



American International University- Bangladesh
CSC 3215: Web Technologies
CO1.1 and CO2.1 Evaluation
Project Report
Fall 23-24

AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)

FINAL-TERM EXAMINATION PERMIT
for
2023-2024, Fall

ID	20-44367-3	Name	S M FAISAL
CGPA	3.86	Program	BSc CSE
Cr. Cpl	106	Permit No	00589351774

COURSES			
CCODE	COURSE NAME	CR	INITIAL
01480	COMPILER DESIGN [D]	3	
01604	RESEARCH METHODOLOGY [A]	3	
00752	ENGINEERING MANAGEMENT [H]	3	
01643	WEB TECHNOLOGIES [I]	3	

PARTICULARS	AMOUNT
Previous Balance	00
Current Balance	93500.00
Other Charges	00
Amount Paid	93500.00
Total Balance	00

Checked & Verified by

ADDITIONAL REGISTRAR

Approved by

AUTHORIZED SIGNATURE

Copy Count 1

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Printed by: 20-44367-3

"Where Leaders are Created"

Permit of S M Faisal

Project Title: University Management System

Section: I

Group No: 7

Student Name	Student Id
Md.Kudrot-E-Khoda	20-43693-2
Mahashetab Hassan	21-44361-3
S M Faisal	20-44367-3
Md. Rased Hasan Rokon	21-44574-1

University Management System

Introduction:

Our motivation for the "University Management System" project stems from a desire to assist universities without a web application. Recognizing that some institutions lack a digital platform for management tasks, our aim is to create a user-friendly system that can be shared with other universities. By doing so, we hope to extend the benefits of streamlined operations and improved communication to institutions that may not currently have access to such technological solutions.

Background Study

For our background study, we closely examined our university's existing web application as a primary reference. This web application serves as a valuable benchmark, providing insights into the structure, features, and functionalities currently employed by our institution. By analyzing this platform, we aim to draw inspiration and identify areas for improvement in order to enhance the user experience and tailor the functionalities of our "University Management System" project to meet the unique needs of our academic community.

Requirement Analysis:

1. User Category:

There are n-types of Users here. They are:

- Student
- Staff
- Teacher
- Admin

2. Feature List:

In this project the “Student” has the following features:

- Login
- Profile (View)
- Logout
- Dashboard
- Course Details
- Assignment details
- Parent’s Guardian Information
- Financial Management(Fees, Payment)

In this project the “Staff” has the following features:

- Login
- Profile (View)
- Logout
- Dashboard
- Search by different types of departments
- Financial Management(salary)
- View entry-exit time and off-day of staff



University Management System

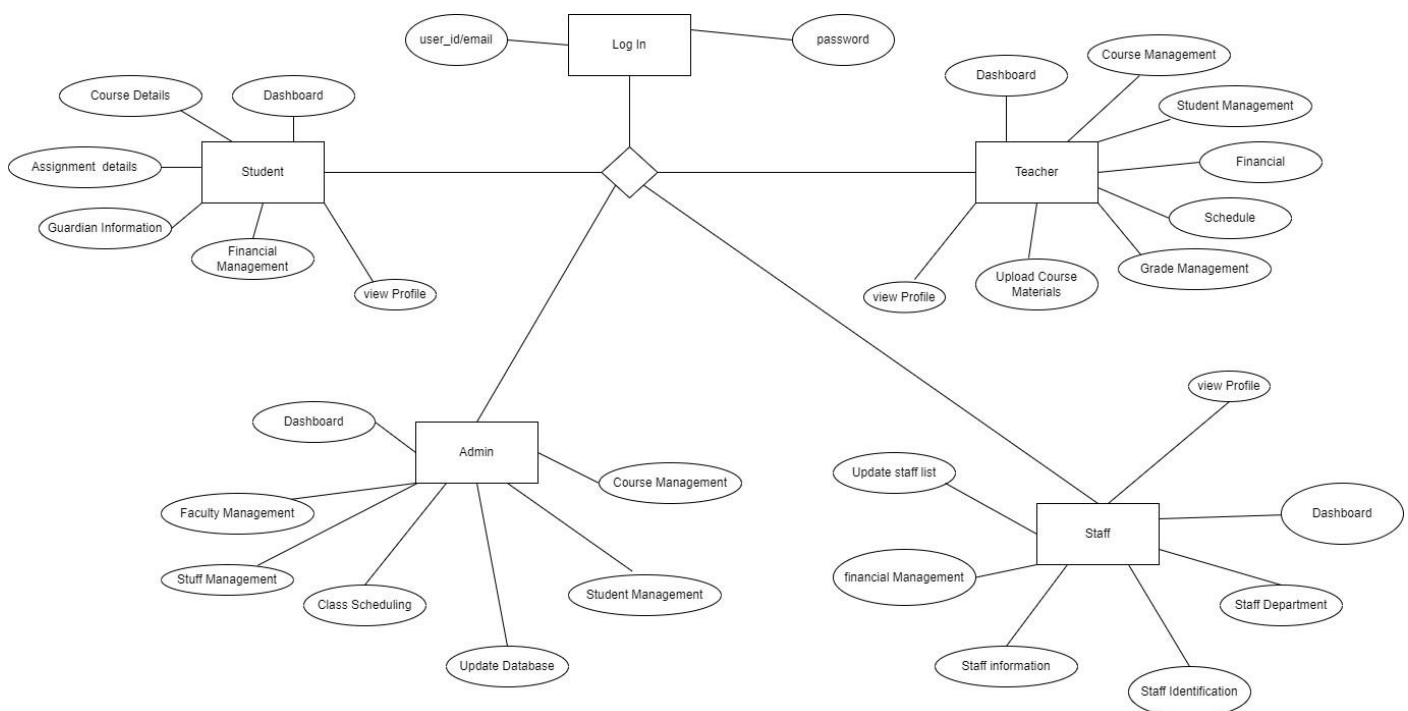
In this project the “Admin” has following features:

- Dashboard
- Faculty management
- Student management
- Class scheduling
- Stuff management
- Update database

In this project the “Teacher” has the following features:

- Login
- Profile (View)
- Logout
- Dashboard
- Course Details
- Assign assignment to a specific section of a course
- View assigned assignments
- Update and reset marks for individual students for a specific section of a course
- Drop individual students for a specific section of a course
- Forget password

ER Design:



Tools Used:

To develop this project, we have used the following:

- Visual Studio
- Xampp
- draw.io
- Apache
- MySQL
- Microsoft Word



University Management System

System Images against the Specification:

Screenshot of adding new users:

Admin will manage all other users(staff, teacher and student)

Faculty Management

Log Out

Go to Dashboard

User ID	First Name	Last Name	Gender	Date of Birth	Blood Group	Religion	NID	Father's Name	Mother's Name	SSC GPA	HSC GPA	BSc GPA	MSc GPA	Email	Password	Faculty	Action
5011	Ahmed	Hossain	Male	2001-11-24	O+	Islam	1100000001	Abu	A Begum	5	5	1	3.8	ah@gh.com	630	FACULTY OF SCIENCE & TECHNOLOGY	<div>Edit</div> <div>Delete</div>
5012	Ahmed	Hossain	Male	2001-11-24	B+	Islam	1100000001	Abu	A Begum	5	5	4	4	ah@gh.com	432	FACULTY OF SCIENCE & TECHNOLOGY	<div>Edit</div> <div>Delete</div>
5014	MD Rashed Hossain	Rakib	Male	2021-11-03	A+	Islam	999999997	gR@gh	gR@gh	4.3	4.11	3.33	3.13	rashedhossain@gmail.com	3054	FACULTY OF SCIENCE & TECHNOLOGY	<div>Edit</div> <div>Delete</div>
5014	MD Rashed Hossain	Rakib	Male	2021-11-03	A+		2147483647	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	4.3	4.11	3.33	3.13	rashedhossain@gmail.com	999999998	FACULTY OF BUSINESS ADMINISTRATION	<div>Edit</div> <div>Delete</div>
5015	MD Rashed Hossain	Rakib	Male	2021-11-03	A+		2147483647	ABCD	XXXXXXXXXXXXXXX	4.3	4.11	3.33	3.13	rashedhossain@gmail.com	999999999		<div>Edit</div> <div>Delete</div>
5018	MD Rashed Hossain	Rakib	Male	2021-11-03	A+	Islam	2147483647	ABCD	ABCD	4.3	4.11	3.33	3.13	21483767@gmail.com	5404	FACULTY OF ENGINEERING	<div>Edit</div> <div>Delete</div>
5019	Bodhan	S	Male	2021-12-07	B+	Islam	2147483647	S	ABCD	4.3	4.11	3.33	3.13	rashedhossain@gmail.com	XXXXXXXXXXXXXXX	FACULTY OF ENGINEERING	<div>Edit</div> <div>Delete</div>

Insert Faculty Information

First name

Last name

Gender

Male

Female

Others

Date of birth

Blood Group

Religion

NID

Father's name

Mother's name

SSC Result

HSC Result

BSc Result

MSc Result

Email

Password

Faculty

Insert Faculty

Student Management

Log Out

Go to Dashboard

User ID	First Name	Last Name	Gender	Date of Birth	Blood Group	Religion	NID	Father's Name	Mother's Name	SSC GPA	HSC GPA	Email	Password	Department	Action
1001	Mahmudul	Hossain	Male	2007-04-05	AB+	Islam	2000000001	Kabir	a	5	4.8	mahmud@op.com	12345	CSE (FST)	<div>Edit</div> <div>Delete</div>
1002	Prithon	Bhowas	Male	2018-10-02	B+	Hindu	1100000006	Polaah	c	4.88	5	prithon@gmail.com	12345	EEE (FE)	<div>Edit</div> <div>Delete</div>
1004	Rudy	Robertson	Male	2003-11-11	O+	Christian	2000000222	Mr Robert	Ms Robert	4.88	4.9	rob@gh.net	656564	EEE (FE)	<div>Edit</div> <div>Delete</div>
1003	Soraja	Bryant	Female	2003-11-19	AB+	Christian	10099999	Mr Bryant	Ms Bryant	5	5	so@gh.com	741963	LLB (FASB)	<div>Edit</div> <div>Delete</div>
1006	Ted	Robertson	Male	2003-11-11	O+	Christian	2000000223	Mr Robert	Ms Robert	4.88	4.9	ted@gmail.net	369987	EEE (FE)	<div>Edit</div> <div>Delete</div>

Insert Student Information

First name

Last name

Gender

Male

Female

Others

Date of birth

Blood Group

Religion

NID

Father's name

Mother's name

SSC Result

HSC Result

Email

Password

Department

Insert Student

Staff Management

Log Out

Go to Dashboard

User ID	First Name	Last Name	Gender	Date of Birth	Blood Group	Religion	NID	Father's Name	Mother's Name	Email	Password	Action
8001	Rashed	Khan	Male	2007-04-05	B-	Islam	1000000001	Abdul Khan	Mina Begum	rashed@er.com	684973	<div>Edit</div> <div>Delete</div>
8002	Rofiq	Khan	Male	2007-04-05	B-	Islam	1000000002	Abdul Khan	Mina Begum	rashed@er.com	696066	<div>Edit</div> <div>Delete</div>
8003	Roger	Todd	Male	2013-11-15	B-	Christian	1100004444	Abrii Mcknight	Annabelle Frye	rog@j.com	6963399	<div>Edit</div> <div>Delete</div>
8004	Kyle	Choi	Female	2010-10-01	A+	Buddha	90999966	mr choi	ms choi	kchoi@gm.c	775577	<div>Edit</div> <div>Delete</div>
8005	Roger	Todd	Male	2013-11-15	B-	Christian	1100004444	Abrii Mcknight	Annabelle Frye	rog@j.com	6963399	<div>Edit</div> <div>Delete</div>
8006	Irene	Choi	Female	2013-11-10	A+	Buddha	90999999	mr choi	ms choi	kchoi@gm.c	775577	<div>Edit</div> <div>Delete</div>

Insert Staff Information

First name

Last name

Gender

Male

Female

Others

Date of birth

Blood Group

Religion

NID

Father's name

Mother's name

Email

Password

Insert Staff

Notice Management

Log Out

Go to Dashboard

Insert Notice

Notice

Insert Notice

Notice ID	Notice	Date	Action
1	Vacation from 2nd January,2024 to 25th January,2024	2023-12-24	<div>Edit</div> <div>Delete</div>
5	Last Payment Date of final registration 05-January-2023	2023-12-24	<div>Edit</div> <div>Delete</div>
7	Online classes will held on MS Teams as per the regular class schedule on 26-Dec-2023	2023-12-24	<div>Edit</div> <div>Delete</div>

Users' dashboards will display notices assigned by administrators, covering the notices from the last five days.



University Management System

Admin have the authority to add students, teachers, and staff to the system. To access any user account, administrators must log in using provided usernames and passwords; users cannot self-register or create their own accounts. Also he can post notice, and all other users can see these notices[last 5 days] to their dashboard. Below is the screenshot of **viewing notice from teachers[similar for all other users] dashboard**:

Dashboard Courses Profile Edit Profile Change Password

Welcome S M Faisal!

Notices[Last 5 days]:

Date	Notice
2023-12-25	Next friday is off day
2023-12-25	From monday to thursday all class will be online.
2023-12-25	University will close on sunday

Log Out

University Management System

Every user can login to the system by userID and password provided by the Admin.

University Management System

Login in with your organizational id number

faisal

.....

[Forgotten password?](#)

Log in

University Management System

Project by: S M Faisal
Contact: 01305619071
project submitted to: MIR MD. KAWSUR Sir

After successfully login to the system by teacher, can add assignment to specific section of a course:

Assign Assignment

Assignment Title:

Due Date:

Assignment Marks:

Assign Assignment

View All Assigned Assignments/Reload

Assignment Title	Due Date	Assignment Marks
ass-1	2023-12-15	15
ass-2	2023-12-20	1
ass-3	2023-12-19	5
ass-4	2023-12-21	15
ass-5	2023-12-21	5

login-portal for teacher/student/stuff

MEMBER 101 credit: 3 You have to pay 16500 tk only

YOU HAVE TO PAY 15,000 tk ONLY

Assignment 1
101
Got Marks:85
Due date: 2023-01-10

Assignment 3
103
Got Marks:78
Due date: 2023-03-20

Assignment 5
105
Got Marks:88
Due date: 2023-05-30

Assignment 2
102
Got Marks:92
Due date: 2023-02-15

Assignment 4
104
Got Marks:95
Due date: 2023-04-25

Assignment 6
106
Got Marks:91
Due date: 2023-06-05

Available Courses

Students can see the assignments assigned by teacher



University Management System

Teacher can manage marks or drop a student from the Course of a specific sections students below the screenshot:

View available courses for student portal:

View All Students/Relode Students

Enrolled Students						
Student ID	Student Name	Email	Mid marks	Final marks	Total marks	Actions
2	Sajib Ghosh	sajib@gmail.com	<input type="text"/>	<input type="text"/>	<input type="text"/>	Update Drop
1	S M Faial	unf@gmail.com	<input type="text"/>	<input type="text"/>	<input type="text"/>	Update Drop
4	Rokon Akmal	rokon@gmail.com	<input type="text"/>	<input type="text"/>	<input type="text"/>	Update Drop
3	Mahmud Hossain	mahmudh@gmail.com	<input type="text"/>	<input type="text"/>	<input type="text"/>	Update Drop
9	MD Ali Sun	sun@gmail.com	<input type="text"/>	<input type="text"/>	<input type="text"/>	Update Drop
10	MD Moon	moon@gmail.com	<input type="text"/>	<input type="text"/>	<input type="text"/>	Update Drop
6	S M Fahim	fahim@gmail.com	<input type="text"/>	<input type="text"/>	<input type="text"/>	Update Drop
8	S M Shakil	shakil@gmail.com	<input type="text"/>	<input type="text"/>	<input type="text"/>	Update Drop
5	Sanna Akter Sanna	sanna@gmail.com	<input type="text"/>	<input type="text"/>	<input type="text"/>	Update Drop

Email of Instructor-> kawsur@edu.com
Id : c- 1
course_name: DIFFERENTIAL CALCULUS & CO-ORDINATE GEOMETRY
credit : 3
[Enroll Now...](#)

Email of Instructor-> rupai@edu.com
Id : c- 2
course_name: PHYSICS 1
credit : 3
[Enroll Now...](#)

Email of Instructor-> abhijit@edu.com
Id : c- 3
course_name: PHYSICS 1 LAB
credit : 1
[Enroll Now...](#)

Email of Instructor-> kawsur@edu.com
Id : c- 4
course_name: ENGLISH READING SKILLS & PUBLIC SPEAKING
credit : 3
[Enroll Now...](#)

Email of Instructor-> rupai@edu.com
Id : c- 5
course_name: INTRODUCTION TO COMPUTER STUDIES
credit : 3
[Enroll Now...](#)

Email of Instructor-> rupai@edu.com
Id : c- 6
course_name: INTRODUCTION TO PROGRAMMING LAB
credit : 1
[Enroll Now...](#)

Email of Instructor-> kawsur@edu.com
Id : c- 7
course_name: INTRODUCTION TO PROGRAMMING

Enrolled courses by student:

Quantity of your Courses: 5

Email of Instructor:
rupai@edu.com
Course Id: c- 2
course_name: PHYSICS 1
credit: 3
You have to pay 16500 tk only

Email of Instructor:
kawsur@edu.com
Course Id: c- 1
course_name: DIFFERENTIAL CALCULUS & CO-ORDINATE GEOMETRY
credit: 3
You have to pay 16500 tk only

Email of Instructor:
kawsur@edu.com
Course Id: c- 1
course_name: DIFFERENTIAL CALCULUS & CO-ORDINATE GEOMETRY
credit: 3
You have to pay 16500 tk only

Email of Instructor:
rupai@edu.com
Course Id: c- 2
course_name: PHYSICS 1
credit: 3
You have to pay 16500 tk only

Email of Instructor:
rupai@edu.com
Course Id: c- 2
course_name: PHYSICS 1
credit: 3
You have to pay 16500 tk only



University Management System


Screenshots of profiles of users:

Teacher:

[Dashboard](#) [Courses](#) [Profile](#) [Edit Profile](#) [Change Password](#)

Profile

[Want to edit profile?](#)
[Change password](#)


[Change Photo](#)

General Information:

First Name: S M
Last Name: Faisal
Father's Name: MD Sultan Ali
Mother's Name: MST Fatema Akter
Gender: male
Blood Group: O-
Religion: Muslim

Contact Information:

Email: smf48406@gmail.com
Phone/Mobile: +8801305619071
Website:
Address: ECB Chattar, Dhaka, 1221, Bangladesh

Academic Information:

SSC Information:

School Name: CPSCS
GPA: 5.00
Passing Year: 2017

HSC Information:

College Name: CPSCS
GPA: 5.00
Passing Year: 2019

BSc Information:

University Name: AIUB
CGPA: 3.86
Passing Year: 2024

MSc Information:

University Name: AIUB
CGPA: 3.90
Passing Year: 2026

Security Questions:

N.B. If you forget your password then after matching at least 3 answers, we will let you recover your account.

1. In what city or town did your mother and father meet?: Thakurgaon
2. What is your favorite movie?: *Not set
3. What was your favorite sport in high school?: Cricket
4. Who was your childhood hero?: *Not set
5. When you were young, what did you want to be when you grew up?: Cricketer
6. In what city were you born?: *Not set

Account Information:

User ID: 36
Username: faisal
Password: sub<>ese

[Log Out](#)

University Management System


Project by: S M Faisal
Contact: 01305619071
project submitted to: MDR MD. KAWSER Sir

Student:

[ROSE UNIVERSITY](#) [Home](#) [Academics](#) [Contact](#) [Portal](#) [profile](#) [Logout](#)

[Edit Profile](#)
[Contact Information](#)
[Account Information](#)
[Academic Information](#)

General Information


[change photo](#)

First Name : Enam
Last Name : e-sheda
Father's Name : Alauddin
Mother's Name : Eshedin
Date Of Birth : 2023-11-24
Gender : male
Blood Group : B+
Religion : Muslim

General Information

N.B. If you forget your password then after matching at least 3 answers, we will let you recover your account.

1. In what city or town did your mother and father meet?: Thakurgaon
2. What is your favorite movie?: *Not set
3. What was your favorite sport in high school?: Cricket
4. Who was your childhood hero?: *Not set
5. When you were young, what did you want to be when you grew up?: Cricketer
6. In what city were you born?: *Not set


Account Information:

Email : smf48406@gmail.com
Phone/Mobile : +8801305619071
Present Address : Bangladesh, Dhaka

General Information

Mother's Name : Eshedin
Date Of Birth : 2023-11-24
Gender : male
Blood Group : B+
Religion : Muslim

Staff:


[Upload Profile Image](#)

Phone :	01704400367
Email :	siam589971@gmail.com
Website :	mahsetab.com
Blood Group :	A-
Address :	Bashundhara R/A, Dhaka 1229

[Edit Profile](#)



University Management System

Search and view staff list all the department and delete staff from the list:

[Home](#) [Profile](#) [Update Profile](#) [Change Password](#) [Logout](#)

All Department

[Finance](#) [Register/Office](#) [IT](#) [Security](#) [Library](#)

STAFF LIST :

Search: [Search](#)

Serial	Staff ID	Name	Number	Email	Type
1	20.11111.3	AB Based	01963782763	based123@gmail.com	Delete
2	21.22223.1	Shihab Sadik	01735647827	shihab@gmail.com	Delete
3	20.47635.1	Mahmudul Hassan	01687352683	mahmudul67@gmail.com	Delete
4	23.22232.1	Hasan Sakib	01387564978	sakib@gmail.com	Delete
5	22.63542.2	Tamim Iqbal	01822222226	tamim@gmail.com	Delete
6	20.74653.1	MH Riyad	01363782755	riyad@gmail.com	Delete
7	21.65836.3	Mehedi Miraj	01765893638	miraj@gmail.com	Delete
8	21.47335.3	Sabbir Rahman	01953728254	sabbir23@gmail.com	Delete
9	20.45637.1	Erat Jahan	01954364856	erat@gmail.com	Delete

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Mahashebab Hassan

Impact of this Project:

Our "University Management System" holds significant importance in modern society, particularly in Bangladesh where several government national universities lack online management tools. This project aims to bridge this gap, providing efficient solutions for academic activities. By introducing a user-friendly web application, we empower institutions to streamline their processes, enhance communication, and embrace the digital era, ultimately benefiting students, faculty, and staff.

Limitations and Possible Future Improvements:

While our project currently addresses key functionalities, there are limitations. Database bugs persist, and we acknowledge the need for a comprehensive four-step validation process, we did only 3 validation html, js and php validation and did not use database validation. Additionally, due to a small team, certain roles were overlooked. Future improvements involve refining database functionality and expanding roles to ensure a more robust and inclusive system.

CO1.1 and CO2.1 Evaluation: Project Report Evaluation

Project Proposal (5)	Background Study (5)	Requirement Analysis (5)	Entity Diagram (5)	System Images against the Specification (5)	Total (25)

