

A
Synopsis
on
E-Learning Portal
for fulfillment of the requirements for the degree of
Master of Computer Applications

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ABSTRACT

The aim of this project is to provide an online learning system with a smooth and well- organized Graphical User Interface easy to understand for the user form first glance. The project has been planned to be having the view of distributed architecture, with centralized storage of the database.

This portal will Enhance the quality of learning. Improve user accessibility and time flexibility to engage learners in the learning process. It offers online content that can be delivered for the learner at anywhere, anytime through a wide range of e-learning solution.

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INTRODUCTION

Nowadays students centered learning is increasing day by day. This website will increase quality of distance learning. It provide an online learning system with a smooth and well-organized Graphical User Interface easy to understand for the user form first glance. It improves user-accessibility and time flexibility to engage learners in the learning process.

The learner can login in his account, to enroll the course .Each course has various chapters, and to open each next chapter the learner has to clear the mcq type questions quiz. After reading and passing all the chapters and tests the learner has to pass the final examination, if he/she successful in his/her attempt, a Certificate in PDF format will provided to the learner. The user can also manage his profile on dashboard.

The most exciting thing of this project is that, the learner has the facility of ‘ask questions to expert’, but these experts are hired and registered by only an admin.

SCOPE

- Saves time as a student does not need to travel to the training venue. You can learn at the comfort of your own place.
- Learners can define their own speed of learning instead of following the speed of the whole
- Lessons starts up quickly and also wrapped up in a single learning session.This enables training program to easily roll out within a few weeks or sometimes even days.
- Electronic-learning through certified online courses provides a wide range of courses that caters to the core interests of the student, thus creating a fertile arena for future advancement

RESOURCES

(a -) Hard Requirements

Hardware-	: Processor i3 or above
Clock speed-	: 3.0 GHz
RAM size-	: 4 GB or above
Hard Disk capacity-	: 500 GB or above
Peripheral Devices	

(b -) Software Requirements

Operating System-	: Windows 10
Browser-	: Google chrome or any other
Application software-	: Visual studio code
Technology	: PHP
Server Required-	: Xampp
Language Required-	: Html, Css , Php
Documentation-	: Ms Word

MODULE DESCRIPTION

1. LEARNER MODULE

- In learner module the user will be able to create his account on the portal.
- User will be able to enter his details and he/she can also manage the profile in future.
- After successfully creating the account user will be able to view and enroll for various courses and also apply for the same.
- User can also fill a feedback form if, he/she having problem while accessing the course.
- User can also ask question to expert, if he/she having query in the topic.

2. EXPERT MODULE

- In expert module the registration of expert is done by the administration.
- After successful registration the admin will provide the login details to the expert respectively.
- In Expert dashboard there will be three option-
 - a) **Answer to doubts**
 - b) **Suggestion to Administration**
 - c) **Manage Profile**
- Expert can only view the question, and answer them, they will not be able to see the details of Learner.
- If expert want any changes or any suggestion in the module then he/she can fill the suggestion form.
- And , expert can also be able to manage the profile in future.

3. ADMIN MODULE

- Entire course content is managed by the admin module.
- Admin module will be able to manage the expert details, these experts are hired and registered by admin.
- Admin will be able to see the list of learners who have registered on the portal, admin can edit and delete the Learner details.
- Suggestions from the expert and feedback from the learners can be viewed by admin.

REPORT/OUTPUT

- The output of this project is that, if any learner registered on the e-learning portal and enrolls in a particular course ,clears all the tests and final exam then the output will be that –
 - the learner will get a certificate and gain knowledge for that course and**
 - the expert teacher also get job.**
- If any company wants some candidates on a particular skill, the admin can refer these candidates so these candidates can also get the job.

CONCLUSION

It will be a great pleasure for us to work on this exciting and challenging project. This project will be good for us as it provides practical knowledge of not only programming in web based application, but also about all handling procedure related with “E-learning” portal.

It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently. Hence from this project, learners will gain knowledge in a particular course by registering on the website.

HOW TO SERVE THE SOCIETY

An innovative way to collaborate socially and helps us build a smarter workforce. Saves time as a student does not need to travel to the training venue. You can learn at the comfort of your own place.

E-learning can improve the performance of individuals, businesses, and society by **promoting vital, future-ready skills, such as communication, collaboration, technology, and education**. Making online learning accessible for everyone from preschool students to post-graduate learners is in all of our best interests.