



North South University

"E-learning platform"

(Learners Edge)

Project Report

Database System Lab

CSE311L

Section: 2

Semester: Summer 2021

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Introduction

A learning system based on formalized teaching but with the help of electronic resources is known as E-learning. While teaching can be based in or out of the classrooms, the use of computers and the Internet forms the major component of E-learning. E-learning can also be termed as a network enabled transfer of skills and knowledge, and the delivery of education is made to a large number of recipients at the same or different times. Knowledge can also be shared via the Internet, which is accessible 24/7, anywhere, anytime. Due to its increasing demand, we are going to implement a learning platform by which students and teachers will be able to make the learning system more organized, accessible and easier. This platform delivers and manages all types of content, including video, courses, and documents.

Benefits of e-learning platform:

1. E-learning saves time and money.

With online learning, learners can access content anywhere and anytime. They don't need to take time out from their jobs to attend classes. E-learning is also cost-effective; companies save a substantial amount on the travel and accommodation costs of both learners and instructors, as well as the venue and materials. No printing helps reduce your carbon footprint, too.

2. E-learning leads to better retention.

Modern learners prefer bite-sized, interactive content. They would rather watch a video or listen to a podcast than read through pages of a manual. E-learning tools enable learning designers to make content interactive.

The more engaging the content is, the better the learners remember information. If they enjoy learning, they can able to recall and apply the concepts at work.

3. E-learning offers personalization.

Each learner has unique preferences and learning goals. E-learning makes it possible to cater to individual needs. It allows learners to choose their learning path and navigate at their own pace. When they decide what to learn and when, they remain invested in the course.

4. Online Learning Accommodates Everyone's Needs

The online method of learning is best suited for everyone. This digital revolution has led to remarkable changes in how the content is accessed, consumed, discussed, and shared. Online educational courses can be taken up by office goers and housewives too, at the time that suits them. Depending on their

availability and comfort, many people choose to learn at weekends or evenings.

5. Consistency

E-Learning enables educators to get a higher degree of coverage to communicate the message in a

consistent way for their target audience. This ensures that all learners receive the same type of training

with this learning mode.

Learners Edge Features:

1. Login/Register

This is a free e-learning platform. Users can register any time without any additional fees to pay as well as login with just a click of a button.

2. Simple UI

The UI is user friendly and simple. You can find almost anything within the website from the home page by just scrolling through.

3. Enrolled Courses

You can find and manage all of your enrolled courses in this tab.

4. Feedback

Users can post their valuable feedbacks and others can also see these feedbacks as comments in the website.

5. Logout

Limitation of Learners Edge:

- Instructor can't evaluate a student properly as there is no assessment feature.
- Students are unable to access live Q&A for better understanding.
- There is no system to track the progress of a course.
- Limited informal learning possibilities.
- Course based model that limits community development.

Solution Description

Front-end plan

There are some templates in plan

1. Main page
2. Login page
3. Register page

4. Course details page
5. Enrolled course page
6. Feedback page

Back end development

1. Account Creating, Password Recover:

- a. Sign up form
- b. Login
- c. Forgot Password
- d. Adding/removing content

2. Profile Management:

- a. Student Details
- b. Course details
- c. Others

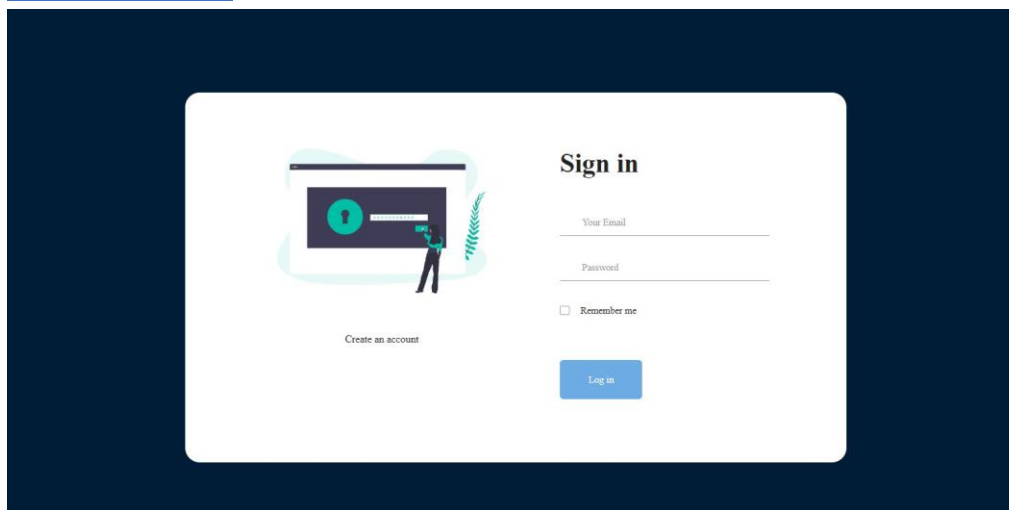
Tools and Technologies:

1. Database: MySQL
2. Protocol: Http
3. CSS
4. Html
5. PHP

Advantages:

1. E-Learning platform supports content in various formats: text, video, audio, etc.
2. One can access materials anytime, from everywhere, teachers can modify the content, and students can see the updated material.
3. Students and teachers can re-use the material every time they need.
4. One of the biggest advantages of E-learning platforms is that they provide updated content. In these modern times, E-learning assists people to harmonize with the world and keeps them at required momentum.

Screenshots:



Sign up

Your First Name

Your Last Name

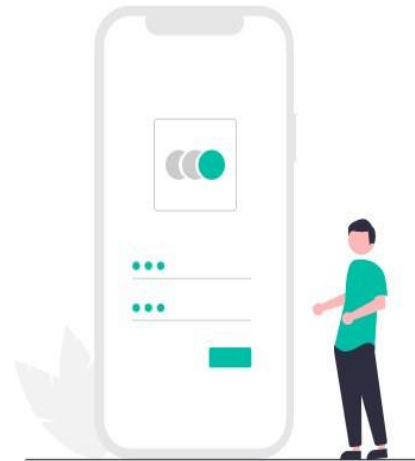
Your Email

Password

Enter your phone

☐ I agree all statements in [Terms of service](#)

Register



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logged in as guvir@mailinator.com

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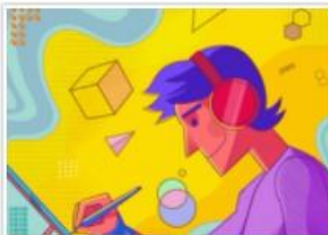
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Last Name

Select course name

C++



Give your feedback

feedback

Post

Conclusion:

E-learning is not just a change of technology. It is part of a redefinition of how we as a species transmit knowledge, skills, and values to younger generations of workers and students. E-learning is becoming increasingly prominent in tertiary education. All available evidence points toward growing enrolments and provision albeit from a low starting point. This platform inspires community engagement and inclusive learning environments through the use of emerging technologies.

The Major Goals Of e-Learning platform:

1. Enhance the quality of learning and teaching.
2. Meet the learning style or needs of students.
3. Improve the efficiency and effectiveness.
4. Improve user-accessibility and time flexibility to engage learners in the learning process.

Appendix

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