



NORTH SOUTH UNIVERSITY
PROJECT PROPOSAL

”E-learning platform”

DATABASE SYSTEM LAB
CSE311L
SECTION: 2

SEMESTER: SUMMER 2021

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1 Introduction

E-Learning platform exploits interactive technologies and communication systems to improve the learning experience. This platform will allow a student and self-learner to study from any place where they have a stable internet access. It also allows them to study at any time they find comfortable. Moreover, this also allows students to organize their time more effectively.

2 Objective

- To easily access a wide set of resources.
- Eliminating traditional limitations.
- To make learning sessions effective.
- To effortlessly blend in technology.
- Giving privilege to access content anytime.
- Save time, energy and money.
- To be able to customize learning sessions as per requirements.

3 Target Customers

- Students— In case of e-learning anyone can take service from this website but the majority will be students. This site will help students connect with new skills and passions, and witness individuals transform their professional path and livelihoods.
- Self-learner – In this world people from any sector can gain specific skills or knowledge by taking services from our site. It will help themselves in their professional life. After gaining a set of specific skills from our site they can able to get these skills works in their real life and can improve their career.

4 Value Proposition

With help of our e-learning site learners can access content anywhere and anytime. They don't need to take time out from their jobs to attend classes. Our e-learning tools enable learning designers to make content interactive. The more engaging the content is, the better the learners remember information. Each learner has unique preferences and learning goals. Our e-learning site 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.

5 Web Application Feature and description

The web page will load with a home page at the start. This part will have a similar view for everyone. The user has to create an account to proceed further. Upon creating an account, a user can do the followings.

- Scroll through various courses and resources.
- Suggestion for alternative.
- Enroll into desired course(s).
- See their progress in each course.
- Get suggestion about similar contents.
- Give rating and feedback.

There will be login option for the owner(s). They will have the authority to do the followings.

- Add more courses in the database.
- Upload more content under a particular course.
- Take down a course or delete a content from the server.
- Access information about a user.
- See ratings and feedbacks.

6 Tools and Resources

HTML

MySQL

PHP

Web server

7 Challenge

The excitement that comes with having implemented an E-learning platform can lead to underestimating the amount of time and effort that needs to be put into operating it smoothly. Course creation alone can take up significant chunks of working hours, especially if the courses are to be customised to fit the requirements specific to an organisation and its departments