



North South University

Department of Electrical and Computer Engineering

Project Proposal

"Educational Information Portal"

Database System Lab

CSE311L

Section: 1

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Submitted by

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1 Introduction

Education system in our country is very much backdated until now. Institutions use analog ways to keep the records of the students and teacher's data. But there are many school colleges and universities are now digitalized and they use their own portal respectively. This application will contain all the data of the institutions students and teachers. On the other hand, it will also notify the administration about the activities of the teachers and students.

2 Objectives

- To access the student's/teachers information easily.
- To get to know about the students CGPA/course history/attendance history.
- Teachers can access the student's information and their case file.
- About the academic curriculum.
- To get to know about both students and teachers working history.

3 Target customers

Educational institutions- it will help them to keep track with the students and teacher's activities. Teachers and students will have their separate portal to work with it will be beneficial to both the administration and their employees.

4 Value proposition

This website will reduce the bothering and time of students and teachers. A teacher can easily find the data about a specific students and their activities throughout this portal. Students can keep track with their grades and studies this will help them to be serious academically. Most importantly it will reduce the time and money of the administration to keep the records of their employees and students.

5 Web Application Feature and Description

This application will display the log in/ sign up page first for both students and teachers. Any one student or teacher of the institution will be able to view their specific portal and information they can access by the observation of the administration.

- Log in or sign up window will display at first.
- View CGPA and their general information.
- View their previous results and records.

- For the teacher's log in page will pop up at first in the portal after going into the website.
- They can view the student's information of all the course and sections.
- Keep track with the number of working days.
- Current status about their job and their students' academic performance.

6 Tools and Resources

HTML

CSS

PHP

JAVASCRIPT

WEB SERVER (MY SQL)

7 Challenges

One of the biggest challenge is cost. As there will be a huge data like image, SMS. There may be a chance of high cost maintenance. Second challenge will be the verification of data. We will need to check if the data entered are reliable or not. We have to use the NID system to ensure the reliability of the data. The design will need to be simple as an education institutions website. Lastly, the security of the data and maintaining the data base will be costly and difficult.