

# Ahsanullah University of Science & Technology

Department of Computer Science & Engineering



## Network Programming Lab (CSE 4226)

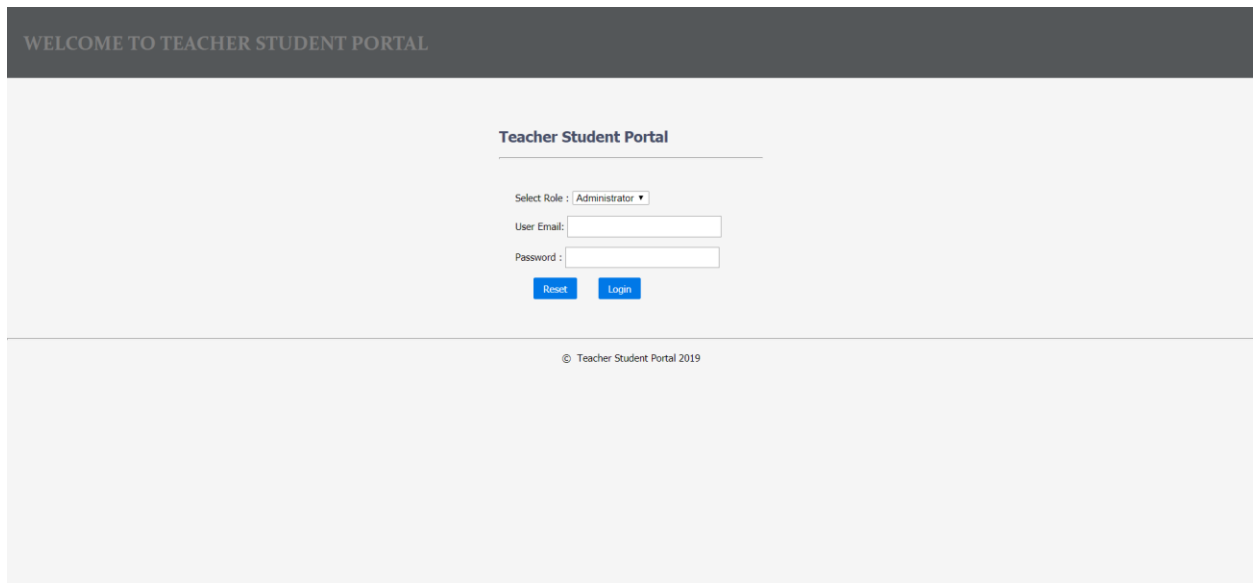
## Teacher Student Portal

### Submitted By

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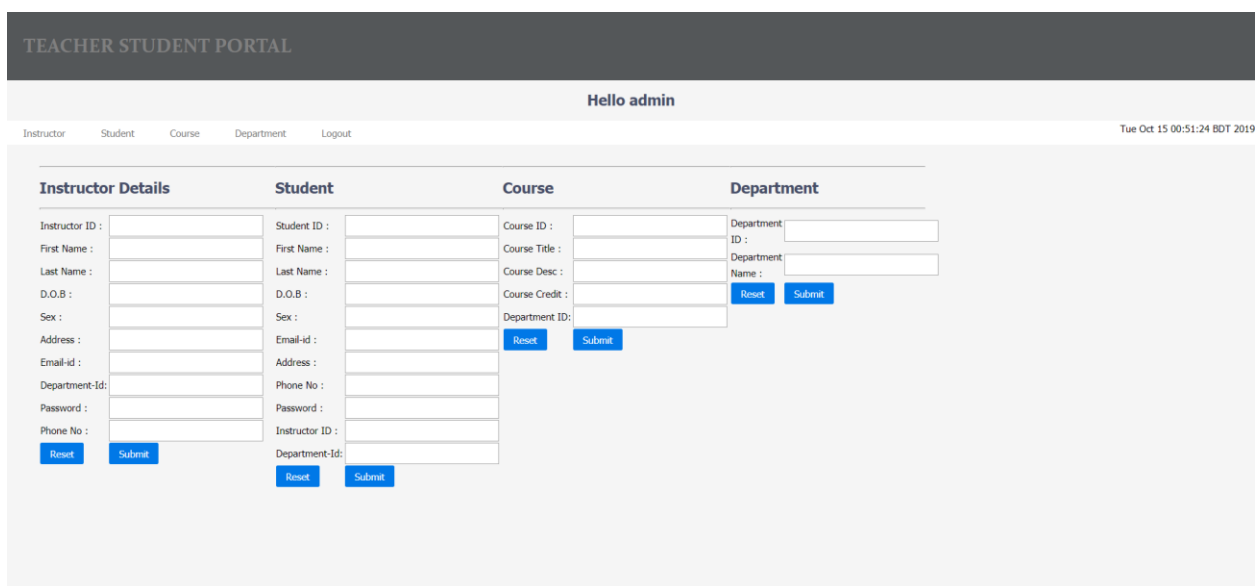
## Description:

“Teacher Student Portal” is a management system where students can register their profile and get their course results. There is an Admin Panel where admin can control everything in the system like he/she can register Student, Instructor, Course, Department information through it. A student can enroll any course under any teacher in our system. Instructor will update the marks of the students who are enrolled with him/her. Instructor can also update their profile.



The screenshot shows the login page of the Teacher Student Portal. At the top, there is a dark grey header with the text "WELCOME TO TEACHER STUDENT PORTAL". Below this, the page title "Teacher Student Portal" is centered. The login form includes a "Select Role" dropdown menu set to "Administrator", a "User Email:" input field, and a "Password:" input field. There are "Reset" and "Login" buttons below the password field. At the bottom, a copyright notice reads "© Teacher Student Portal 2019".

Fig 1: Login Page



The screenshot shows the Admin Panel of the Teacher Student Portal. At the top, there is a dark grey header with the text "TEACHER STUDENT PORTAL". Below this, the page title "Hello admin" is centered. The Admin Panel features a navigation bar with links for "Instructor", "Student", "Course", "Department", and "Logout". The date and time "Tue Oct 15 00:51:24 BDT 2019" are displayed on the right. The main content area is divided into four sections: "Instructor Details", "Student", "Course", and "Department". Each section contains a form with various input fields and "Reset" and "Submit" buttons. The "Instructor Details" form includes fields for Instructor ID, First Name, Last Name, D.O.B, Sex, Address, Email-id, Department-Id, Password, and Phone No. The "Student" form includes fields for Student ID, First Name, Last Name, D.O.B, Sex, Email-id, Address, Phone No, Password, Instructor ID, and Department-Id. The "Course" form includes fields for Course ID, Course Title, Course Desc, Course Credit, and Department ID. The "Department" form includes fields for Department ID and Name.

Fig 2: Admin Panel

TEACHER STUDENT PORTAL

Hello Ashraful

[Update Profile](#)[View Grade](#)[Logout](#)

Tue Oct 15 00:52:05 BDT 2019

Update your Profile  
Update Student Grade

INSERT GRADE

Grade :

Student ID :

Class ID :

Reset

Submit

Fig 3: Instructor Panel

TEACHER STUDENT PORTAL

Home

Logout

Tue Oct 15 00:52:42 BDT 2019

View your Details Here

Hello Rumman

Update your Profile

View ur grade

a+

Fig 4: Student Profile

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TEACHER STUDENT PORTAL

[Home](#)
[Logout](#)
Tue Oct 15 01:17:20 BDT 2019

Update your Details Here

ID	<input type="text" value="105"/>
FIRST_NAME	<input type="text" value="Rumman"/>
LAST_NAME	<input type="text" value="Ali"/>
DOB	<input type="text" value="4-1-1995"/>
SEX	<input type="text" value="male"/>
ADDRESS	<input type="text" value="Dhaka"/>
EMAIL	<input type="text" value="rumman@gmail.com"/>
Phone	<input type="text" value="01713223345"/>
Password	<input type="text" value="rumman"/>
Instructor Id	<input type="text" value="203"/>
Department Id	<input type="text" value="100"/>

Update

Fig 5: Updating Student Profile

TEACHER STUDENT PORTAL

[Home](#)
[Logout](#)
Tue Oct 15 01:18:49 BDT 2019

TABLE REPRESENT GRADE DETAILS

Grade	Student Id	Class ID
a	106	500
a	101	500
b	102	501
c	103	503
a	104	501
f	107	107
a+	111	111
b	123	123
f	456	123
d	1234	4321
a+	01718	01718
a+	01718	502
f	01718	302
d	102	200
a+	102	501

Fig 6: Students Grade

DEPARTMENT DATA

Home

Logout

Tue Oct 15 01:19:23 BDT 2019

TABLE REPRESENT DEPARTMENT DETAILS

Department Id	Department Name	Edit	delete
100	CSE	<a href="#">Edit</a>	<a href="#">Delete</a>
200	EEE	<a href="#">Edit</a>	<a href="#">Delete</a>
300	Civil	<a href="#">Edit</a>	<a href="#">Delete</a>
400	Mechanical	<a href="#">Edit</a>	<a href="#">Delete</a>
500	IPE	<a href="#">Edit</a>	<a href="#">Delete</a>
600	Textile	<a href="#">Edit</a>	<a href="#">Delete</a>
700	Architecture	<a href="#">Edit</a>	<a href="#">Delete</a>
800	English	<a href="#">Edit</a>	<a href="#">Delete</a>

Fig 7: Department Details

COURSE DATA

[Home](#)

[Logout](#)

Tue Oct 15 01:19:49 BDT 2019

TABLE REPRESENT COURSE DETAILS

Course Id	Course TITLE	Course DESC	Course CREDIT	Edit	delete
111	Network Programming	JAVA Sevlet	3	<a href="#">Edit</a>	<a href="#">Delete</a>
112	Pattern Recognition	SVM	3	<a href="#">Edit</a>	<a href="#">Delete</a>
113	Computer Graphics	Fragment Shader	3	<a href="#">Edit</a>	<a href="#">Delete</a>
221	Basic Electronics	Circuit	3	<a href="#">Edit</a>	<a href="#">Delete</a>
771	Basic Drawing	Free Hand Drawing	3	<a href="#">Edit</a>	<a href="#">Delete</a>
881	Basic English	Phonetics	3	<a href="#">Edit</a>	<a href="#">Delete</a>

Fig 8: Course Details

## **Features:**

- Admin registers “Instructor”, “Student”, “Course”, “Department” information.
- He/she can manage the registered information through admin panel.
- Instructor can update the result of students who are enrolled with him/her.
- He/she can also manage his/her profile.
- Student can enroll their course and department under any registered instructor of the system.
- They can see their results which they are enrolled with the instructor.

## **Requirements:**

1. Platform: Java
2. Technology: Java servlet, JSP
3. Database: MySQL
4. Server: GlashFish

## **Future Plan:**

We have a plan in future to improve our system like above-

- We will update the design of our system.
- Design will be responsive.
- Try to improve the database of our system.
- We will try to implement Automatic Routine System where any instructor can see their course details and class time through their profile
- Instructors can contact directly with the students through Virtual Classroom like Google Classroom.
- Students can give their opinion about their enrolled instructors through the system just like IUMS Teacher Evolution System.

## **Conclusion:**

“Teacher Student Portal” is a system where instructors and students can communicate each other. Admin can manage everything in the system. Instructor can update the result of their course and students can see the result. In future we are looking forward to adding more functions to make it a better system.