

# Project Report: SUB Registration Form

CSE-0318 Summer 2021

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## ACKNOWLEDGMENT

I would like to thank my honourable **Khan Md. Hasib Sir** for his time, generosity and critical insights into this project.

**Abstract**—In this project making an online course registration form for an university is to be developed with a front-end web interface and a back-end database. An example of the system would be SUB Registration. Any database can be chosen as the back-end such as MySQL. Any web server can be chosen for the front-end. Any server side language can be chosen such as PHP.

**Index Terms**—MySQL: MySQL is a RDBMS based on SQL which is used for adding, removing and modifying information in the database.

**RDBMS:** Relational Database Management System

**HTML:** Hypertext Markup Language is use to create interface element.

**PHP:** Hypertext Preprocessor

**CSS:** Cascading Style Sheet

## I. INTRODUCTION

Student course registration are a vital part of any university's. A poor course registration system can mean fewer students taking a course in a new semester because of mistakes or an overly slow response time. Student course registration is the project which is helpful for students and as the department. In this project the student is facilitated by taking courses, implementing their installment payment information and inputting their personal information. Through this system we overcome many problems. 1. Time and money saved. 2. Nothing to be done manually.

## II. LITERATURE REVIEW

An online student registration system streamlines the application, registration, and monitoring of students in a school or training institute. According to Morris Wall (1990), online registration systems are websites that allow users to sign up for memberships, events and training by completing a form. Online registration systems are replacing manual processes, such as registering by telephone, mail or at events using paper forms. Many universities and educational institutions have a wide range of courses, students and faculty (Wells 2001). Registering for classes online reduces paperwork, personnel, cost and conserves resources. It has been defined by Ralph E. Johnson (1996) as a system where many of you register for

courses online. The computer knows all the courses that are available each semester and also knows which ones you are taking. It makes sure that a student can't register for too many courses, and that a course is not oversubscribed.

## III. FEASIBILITY ANALYSIS

This project system was developed where a student can register himself. The registration form has been designed to be user friendly and easy to fill by the students. The project can be undertaken with available technology and resources.

## IV. MINIMUM REQUIREMENT

Hardware Requirements:

1. Pentium-III Processor with 512 MB RAM

2. Screen resolution viewing of at least 800\*600 is required for proper and complete viewing of screens. Higher resolution will be accepted.

Software Requirements:

1. Operating system:- Windows XP/7/8.1/10

2. Application Software:- XAMPP, notepad++

## V. PROPOSED METHODOLOGY

### A. System Design

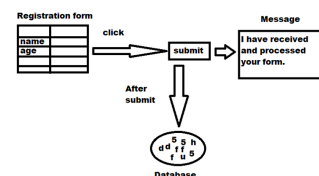


Fig. 1. system diagram.

### B. Use Case Diagram

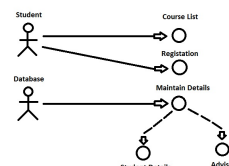


Fig. 2. system diagram.

```
1 body{
2 margin: 0;
3 padding: 0;
4 text-align: center;
5 background: linear-gradient(rgba(0,0,50,0.5),rgba(0,0,50,0.5)),url(download.jpg);
6 background-size: cover;
7 background-position:center;
8 font-family: sans-serif;
9 }
```

Fig. 3. css code.

```

1 <html>
2 <head>title:registration</title></head>
3 <center>body text</center>
4 <link rel="stylesheet" type="text/css" href="hom.css"/></link>
5 <h2><div class="logo"></div>STATE UNIVERSITY OF BANGLADESH</h2>
6 </div>
7 <p>Department of Computer Science & Engineering</p>
8 <p>Dr. Sc. in CSE</p>
9 <p>Registration Form Summer 2021</p>
10 </p>
11 </div>
12 <form action="hom.php" method="POST">
13 <table border="1" bordercolor="" cellpadding="8" width="100%">
14 <tr>
15 <td><input type="text" name="id"/></td>
16 </tr>
17 <tr>
18 <td><input type="text" name="name"/></td>
19 </tr>
20 <tr>
21 <td><input type="text" name="gender"/>
22 </td>
23 <td><input type="text" name="guardian"/>
24 </td>
25 <td><input type="text" name="contact"/>
26 </td>
27 <td><input type="text" name="scnumber"/>
28 </td>
29 <td><input type="text" name="relationship"/>
30 </td>
31 <td><input type="text" name="email"/>
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33 <td><input type="text" name="bankid"/>
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35 <td><input type="text" name="hksaid"/>
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37 <td><input type="text" name="campus"/>
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39 <td><input type="text" name="date"/>
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233 <td><input type="text" name="cc96"/>

```

Fig. 4. htmal and php code.

Server: 127.0.0.1 » Database: reg » Table: user

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Tracking](#)
[Triggers](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	varchar(20)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 2	name	varchar(40)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	gname	varchar(40)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	cnumber	int(20)			No	None			Change  Drop  More
<input type="checkbox"/> 5	scnumber	int(20)			No	None			Change  Drop  More
<input type="checkbox"/> 6	gender	text	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 7	other	varchar(40)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 8	email	varchar(30)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 9	bankid	varchar(40)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 10	bikashid	int(20)			No	None			Change  Drop  More
<input type="checkbox"/> 11	campus	varchar(50)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 12	tdate	date			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 13	totalc	float			No	None			Change  Drop  More
<input type="checkbox"/> 14	cc1	varchar(10)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 15	ct1	varchar(40)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 16	cd1	float			No	None			Change  Drop  More

Fig. 5. database.



# STATE UNIVERSITY OF BANGLADESH

Department of Computer Science & Engineering

B. Sc. in CSE

Registration Form Summer 2021

Student's ID Number:			
Student's Name:			
Guardian's name:			
Guardian's Contact Number:		Student's Contact Number:	
Relationship with the guardian:	--Select--	Other (Specify):	
Email Id:			

First installment (5000 Tk) payment info:	
Bank Transaction ID:	
bKash Transaction ID:	
At Campus:	
Transaction Date:	mm/dd/yyyy
NB: In case of direct payment in SUB attach the scan copy of money receipt with the registration form.	

Total credit completed:

Course's to be taken:	
Course Code	Course Title
	Course Credit

Fig. 6. output of this project.

## VI. CONCLUSION AND FUTURE WORK

This project was developed keeping in mind the functionalities for students and advisors. This project provides all the functionalities specified in the project document. We tried to simulate the real world environment by generating loads of data from the university itself. Much functionalities can be added over the existing one so that the system has more enhanced features and its more efficient.

## REFERENCES

- [1] Bours, G. J., Halfens, R. J., Lubbers, M., & Haalboom, J. R. (1999). The development of a national registration form to measure the prevalence of pressure ulcers in The Netherlands. *Ostomy/wound management*, 45(11), 28-33.
- [2] Lobo, A., Huyse, F. J., Herzog, T., Malt, U. F., & Opmeer, B. C. (1996). The ECLW collaborative study II: patient registration form (PRF) instrument, training and reliability. *Journal of psychosomatic research*, 40(2), 143-156.