

*A Internship Report*  
*Submitted to the Savitribai Phule Pune University*  
*in partial fulfillment of requirements for the award of degree*  
*Bachelor of Engineering*  
*in*  
**COMPUTER ENGINEERING**  
*by*  
**BHAKTI GOTARNE**  
**ROLL NO:25**



**DEPARTMENT OF COMPUTER ENGINEERING**  
**PARVATIBAI GENABA MOZE COLLEGE OF ENGINEERING**  
**WAGHOLI,PUNE-412207**  
**MAY 2023**

**DEPARTMENT OF COMPUTER ENGINEERING COLLEGE OF  
ENGINEERING WAGHOLI, PUNE**  
**2022-2023**



**CERTIFICATE**

This is to certify that Internship Report entitled “E-learning Management System” has been carried out by Bhakti Gotarne, Roll No.25 under guidance in partial fulfillment of the requirements for the degree of BACHELOR OF ENGINEERING of Pune University,during the academic year 2022-23. To the best of my knowledge and belief this work has not been submitted elsewhere for the award of any other degree.

**Prof. Pramod Dhamdhere.**  
(Internship Guide)

**Prof. Shrikant Dhamdhere**  
(Head of Department)

## **DECLARATION**

I Bhakti Gotarne hereby declare that the Internship report **Elearning Management System”**, submitted for partial fulfillment of the requirements for the award of degree of Bachelor of Engineering of the Savitribai Phule Pune University, Wagholi is a bonafide work done by me under supervision of Prof. Pramod Dhamdhere.

This submission represents my ideas in my own words and where ideas or words of others have been included, I have adequately and accurately cited and referenced the original sources.

I also declare that I have adhered to ethics of academic honesty and integrity and have not misrepresented or fabricated any data or idea or fact or source in my submission. I understand that any violation of the above will be a cause for disciplinary action by the institute and/or the University and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been obtained. This report has not been previously formed the basis for the award of any degree, diploma or similar title of any other University.

Bhakti Gotarne  
Wagholi (20-05-2023)

# Abstract

The objective of this website will Enhance the quality of learning and teaching. Meet the learning style or needs of students. Improve the efficiency and effectiveness. Improve user-accessibility and time flexibility to engage learners in the learning process. Our E-learning website is GROOVE that will help you to learn online. And access free courses from our website. we believe that everyone must be equipped with basic knowledge InTechnology, as well as use it as a medium to reach a particular goal and aim. In the 20th century, we have moved from the Industrial Age through the Information Age and now to the Knowledge Age. Knowledge and its efficient management constitute the key to success and survival for organizations in the highly dynamic and competitive world of today. Efficient acquisition, storage, transfer, retrieval, application, and visualization of knowledge often distinguish successful organizations from the unsuccessful ones. We have also given a form for a free demo class in it which will help the student to explore our courses. If you select any course, then you will get all details of the course like course duration, course fee, course chapters. It helps students learn efficiently by gaining recourses and attending lectures online. It is deemed cheaper and reliable as student can learn and practice independently without pressure and stiff competition like real classrooms. NO peer pressure in E-learning Like school, where the teachers and other student pressurize to score well, this website helps students focus on themselves and do better. When coopetition isn't very stiff and healthy, student can concentrate more and make the most out of their study time. Through GROOVE you can learn course of your choice through online resources. Lower costs than conventional teaching approaches are provided at Groove.

*JIM*

# Acknowledgement

It is my pleasure to acknowledge the contributions of all who have helped us and supported us during this Project report. First, we thank God for helping us in one way or another and providing strength and endurance to us. We wish to express my sincere gratitude and indebtedness to our supervisor, for intuitive and meticulous guidance and perpetual inspiration in completion of this report. In spite of her busy schedule, she rendered help whenever needed, giving useful suggestions and holding informal discussions. Her invaluable guidance and support throughout this work cannot be written down in few words. We also thank her for providing facilities for my work in the department name. We are also humbly obliged by the support of our group members and friends for their love and caring attitude. The sentimental support they rendered to us is invaluable and everlasting. They have helped us through thick and thin and enabled us to complete the work with joy and vigor. We thank the group members for entrusting in each other and following directions, without them this report would never have been possible. We are also thankful to our parents, elders and all family members for their blessing, motivation and inspiration throughout our work and bearing with us even during stress and bad temper. They have always provided us a high moral support and contributed in all possible ways in completion of this Capstone report.

**Bhakti Gotarne**

# **Chapter 1**

## **Introduction**

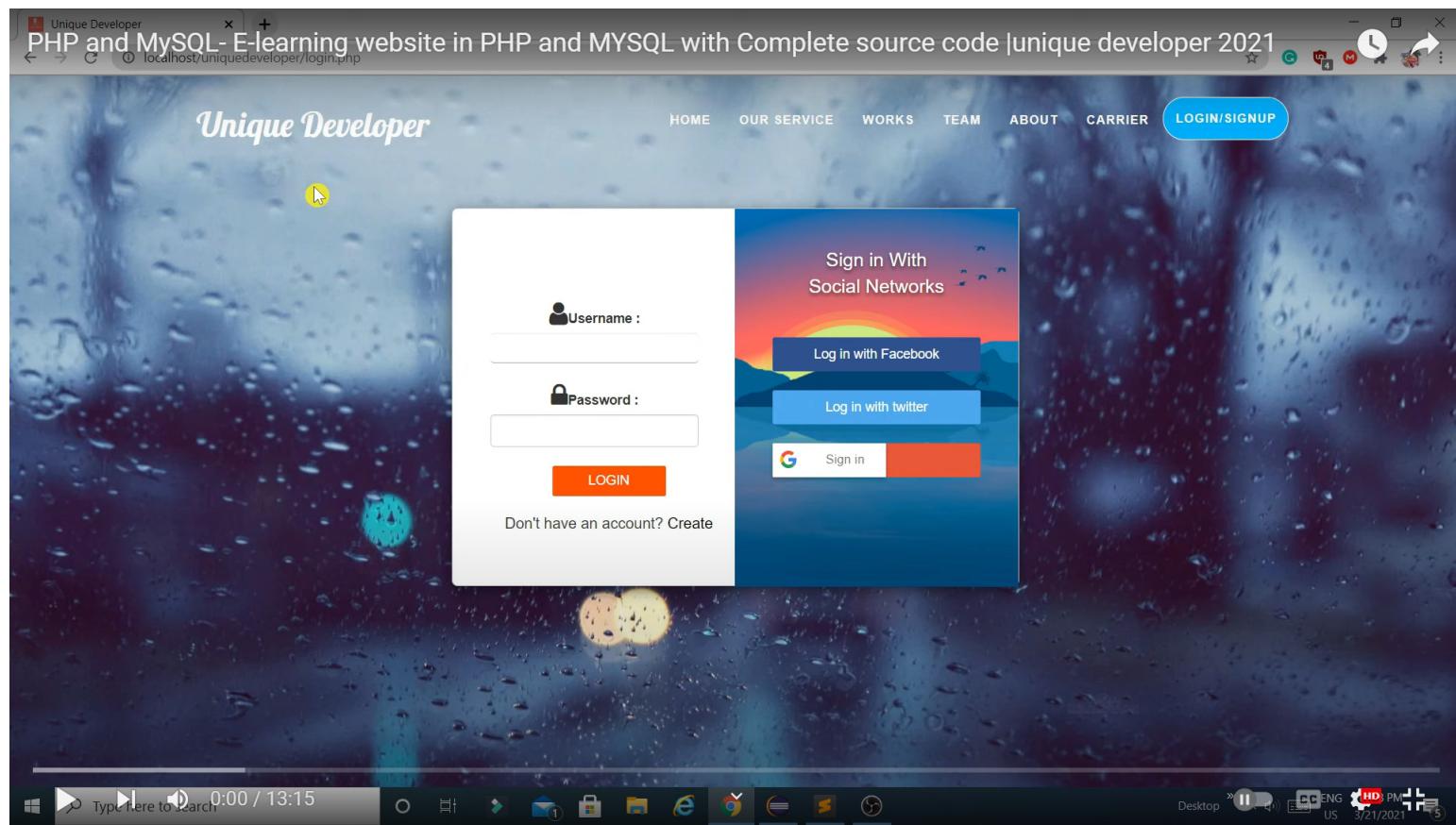
eLearning Management System is becoming increasingly popular, and for a good reason. Especially in recent years, intelligent learning tools have advanced significantly in providing comprehensive educational experiences that are enjoyable, dynamic, and captivating. Anyone who has used eLearning will undoubtedly tell you how effective and convenient it is. Learners and organizations benefit from eLearning in today's "always-on" era. But what exactly is this eLearning? You may be an expert or a beginner, but when it comes to eLearning, there's no doubt its demand has multiplied. It gives organizations a cost-effective and time-efficient alternative to teaching their personnel. Staffers get easy training that improves their skills and knowledge in exchange. Organizations also use it to train their partners and consumers to enhance adoption, retention, and revenue. The market for eLearning solutions isn't slowing down anytime soon. Let's take an in-depth look at what eLearning is, the various available types and technologies, alongside the benefits it can offer to your organization.

### **1.1 section1**

A web-based learning platform is a collection of online digital services that provide knowledge, resources, and materials to instructors, learners, and anyone participating in training to assist and improve the learning distribution and management process. A learning management system, aka LMS, is such a kind of eLearning platform. Finally, you'll select a Learning platform that provides your program to your learners in an

appealing manner. To assist you in deciding how to distinguish between various LMS solutions, we've compiled a checklist of the vital elements to keep in mind while selecting the right platform.

## 1.2 Images(Screenshots of Implementation)



PHP and MySQL- E-learning website in PHP and MYSQL with Complete source code |unique developer 2021

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HOME OUR SERVICE WORKS TEAM FAQS CARRIER SUNIL

**SERVICES**

this is our services these are the services provided by us  
these are the services provided by us

**PROGRAMMING**

Here you will find all the lecture tutorials related to programming languages like JAVA,PYTHON,ANDROID etc

**VIDEO TUTORIALS**

Here you will find all the videos tutorials related to programming languages like JAVA,PYTHON,ANDROID etc

**EXERCISE**

Here you will find problem programs for practice and their implementation also which will improve your coding skill

**OUR WORK**

join us to improve your works join us to improve your works



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**PROGRAMMING LANGUAGES**

Following are the available programming languages  
Start learning today

**java** **JAVA** If you avail of any of our main photo packages worth \$100 and up Start Reading...

**Android** **ANDROID** If you avail of any of our main photo packages worth \$100 and up It's an android course Start Reading...

**python** **PYTHON** If you avail of any of our main photo packages worth \$100 and up Start Reading...



localhost/uniquedeveloper/admin/ + JAVA- How To Create Executable... x PHP and MySQL- E-learning website in PHP and MYSQL with Complete source code |unique developer 2021

Unique Developer Home Link Dropdown Disabled

Welcome Admin

Manage Courses

Manage Quize

Manage Videos

Manage Comments

Manage Users

Logout

Home Manage Quiz Add Questions

## Add a new question

Question added successfully

Question :

question 1  
please enter the question.

Option 1 :  
option 1

Option 2 :  
option 2

Option 3 :  
option 3  
option 4

Enter option 4

Answer :  
Enter the correct answer

Select Course

Type here to search Desktop ENG US 3/21/2021

Admin panel x localhost/uniquedeveloper/admin/admin\_main.php

Unique Developer Home

Welcome Admin

Manage Courses

Manage Quize

Manage Videos

Manage Comments

Manage Users

Logout

DASHBOARD

MANAGE COURSES

MANAGE VIDEOS

No. Of Courses 3

No. Of Videos 1

MANAGE QUIZ

List of users

| id | Username    | Password | email id              |
|----|-------------|----------|-----------------------|
| 1  | sunil yadav | 1234     | sam123.sy28@gmail.com |
| 3  | sunil       | 1234     | sdjcsavj@gmail.com    |
| 8  | deepak      | 5687     | ndvnkvjks             |
| 11 | deepak y    | 258      | lsnzbvv               |
| 12 | deepa       | 520      | sam8rt7gnailvnnvngkjf |

Type here to search Desktop ENG US 11:16 PM 3/21/2021

localhost/uniquedeveloper/admin

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Unique Developer Home

Welcome Admin

Manage Courses

Manage Quize

Manage Videos

Manage Comments

Manage Users

Logout

Home Manage Course

YOUR COURSES

JAVA

if you avail of any of our main photo packages worth \$100 and up

java edit topic

ANDROID

if you avail of any of our main photo packages worth \$100 and up

Android edit topic

its an android course

PYTHON

if you avail of any of our main photo packages worth \$100 and up

python edit topic

Type Here to Search 7:17 / 13:15

Desktop HD ENG HD PM US 3/21/2021

This screenshot shows the 'Manage Course' section of the E-learning website. It displays three course cards: 'JAVA' with a Java logo, 'ANDROID' with an Android logo, and 'PYTHON' with a Python logo. Each card includes a link to 'edit topic'. The Java card also has a note about photo packages. The navigation bar on the left includes links for 'Welcome Admin', 'Manage Courses', 'Manage Quize', 'Manage Videos', 'Manage Comments', 'Manage Users', and 'Logout'. The top header bar shows the website title and a search bar.

localhost/uniquedeveloper/admin

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Unique Developer Home Link Dropdown Disabled

Welcome Admin

Manage Courses

Manage Quize

Manage Videos

Manage Comments

Manage Users

Logout

Home Manage Quiz Add Questions

Add a new question

Question added successfully

Question :

question 1

please enter the question.

Option 1 :

option 1

Option 2 :

option 2

Option 3 :

option 3

option 4

Enter option 4

Answer :

Enter the correct answer

Select Course

Type Here to Search 11:12 / 13:15

Desktop HD ENG HD PM US 3/21/2021

This screenshot shows the 'Add Questions' section of the E-learning website. A new question titled 'question 1' has been added successfully. The form fields for 'Option 1' and 'Option 2' are filled with 'option 1' and 'option 2' respectively. The 'Option 3' field contains 'option 3' and 'option 4' (with 'option 4' highlighted by a cursor). The 'Answer' field is empty and labeled 'Enter the correct answer'. The navigation bar on the left includes links for 'Welcome Admin', 'Manage Courses', 'Manage Quize', 'Manage Videos', 'Manage Comments', 'Manage Users', and 'Logout'. The top header bar shows the website title and a search bar.

# **Chapter 2**

## **Advantages**

Learners worldwide benefit from e-learning because it makes learning more accessible. It provides previously disadvantaged groups with educational possibilities. It aids in the unification and training of an increased international workforce in the workplace. Learners can access their teaching material anytime, anywhere via any gadget when content becomes available online.

A decent learning management system (LMS) allows consumers to take e-learning courses from their desktop computers, smartphones, and tablets. This means users can learn at any time of day, whenever it is ideally suitable for them — something that traditional classroom and face-to-face learning cannot match. Learners can also begin a course on one device and continue it on another, making it much easier to fit studying into their hectic schedules.

### **2.1 Creating a course is simple**

An efficient LMS provides straightforward course writing tools for efficiently producing and updating content for course teachers. Course instructors can simplify their e-learning content so that learners can access all of the course materials in one convenient area. The ability to track and prove learners' progress is perhaps the most crucial feature of a well-implemented learning management system (LMS). This is especially important for E-Learning courses that need proof of mandated training.

## **2.2 Course admins find it easier to manage to learn**

E-learning is a more cost-effective and efficient approach to organizational development and educational sessions for managers and administrators. By keeping everything online, e-learning helps save time, cost, supplies, and resources. Because it is available online, a more significant proportion of learners and workers can engage in training or learning activities at the same time. Learning, training, and professional growth will reach a bigger audience and significantly impact as technology continues to propel e-learning forward.

## **2.3 It's personalized**

Some learners are uneasy studying in a broader class, particularly if they have difficulty understanding something that their co-workers do not. E-learning enables everyone to go at their own pace while incorporating interactive exercises.

## **2.4 Trainers gain more time as a result of Learning Management Systems**

Trainers are frequently overworked. They have to train huge groups rather than support a couple of new employees. Hence, most of these specialists deliver generic talks that only address the fundamentals and do not assist new hires in comprehending the complexities of specific topics.

## **2.5 Data about learning can be easily shared**

Every LMS is a safe and reliable service that allows for the uploading, storing, and exchanging of educational materials such as courses, exams, papers, and tutorials or directions that support a company's learning program. These data sources can be used as a repository for learners to obtain knowledge when needed or as performance-support aids throughout a face-to-face teaching process.

## **2.6 A diverse range of learning modes and media formats are available**

Traditional training (for example, formal seminars) consists of only verbal or written instructions from trainers. Due to a sophisticated learning management system, learners can access many learning elements in many media types (HTML, video, voice, text files, etc.). This serves as a knowledge store for a significant amount of data, allowing employees to have a comprehensive and engaging learning experience.

## **2.7 Improved return on investment and greater compliance**

You receive more training for a reduced investment, which is a win-win situation for both the company and the employee. eLearning additionally ensures greater compliance in a shorter period. New employees learn about the firm in a shorter period. Existing employees understand further information when compliance changes, ensuring that your organization's compliance remains up to date.

Independent data via your LMS demonstrates that your organization completes all required training. It isn't simply your opinion.

## **2.8 Low cost**

This is among the most crucial upsides of eLearning and one of the most welcome! Face-to-face classroom training can be pricey and time-consuming to keep up with. Expensive printed tutorials and even on-site trainers are no longer required, thanks to eLearning. If you need to change modules within your content, you may do it effortlessly through your LMS sans printing and sharing new training materials.

## **2.9 Saves time**

Time is valuable, especially in the workplace, so why not save as many hours as possible? Regarding employers, eLearning simplifies any adjustments that need to be communicated. Whether you need to update existing training content or corporate policy, eLearning makes it simple to do so in your LMS. This saves precious time that you need to organize reprints and other material. Learners can save hours by accessing the information on time rather than waiting for planned training. You can also use your LMS to streamline manual operations, saving time in training management.

## **2.10 A boost in productivity**

Learners may complete their training more quickly and easily via eLearning, boosting efficiency and performance. Learners appreciate the flexibility of being able to take part in education at their leisure. They're more likely to feel driven to pursue their career ambitions through eLearning because it allows learners to learn at their speed and wherever they want.

## **2.11 Lower carbon footprints**

As part of its corporate social responsibility initiatives, many companies are making concerted efforts to decrease their carbon footprint. If you aim to reduce your environmental impact, eLearning is a good option. It is an alternative to paper-based education and promotes a more ecologically friendly and sustainable workplace.

## **2.12 Overall improved training efficiency**

Employees are inspired to complete more of your training since it is presented as engaging and motivational and is available "any time, any place." They learn more the more they do. The more they know, the closer you get to your overall training objectives.

In eLearning, you create the training materials you require. It is contemporary,

relevant, and adaptable. Rapid authoring allows you to make changes quickly, often within minutes, when things change. As a result, your training content can be tailored to your company's specific requirements.

# **Chapter 3**

## **Features**

### **3.1 Microlearning**

Microlearning is when you help learners learn in bite-sized portions that are easy to recall. Few people can absorb a large amount of material in a single course or session, but splitting it down into manageable parts has been clinically demonstrated to boost the effectiveness with which it is absorbed. This approach makes microlearning far more successful than traditional training. It should be a vital component of any e-learning system you employ for workplace training, e-commerce training, or regular learning.

### **3.2 mLearning**

Today, almost everyone in the civilized economies owns a smartphone, especially those working in a professional setting. Allowing learners to have their mobile will enable them to complete classes and training courses whenever and wherever they like!

### **3.3 Multiple templates**

Considering the benefits of eLearning, it is easy to become bogged down in answering multiple-choice or true-or-false questions. You should be able to choose from various templates on a decent electronic learning platform. As a result, learners might respond

to the same inquiry in multiple ways. Match-to-right-answers questions, dictionary lookups, tap, and touch lessons, and other techniques could be used. In this manner, you may include elements of each into micro-lessons while still keeping your learners engaged.

## **3.4 Cloud-based learning**

Few places on the planet have broadband infrastructure that allows a company to distribute huge courseware files to many people. This would make information updates and version control extremely difficult to manage. If your electronic learning platform is cloud-based, however, you can automatically update programs or modules whenever you choose, and all of your learners will have instant access to the updated content.

## **3.5 Gamified elements**

Even the most exemplary learners can grow tired and apathetic when it concerns conducting the most recent training. So why not include some rewards and a competitive element? A good eLearning platform will allow you to provide points for the correct answers and time your responses. You can give awards to the most outstanding performers this way. Learning becomes virtually unconscious due to the degree of competitiveness rather than a chore it is frequently seen as.

eLearning Development: Understanding the Basics Your learning resources must attract your consumers and pick the correct learning management system for your training, so your learners return. Mastering the E-Learning design process is crucial for developing teaching material tailored to your target audience.

E-learning platforms offer a new way of reaching audiences who are far away. Organizations have their application development methods to provide practical teaching courses. Learning principles, learning styles, and practical instructional fundamentals are examined in e-learning development.

The process of developing technology-based education is known as e-learning development. The word was coined to describe computer-assisted learning systems, which enable learners to study at their own pace and place. Computer-based training

was the word that came before E-learning.

Today, E-Learning refers to a variety of technologies that are used for education or training. Simulations, games, smartphones, GPS technology, and other tools can create E-Learning experiences. They can even be merged to create a multimedia learning environment.

The online learning experience today has been transformed by modern E-Learning developers. With today's new technologies, the word "e-learning" has evolved to refer to any education offered through technology. This would entail a live stream of an instructor-led class using standard tools worldwide.

Project management, visual graphics, instructional design, computing, multimedia, creative writing, and language translations are just a few of the abilities needed to create E-Learning. While most E-Learning developers come from a background in other technological domains, some are innovative former educators who are now applying their knowledge to the novel area of E-Learning creation.

Specializing in only one aspect of E-Learning development will severely limit one's options. We recommend that you get a firm grip on all the E-Learning design capabilities needed to create curriculum materials.

# **Chapter 4**

## **Conclusion**

Based on the experience gained during the web development internship, it can be concluded that the program was a valuable learning opportunity. Through this internship, I was able to enhance my technical skills in web development, learn new technologies, and gain practical experience working on real-world projects.