

Impact of E-Learning Student Portal for the Department

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Abstract: *With the vast changes in scenarios across the world, our learning today is no longer confined to college classrooms with lecture delivery as the only method of conveying knowledge, rather, it has evolved to electronic means of learning. Electronic Learning (e-Learning) has made learning possible from anywhere, at any time using the internet. Today's technology makes it possible for our students to access an abundance of learning resources to help them learn anything. However, with more resources comes the potential for chaos. Learners can't find pertinent result or what they need, appropriately. This is where a learning portal can prove to be handy.*

Keywords: *E-Learning, Student Portal, Method of Conveying Knowledge, Student in Each Circumstance.*

I. INTRODUCTION

The E-learning has been characterized as the utilization of new interactive media advancements and the Internet to work on the nature of learning [1]-[3]. As indicated by this definition, e-learning invigorates remote trades and joint effort and engages the student in each circumstance [73]-[77]. The web gives simple admittance to assets and administrations [4]-[11]. E-Learning depends on a solid innovation however is teaching method arranged [12]. This paper gives an outline of the e-Learning web-based interface which will actually want to give our understudies admittance to assets covering all learning materials and online class recording [13]-[16]. Our goal is to work with learning all the more productively through an entrance, that is a passage to all our area of expertise courses and extra materials [78]-[99]. We mean to give our understudies various learning ventures and permit figuring out how to happen whenever across all gadgets [17]-[21]. This e-Learning entrance has likewise been created to help great instructing and learning. Service arranged e-Learning stages). Rather than circulating course materials independently to every understudy, a coach can have it on the web-based interface so understudies can download it as and when they need [22]-[28]. Instructors can make and transfer the course assets rapidly in Word-like, Excel-like or PDF archives [29]-[35].

II. EXISTING SYSTEM

In the existing method, study materials & references are shared through WhatsApp groups/ Google groups only [36]-[41]. Also, we haven't implemented the idea of recording lectures for further reference, in our department yet. In general, we do have many familiar websites which have the function of providing learning material to students [42]-[47].

Disadvantages of the Existing System:

- Sharing through WhatsApp doesn't assure easier accessibility
 - At any time
 - Anywhere
 - On any device
- This might also encourage partial sharing of resources.
- A biggest limitation with existing websites are that they're not user friendly.
- The user will have to become a paid member to browse on the website after a particular point of time.

III. PROPOSED SYSTEM

Our proposed system is to provide a portal that acts as a repository for teaching and learning materials [48]-[51]. It's a place where you can find all your course documents, lecture videos, reference resources on a single platform [66]-[72]. It enables learners to fetch content that's relevant to them. Missed out or unclear concepts that was handled during online classes can be viewed at again [52]-[55]. It encourages our students to be independent [56]-[65]. Since it's a web portal, it allows access from all devices (figures 1 to 3).

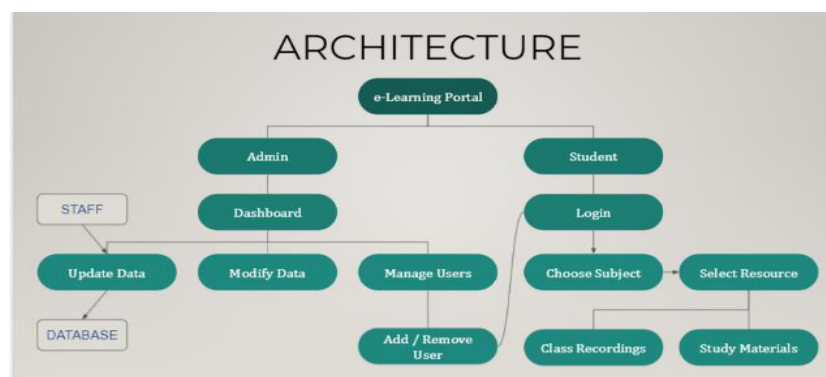


Fig. 1. Architectural Framework of The System

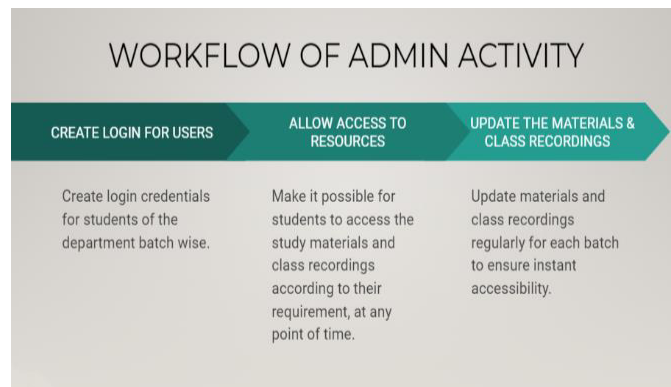


Fig.2. Workflow of Admin Activity

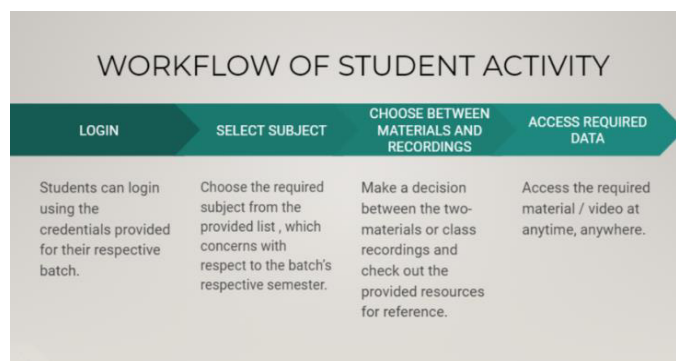


Fig. 3. Architecture of the Proposed e-Learning Portal

IV. MODULES

This e-Learning Portal is to be developed in such a way that it will facilitate collaborative sharing of educational resources by teachers and retrieval of the same by students (figures 4 to 5) [100-128].

This consists of Two Modules:

- Administration
- Student

V. RESULT

Electronic Learning (e-Learning) has made learning possible from anywhere, at any time using the internet [129-144]. Today's technology makes it possible for our students to access an abundance of learning resources to help them learn anything [145-171]. However, with more resources comes the potential for chaos [172-181]. Learners can't find pertinent result or what they need, appropriately [182-196].

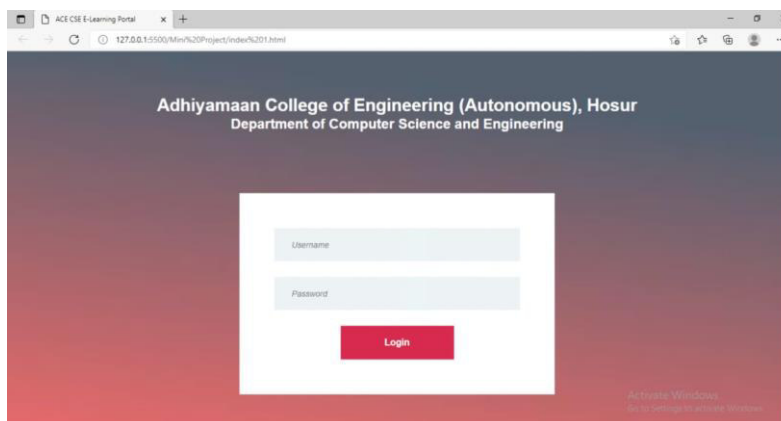


Fig. 4. A sample figure of Study Materials and Class Recordings

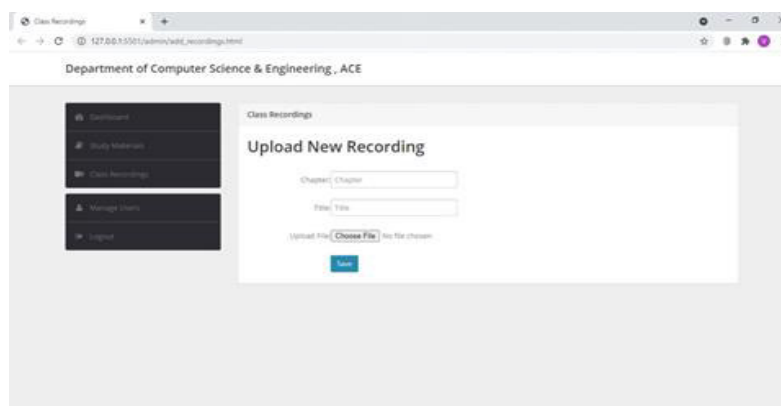


Fig. 5. Samples figures of E-Learning Student Portal for the Department

VI. CONCLUSION

The paper presents an e-Learning gateway advancement and its utilizations of the web based HTML, CSS and PHP school system. The arrangement depends on the utilization of the MySQL and PHP - based programming bundle. Involving this Web-gateway it's feasible to distribute archives in any configuration (Word, PDF, Video), administrator the Portal, oversee modules, make understudy gatherings, oversee insights, and make activities and tests.

Conflicts of Interest: The authors declare that they have no conflicts of interest to report regarding the present study.

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