

UNIVERSITY INSTITUTE OF TECHNOLOGY

B.U. BHOPAL

2022-23



SYNOPSIS

FOR

PROJECT ON :-

ONLINE MCA COURSE

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MCA ONLINE COURSE /DISTANCE LEARNING COUSE FOR COLLEGE STUDENTS

This project is based on **COLLEGE ONLINE COURSE/DISTANCE LEARNING** . It manages the college COURSE student information, placement information, various different types of event going on in our college. It also keeps track records of all the information regarding students those who are placed in the various organization. It has a notice board which contains information about various cultural or technical EVENTS hackathone which is supposed to be held soon.

OBJECTIVE

The objectives of the system are -

- ✓ To provide distance learning education.
- ✓ Flexibility in learning
- ✓ New course to explore and learn
- ✓ Reliable for student to create account and apply for job posts
- ✓ Placement department can maintain daily update
- ✓ New features can be added as per requirements

1. INTRODUCTION

This College online course project developed using specific programming languages. The main aim of this project is to develop an online website which covers all the details of college and courses i.e.: Student attendance details, Event details, Students fees transaction details, Marks details, Photo gallery, etc. Admin is the Super user of this project. All the record stores in MySQL Database/php admin. The proposed website will also reduce the cumbersome paperwork. manual labor as well as communication cost.

Present State:

- Software and website in the market available require proper training maintenance and very costly .
- Time consumed in accessing the records of the students.
- ➤ Manual creation of lists of eligible and not eligible students.
- ➤ More time taken to registration of students on registration forms.

After implementation of project:

- Easy to use GUI.
- Students can register online no rush for registration in Placement department.
- Report of students according to need.
- *Burden of Placement cell decreases.*
- Classes can be attained from anywhere .
- Easy to maintain database and secured storage.

1.1 Main Modules of the System

- 1)STUDENT MODULE: This module used to store student records. It contains the following information i.e. Students Profile details, Contact information, Educational details, etc. The Users can search the students from the database according to different criteria such as name, Course, Room number, etc.
- 2)PLACEMENT MODULE: This module includes details regarding the placement of students in which company they want to apply and also where they are placed and when they were placed.
- 3)NOTICES:-It includes information about various events which is currently going on and which will occur in the near course of time. Notices helps in quick capturing of any occurring event.
- 4)REGISTRATION MODULE: - Report generation is also provided to view summarized detail regarding hostel fees and mess bill. It includes Hostel fees. Mess reports. Students can check hostel fees and others things .
- 5)NEW COURSE MODULE: - student are able to access latest cerification course from single website which will enhance there C.V and knowledge

1.2 PRE-REQUISITES

1.2.1 TECHNOLOGY

1) HTML: HTML is a hypertext markup language which is, in reality, a spinal cord of any website. Any website can't be structured without the knowledge of HTML. If we make our web

page only with the help of HTML. then we can't add many of the effective features in a web page, for making a web page more effective we use various platforms such as static and dynamics methods. And here we are using this language to make our web pages more effective as well as interactive for users to understand. And to make our web pages dynamic we are using j.s .

2) CSS: CSS Stands for (Cascading Style Sheet). Cascading style sheets are used to format the layout of Web pages. They can be used to define way of writing or style, size of various table, and other aspects of Web pages that previously could only be defined in a static page's HTML. The main work of CSS is to separate content of a web document (written in any markup language) that is written using Cascading Style Sheets. There are lots of benefits that one can extract through this like improved content accessibility, better flexibility and moreover, and hence gives a level of control over various presentation characteristics of the document. It also

helps in reducing the problems and helps in saving access time. It gives the option of selecting various style schemes and rules according to the necessity.

3) PHP: Hypertext preprocessor is a server-side scripting language designed for web development, but also used as general-purpose programming language. It was created in 1994, it is now produced by PHP group. It can interact with many database languages including MySQL.

Sign in

Register

4) JAVASCRIPT: JavaScript is the most famous scripting languages of all time. JavaScript is a Scripting Language of World Wide Web. The main usage of JavaScript is to add various Web function, validations, detections, a creation of cookies and so on. JavaScript is the best scripting languages and that is why it is adopted by almost all browsers. JavaScript is considered the most powerful scripting languages in present use. It is used for the client-side web development. JavaScript is used to make pages more interactive. It is a light-weight programming language and it is embedded directly into the markup syntax. JavaScript, as the name defines, was affected by many languages, especially Java.

5) SQL(MySQL): It is a structured query language used for querying database. Its function is to control the data like storing and retrieving and data as requested by the software applications.

1.2.1 TOOLS

1) **Visual Studio** :- Microsoft Visual Studio is a powerful IDE that ensures quality code throughout the entire application lifecycle, from design to deployment. Whether you're developing applications for SharePoint, the web. Windows, Windows Phone, and beyond. Visual Studio is one of ultimate all-in-one solution.

2) MSSQL: -Microsoft SQL Server is a relational database management system developed by Microsoft. As a database, it is a software product whose primary function is to store and retrieve data as requested by other software applications, be it those on the same computer or those running on another computer across a network (including the Internet).

3. SCOPE FOR DEVELOPMENT OF THIS PROJECT:

The requirement of the user is to:

- ✓ Access/ Search information.
- ✓ Log in to the system through the first page of the application
- ✓ Change the password after logging the system
- ✓ View/change details.
- ✓ Can get help through the help option to view different property of the system.
- ✓ Students can give feedback for college/staff/any other student.
- ✓ An admin login should be present who can read as well as remove any uploads

4. RESULTS

- ✓ Login Form: The system starts with a login page where the registered user can enter username and password to be able to access.
- ✓ Registration form: The user has to go for the registration form for doing registration. The significance of project is to automate the Placement process of the institute.
- ✓ Course access :-
 - **E-Books**
 - **Videos**
 - **Notes**
 - **Assignment**
 - **Exam/text series**
- ✓ There is no worry of checking the Placement department time to time.
- ✓ Placement cell also can create lists on the basis of requirement of company.
- ✓ Placement reports Company wise, Branch wise & Package wise report etc

5. CONCLUSIONS

This paper assists in modifying the existing system to site based system. This is a paperless work. It can be monitored and controlled remotely. **It reduces the manpower required.** It provides accurate information always. Malpractice can be reduced. **Provide opportunity to student to learn and earn according to there needs and comfort .** All gathered and extra information can be saved and can be accessed at any time. The data which is stored in the project helps in taking intelligent and quick decisions by the management. So it is better to have a Web-Based Information Management system. All the student, staff members can get the desired information without delay. **This system is essential in the colleges and universities**

6. ACKNOWLEDGEMENT

We have taken a lot of efforts in completing this project. However, it could not have been possible without the support and guidance of my proffessors and friends. i would like to express my sincere thanks to all of them. :)

