-09 23:57:41	<a href="#">Delete</a>
3	2017	2019-09-21 13:21:54	<a href="#">Delete</a>
4	2018	2019-09-21 13:21:58	<a href="#">Delete</a>

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Figure 7.1.3: Add Session

Online Course Registration

[SESSION](#) [SEMESTER](#) [DEPARTMENT](#) [COURSE](#) [REGISTRATION](#) [MANAGE STUDENTS](#) [ENROLL HISTORY](#) [STUDENT LOGIN](#) [LOGOUT](#)

SEMESTER

Semester

Add Semester

Submit

Manage Semester

#	Semester	Creation Date	Action
1	Second sem	2017-02-10 30:17:39	<a href="#">Delete</a>
2	Third Sem	2017-02-10 30:18:54	<a href="#">Delete</a>
3	Fourth Sem	2019-09-21 13:22:16	<a href="#">Delete</a>
4	5	2022-07-01 10:23:13	<a href="#">Delete</a>
5	5	2022-02-03 14:08:17	<a href="#">Delete</a>

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Figure 7.1.4: Semester

Online Course Registration

SESSION SEMESTER DEPARTMENT COURSE REGISTRATION MANAGE STUDENTS ENROLL HISTORY STUDENT LOGS LOGOUT

DEPARTMENT

Department

Add Department

department

Submit

Manage Session

#	department	Creation Date	Action
1	Account	2017-02-10 00:22:00	<a href="#">Delete</a>
2	HR	2017-02-10 00:22:04	<a href="#">Delete</a>
3	Admin	2017-02-10 00:22:08	<a href="#">Delete</a>
4	Test	2017-02-10 00:25:08	<a href="#">Delete</a>
5	IT	2018-05-21 15:33:15	<a href="#">Delete</a>
6	CSE	2022-01-01 10:33:19	<a href="#">Delete</a>

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Figure 7.1.5: Department

Online Course Registration

SESSION SEMESTER DEPARTMENT COURSE REGISTRATION MANAGE STUDENTS ENROLL HISTORY STUDENT LOGS LOGOUT

COURSE

Course

Course Code

Course Name

Course Unit

Seat limit

Submit

Manage Course

#	Course Code	Course Name	Course Unit	Seat limit	Creation Date	Action
1	PHP01	Core PHP	1-5	10	2017-02-11 23:09:10	<a href="#">Edit</a> <a href="#">Delete</a>
2	WP01	Wordpress	1-6	1	2017-02-11 23:22:25	<a href="#">Edit</a> <a href="#">Delete</a>
3	MYSQL03	MYSQL	1-8	20	2017-02-12 00:17:23	<a href="#">Edit</a> <a href="#">Delete</a>
4	BE	COMPUTER	18C051	180	2022-01-01 10:33:46	<a href="#">Edit</a> <a href="#">Delete</a>

Figure 7.1.6: Course

The screenshot displays the 'Online Course Registration' web application. The header is red with the application name and a user icon. A dark navigation bar contains links: SESSION, SEMESTER, DEPARTMENT, COURSE, REGISTRATION, MANAGE STUDENTS, ENROLL HISTORY, STUDENT LOGS, and LOGOUT. The main content area is titled 'STUDENT REGISTRATION' and features a form with the following fields: Student Name, Student Reg No, Password, and a Submit button. The footer is red and contains the copyright notice: © 2022 Online Course Registration v.1.0 - SUPWITS.

**Figure 7.1.7: Registration**

The screenshot displays the 'Online Course Registration' web application. The header is red with the application name and a user icon. A dark navigation bar contains links: SESSION, SEMESTER, DEPARTMENT, COURSE, REGISTRATION, MANAGE STUDENTS, ENROLL HISTORY, STUDENT LOGS, and LOGOUT. The main content area is titled 'COURSE' and features a 'Manage Course' section with a table of registered students. The table has columns for #, Reg No, Student Name, Pcode, Reg Date, and Action. The footer is red and contains the copyright notice: © 2022 Online Course Registration v.1.0 - SUPWITS.


#	Reg No	Student Name	Pcode	Reg Date	Action
1	1q19c1132	sal isugun	174532	2022-01-31 10:25:09	<a href="#">Go Edit</a> <a href="#">Delete</a> <a href="#">Reset Password</a>
2	1q19c1150	Scorita	570696	2022-01-31 10:48:41	<a href="#">Go Edit</a> <a href="#">Delete</a> <a href="#">Reset Password</a>
3	1q20c1409	TEJASWINI	329983	2022-01-31 10:34:34	<a href="#">Go Edit</a> <a href="#">Delete</a> <a href="#">Reset Password</a>

**Figure 7.1.8: Manage Students**

Online Course Registration						
<div>SESSION SEMESTER DEPARTMENT COURSE REGISTRATION MANAGE STUDENTS ENROLL HISTORY STUDENT LOGS LOGOUT</div>						
ENROLL HISTORY						
Enroll History						
#	Student Name	Student Reg no	Course Name	Session	Semester	Enrollment Date
1	sat ingan	1q/1sc132	COMPUTER	CSE	5	2022-01-01 10:42:35
2	sat ingan	1q/1sc132	COMPUTER	CSE	5	2022-01-01 10:44:24
3	Dupika	1q/1sc150	COMPUTER	CSE	5	2022-01-01 10:49:38
4	Dupika	1q/1sc150	COMPUTER	CSE	5	2022-02-03 14:48:39

Figure 7.1.9: Enroll History

Online Course Registration



SESSIONSEMESTERDEPARTMENTCOURSEREGISTRATIONMANAGE STUDENTSENROLL HISTORYSTUDENT LOGSLOGOUT

ENROLL HISTORY

Enroll History

#	Student Reg no	IP	Login Time	Logout Time	Status
1	10000121	-1	2017-02-12 01:35:58		1
2	10000121	-1	2017-02-12 01:37:18		1
3	10000121	-1	2017-02-12 01:38:46		1
4	10000121	-1	2017-02-12 01:56:15		1
5	10000121	-1	2017-02-12 01:57:11		1
6	10000121	-1	2017-02-12 01:58:19		1
7	10000121	-1	2017-02-12 01:59:30		1
8	10000121	-1	2017-02-12 02:00:39	12-02-2017 02:00:40 AM	1
9	10000121	-1	2017-02-12 02:02:12	12-02-2017 02:21:40 AM	1
10	10000121	-1	2017-02-12 02:21:50	12-02-2017 05:14:45 AM	1
11	10000121	-1	2017-02-12 11:11:24	12-02-2017 11:49:08 AM	1
12	10000121	-1	2017-02-12 11:50:05		1
13	10000121	-1	2017-02-12 11:50:23	12-02-2017 12:09:59 PM	1
14	10000121	-1	2018-05-21 16:19:06	21-05-2018 03:30:53 PM	1
15	10000121	-1	2018-05-21 15:49:15		1
16	12345	-1	2018-05-25 11:21:42	25-05-2018 11:23:02 AM	1
17	1q/1sc132	-1	2022-01-31 10:41:23	31-01-2022 10:48:06 AM	1
18	1q/1sc150	-1	2022-01-31 10:48:56		1
19	1q/1sc132	-1	2022-02-01 18:42:55	01-02-2022 06:43:01 PM	1
20	1q/1sc132	-1	2022-02-02 13:21:21	02-02-2022 01:22:27 PM	1
21	1q/1sc150	-1	2022-02-02 13:25:22		1

Figure 7.2.0: User log

## 7.2 Student:

The screenshot shows the login page of the Online Course Registration system. At the top, there is a red header bar with the text "Online Course Registration" and a user icon. Below the header, the page title "PLEASE LOGIN TO ENTER" is displayed. The main content area contains a login form with two input fields: "Enter Reg no:" and "Enter Password:". Below these fields is a blue "Log Me In" button. To the right of the form, there is a light blue box containing a disclaimer and a list of features. The disclaimer states: "This is a free bootstrap admin template with basic pages you need to craft your project. Use this template for free to use for personal and commercial use." The features listed are: "Responsive Design Framework Used", "Easy to use and customize", "Fast awesome icons included", and "Clean and light code used". At the bottom of the page, there is a red footer bar with the copyright notice "© 2022 Online Course Registration by SJPMITA".

**Figure 7.2.1: login page**

The screenshot shows the "STUDENT CHANGE PASSWORD" page. At the top, there is a red header bar with the text "Online Course Registration" and a user icon. Below the header, the page title "STUDENT CHANGE PASSWORD" is displayed. The main content area contains a form titled "Change Password" with three input fields: "Current Password", "New Password", and "Confirm Password". Each field has a "Password" label. Below the "Confirm Password" field is a blue "Submit" button. At the bottom of the page, there is a red footer bar with the copyright notice "© 2022 Online Course Registration by SJPMITA".

**Figure 7.2.2: Student change password**



The screenshot shows the 'Online Course Registration' header with a user profile icon. Below the header is a navigation bar with links: ENROLL FOR COURSE, ENROLL HISTORY, MY PROFILE, CHANGE PASSWORD, and LOGOUT. The main content area is titled 'STUDENT PINCODE VERIFICATION'. It contains a 'Pincode Verification' form with an 'Enter Pincode' label, a text input field, and a 'verify' button. The footer shows the copyright notice: © 2022 Online Course Registration (OJ) - SJPCIT.

**Figure 7.2.3: Pincode verification for enrolling into course**

The screenshot shows the 'Online Course Registration' header with a user profile icon. Below the header is a navigation bar with links: ENROLL FOR COURSE, ENROLL HISTORY, MY PROFILE, CHANGE PASSWORD, and LOGOUT. The main content area is titled 'ENROLL HISTORY'. It contains an 'Enroll History' table with columns: #, Course Name, Session, Department, Level, Semester, Enrollment Date, and Action. The table lists two enrollments for 'COMPUTER' in the 'CSE' department, both at 'level 4'. The first enrollment is for 'Session 2018' in 'Semester 5' with an enrollment date of '2022-01-01 10:49:38'. The second enrollment is for 'Session 2018' in 'Semester 5' with an enrollment date of '2022-02-03 14:48:29'. Each row has a 'Print' button in the 'Action' column. The footer shows the copyright notice: © 2022 Online Course Registration (OJ) - SJPCIT.

#	Course Name	Session	Department	Level	Semester	Enrollment Date	Action
1	COMPUTER	2018	CSE	level 4	5	2022-01-01 10:49:38	<a href="#">Print</a>
2	COMPUTER	2018	CSE	level 4	5	2022-02-03 14:48:29	<a href="#">Print</a>

**Figure 7.2.4: Enroll history**

The screenshot displays the 'My profile' page within the 'Online Course Registration' system. The page has a red header bar with the system name and a user icon. Below the header is a navigation bar with links: 'ENROLL FOR COURSE', 'ENROLL HISTORY', 'MY PROFILE' (highlighted), 'CHANGE PASSWORD', and 'LOGOUT'. The main content area is titled 'STUDENT REGISTRATION' and contains a form with the following fields:

- Student Name:** A text input field containing 'Sujita'.
- Student Reg No:** A text input field containing '191904150'.
- Pincode:** A text input field containing '570006'.
- DOB:** A text input field containing '6/70'.
- Student Photo:** A section with a camera icon, the text 'NO IMAGE AVAILABLE', and an 'Upload New Photo' button.
- Upload New Photo:** A file upload area with a 'Choose File' button, the text 'No file chosen', and an 'Upload' button.

**Figure 7.2.5: My profile**

## CHAPTER 8

### CONCLUSION

The primary objective of our research and development was to automate student course registration procedure. It has been achieved successfully and the system is tested to be working efficiently. 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 now 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. The Application was designed in such a way that future changes can be done easily. The following conclusions can be deduced from the development of the project.

- Automation of the entire system improves the productivity.
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

## **BIBLIOGRAPHY**

### **Textbooks:**

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2. Database Management Systems, Ramkrishnan and Gehrke, 3rd Edition, 2014, McGraw Hill.
3. Learning PHP, MySQL & JavaScript, 4th edition, Robin Nixon.

### **Web Links:**