Project Report: SUB Student Portal

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Md. Khaled Saifullah Sadi
UG02-47-18-020
Department of Computer Science and Engineering
State University of Bangladesh (SUB)
Dhaka, Bangladesh
mdsadi4@gmail.com

Abstract—**A student portal acts as an online portal between students and the authority .The system is designed for State University Of Bangladesh. Every student can use this portal . It contains an admin who can see details of students. Students can register here using their ID number. Then they login using their ID password and edit their profile details and image. Using this portal students can complete their Course Registration .**

Index Terms—**Html,CSS,Boostrap,Php,SQL,Javascript**

I. INTRODUCTION

A website is a collection of web pages, thus a portal is a collection of services. The student portal is a gateway to connect many web applications which is useful for doing student activities.This portal is only for State University Of Bangladesh. The portal web page provides access to many applications such as find notice , Course registration and many more . Online student portal is a web application which is useful for students to choose right information.Get access only after his or her registration to the application. Thus a guest user can only view the home page of the web application. After the successful registration using their student ID , the student can make use of the services easily.

Student Web Portal project is developed using PHP, CSS, HTML, and JavaScript. Talking about the project, it has all the essential features required for the management of web portal sites for the students. This project is mostly from the users perspective. The users has full access to the system. In this project, all the main functions are well validated.

II. LITERATURE REVIEW

People in general and even some studies tend not to clearly being aware of the differences between data, information and knowledge (Bigliardi, 2010), data and information in particularare often used as synonymous terms. However, data has no functionality or benefits unlesshuman interpretation is being involved in transferring these data into information that is usefuland has functionality. Furthermore, information aims at reducing the level of uncertainty bymaking people informed and having knowledge about things, from this point it can be said thatinformation is knowledge but not all knowledge is information (Borglund, Engvall, 2014)

III. PROPOSED METHODOLOGY

Project is to maximize access to the information resources required to improve existing teaching and learning practices in education and aims to establish a technologically aware society.SUB Student Portal's have mainly 2 users in this application admin and student. The features of this application is divided into 6 module. They are,

1) User Module
2) Online Course Registration
3) Public Notice
4) Semester Fee Calculation
5) System Settings
6) Backup and Restore

After registration user can update their details like contact number , address ,educational activities.And also share their social media link. Students can register their course for semester . After online registration , Admin check registration form and after checking form admin can approve students registration . In this portal we mainly focused in this registration system. Public Notice is for all students . Non Register use also can read public notice. For easily calculation weaver and semester fee we add a calculator.System Setting use for control full Portal.Admin can Backup all data for data safety .
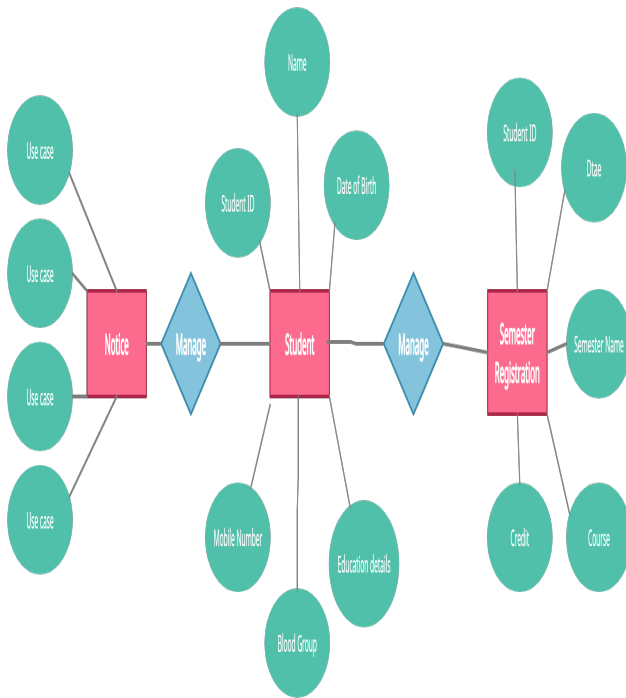
A. Front End Development

Our website's code was combined with the Hypertext Markup Language (HTML) to create a style sheet (CSS) language used for describing the look and formatting of a mark-up language-written document.

B. Back End Development

The back end is supported by the Database Management System (DBMS). The database management system is essentially software that allows us to create databases, add, delete, alter, and update tables. Tables can store various types of data, such as integers, variable characters, and so on. We chose the MySQL DBMS to hold the database in our application.MySQL is a database management system that uses a relational model. The main reason is that the MySQL development project has made its source code available under the General Public License (GNU), which is an open source web application .

IV. ENTITY RELATIONSHIP DIAGRAM

An Entity Relationship Diagram is a diagram that represents relationships among entities in a database. It is commonly known as an ER Diagram. An ER Diagram in DBMS plays a crucial role in designing the database. Today's business world previews all the requirements demanded by the users in the form of an ER Diagram. Later, it's forwarded to the database administrators to design the database.

In the following diagram we have three entities "Student","Semester Registration" and "Notice".Student Entity has attributes such as Name, Blood Group , Batch, Student ID, Address and Phone Number

V. PROJECT CODE

In this time, I complete the frontend of this projects.

Linked all external CSS file in all page of this project.

Linked all external JS file in all page of this project.

Some Code From SUB Student Portal
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VI. REQUIREMENTS

Language

- *Front-end : HTML, CSS and JavaScript*
- *Back-end : PHP and JavaScript*
- *Database : MySQL*

Framework

- *Front-end : Boostrap*
- *Back-end : phpCoreX*

Environment

- *Apache*
- *MySQL Server*
- *XAMPP*

VII. CONCLUSION AND FUTURE WORK

SUB Students Portal can be used by educational institutions to maintain their student records easily. Achieving this objective is difficult using the manual system as the information is scattered, can be redundant, and collecting relevant information may be very time-consuming.
In future , we add more features in this SUB Students Portal likes Result,Community forum and many more. In future we add all department students in this portal.

REFERENCES

[1] www.studentportal.diu.edu.bd
[2] www.rds3.northsouth.edu