

# Student Result Management System

## Course Information

**Course:** CSE 480 Web Database Programming (Sections 1)

**Instructor:** Abdus Satter, Adjunct Faculty, CSE Dept.

## Project Name

<b>Title of Project</b>	Student Result Management System
<b>Student (ID &amp; Name)</b>	Md Fahim Faez Abir (2018-1-60-032)

## Project Purpose

The purpose of this Student Result Management System is to make result management easier and automate the process of adding delete and updating the student information and adding semester-wise results for the student and finally make a grade report for the student. Students can find their grade reports easily from the Student Result Management.

## Project Goals and Objectives

The goal and objectives of the Student Result Management System are as follows:

1. To allow the admin to find student information and manage (Add, Update, Delete) the information easily and quickly.
2. To provide the semester-wise result for the authority and students by saving their results in the database.
3. To make it easy for the student to get every course result at a time and their overall CGPA and credit completed after every semester they have finished so that they can keep track of their progress semester by semester.

## Project Description

The system that is going to be developed is Student Result Management. This is an application of HTML, CSS, JAVA Script, PHP, Database to make a system that can keep a record of student information and their result. The system is used by an admin who has the power to add a new student, delete and update an existing student and also add their result semester-wise. The system automatically calculates the GPA of a student after the end of the semester and the overall CGPA of a student. Finally, the system provides a grade report in pdf format for the student and the admin.

## Scope

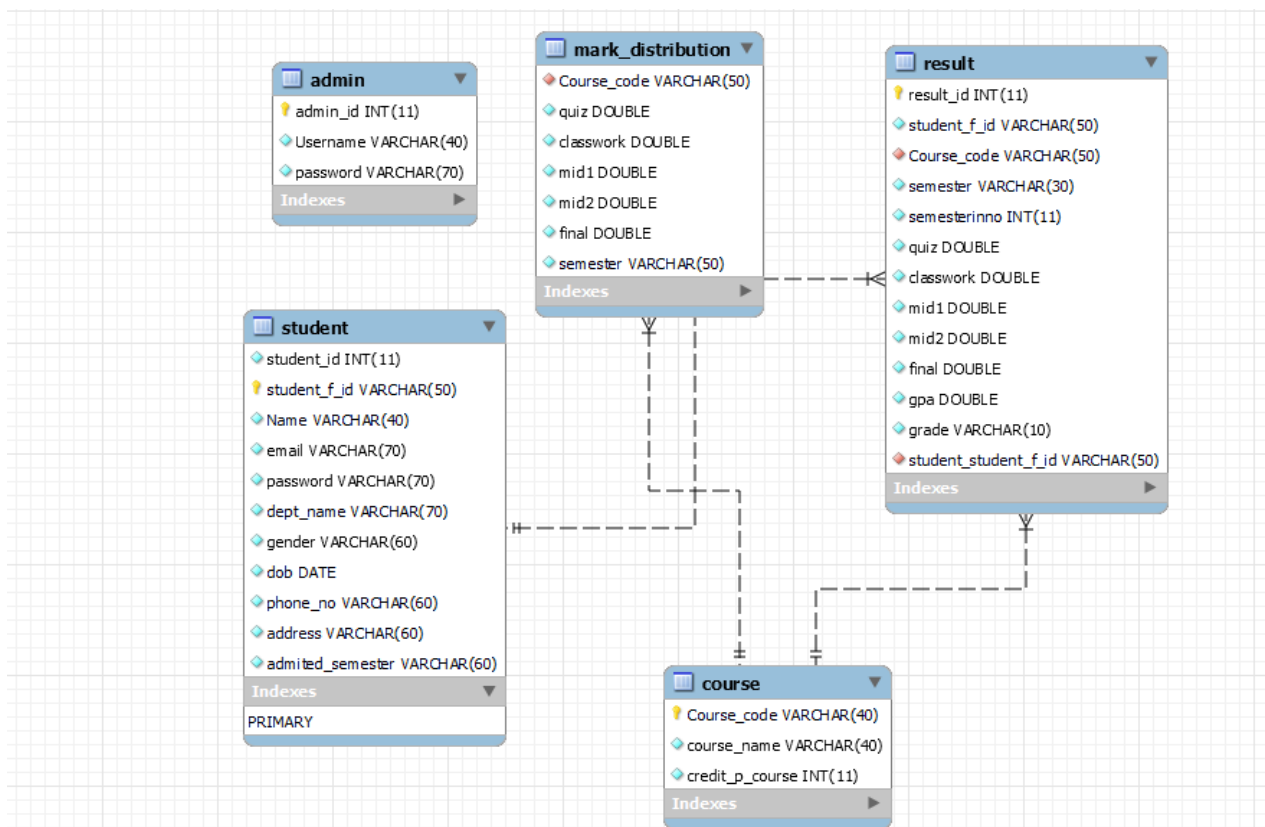
As the whole system is developed to store student information and result. But in future modification, it can be used for student course advising and student attendance management, student class schedule management for an educational institute.

## System Users

**Admin:** Admin has full privilege over the system's functions.

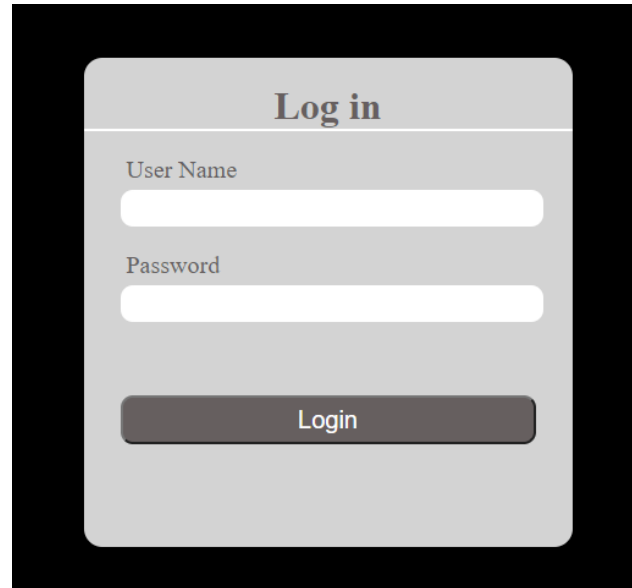
**Student:** Student has the only privilege to change their password and see their grade report and download it in PDF format.

## Database



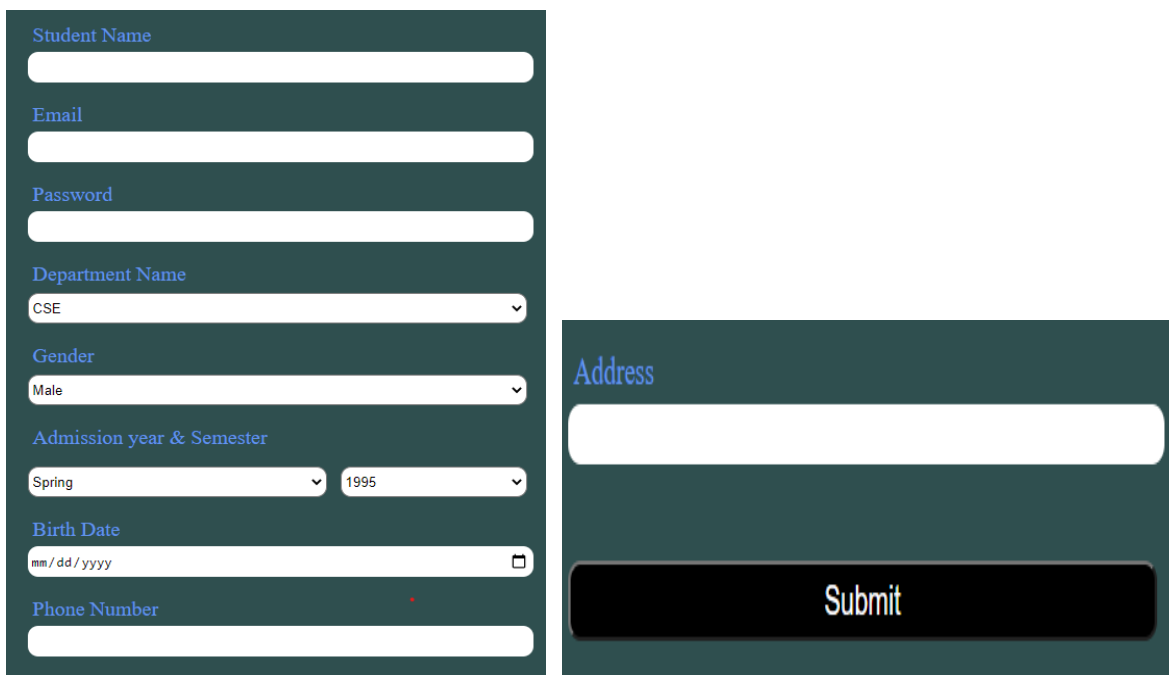
## Processes

- **Login Admin:** Admin has to log in using username and password to access the system. Admin only can use the system feature after login.



A login form titled "Log in" with a light gray background and rounded corners, set against a black background. It contains two input fields: "User Name" and "Password", both with white text and white input boxes. Below the fields is a dark gray button with the text "Login" in white.

- **Add Student:** In this section, the admin can add a student by giving their valid information. The system adds information to the database by verifying it. The system will let you know the format of valid information.



A form titled "Add Student" with a dark teal background and rounded corners. It contains several input fields and dropdown menus: "Student Name" (text input), "Email" (text input), "Password" (text input), "Department Name" (dropdown menu with "CSE" selected), "Gender" (dropdown menu with "Male" selected), "Admission year & Semester" (two dropdown menus, "Spring" and "1995" selected), "Birth Date" (text input with a date picker icon), and "Phone Number" (text input). To the right of these fields is a large "Address" text input field. At the bottom right is a dark gray button with the text "Submit" in white.

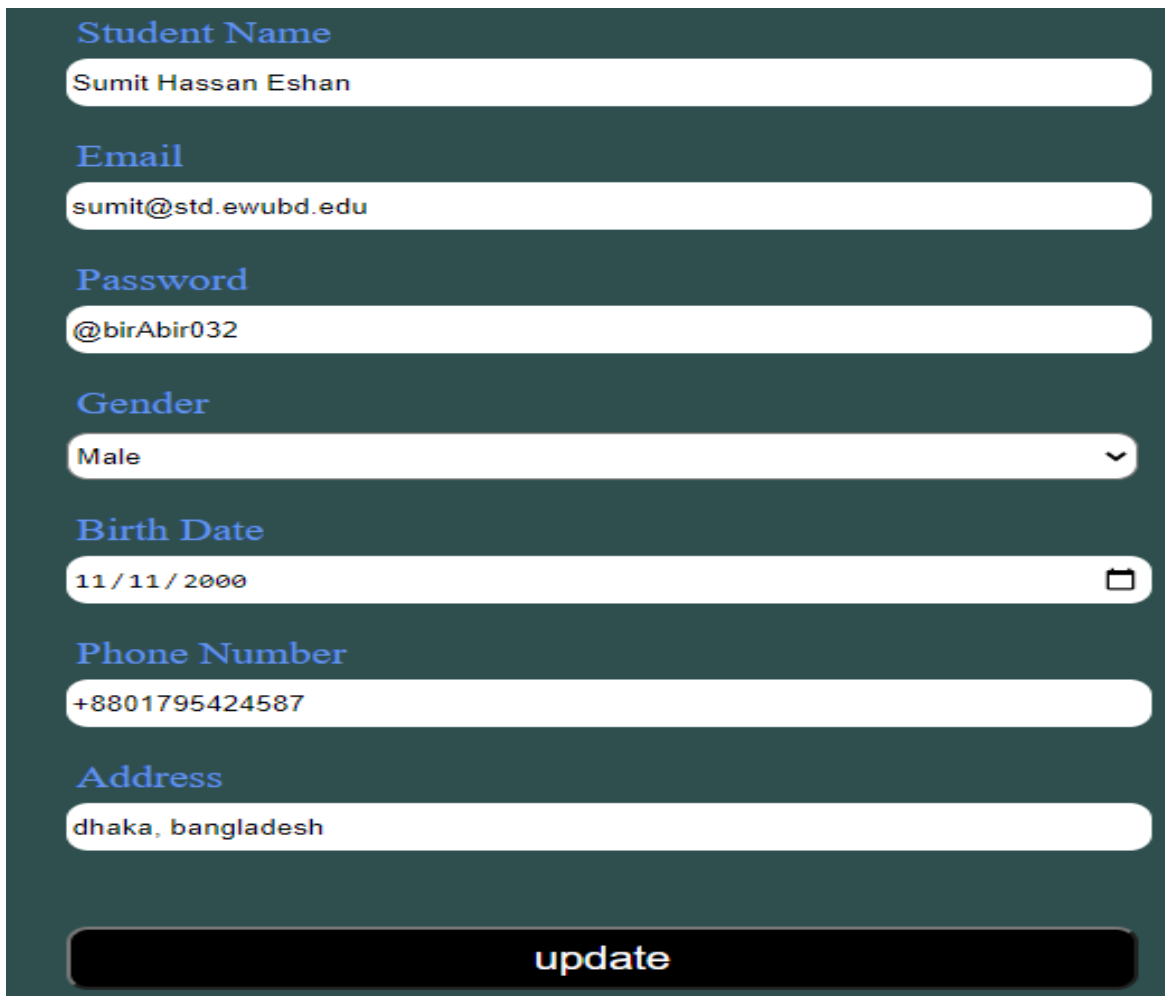
- **Delete Student:** Admin can delete a student by clicking the white button from the end of the column.

Email	Department Name	Gender	BirthDate	Phone Number	Address	Admitted Semester	
marafat@std.ewubd.edu	CSE	Male	2001-11-11	+8801795424587	dhaka, bangladesh	Spring2021	<button>delete</button>
umit@std.ewubd.edu	CSE	Male	2000-11-11	+8801795424587	dhaka, bangladesh	Spring2022	<button>delete</button>
018-1-60-32@std.ewubd.edu	CSE	Male	2000-02-22	01795424587	dhaka, bangladesh	Spring2022	<button>delete</button>

- **Update Student:** Admin can update a student by clicking the white button from the end of the column. After clicking the white button this will redirect the admin to a new page(form) where the admin can enter the updated information of a student. Here also admin has to focus on valid information.

	Department Name	Gender	BirthDate	Phone Number	Address	Admitted Semester	
ubd.edu	CSE	Male	2000-11-11	+8801795424587	dhaka, bangladesh	Spring2022	<button>update</button>
bd.edu	CSE	Male	2000-02-22	01795424587	dhaka, bangladesh	Spring2022	<button>update</button>

After clicking Update on the previous page,



A form for updating a student's profile. It features a dark teal background with white input fields and labels. The labels are in a blue font. The fields are for Student Name, Email, Password, Gender, Birth Date, Phone Number, and Address. A black 'update' button is at the bottom.

**Student Name**  
Sumit Hassan Eshan

**Email**  
sumit@std.ewubd.edu

**Password**  
@birAbir032

**Gender**  
Male

**Birth Date**  
11 / 11 / 2000

**Phone Number**  
+8801795424587

**Address**  
dhaka, bangladesh

**update**

- **Add Course:** In this section, the admin can add a new course. Here course code and credit must be valid.



A form for adding a new course. It features a dark teal background with white input fields and labels. The labels are in a blue font. The fields are for Course Code, Course Name, and Course Credit. A black 'Submit' button is at the bottom.

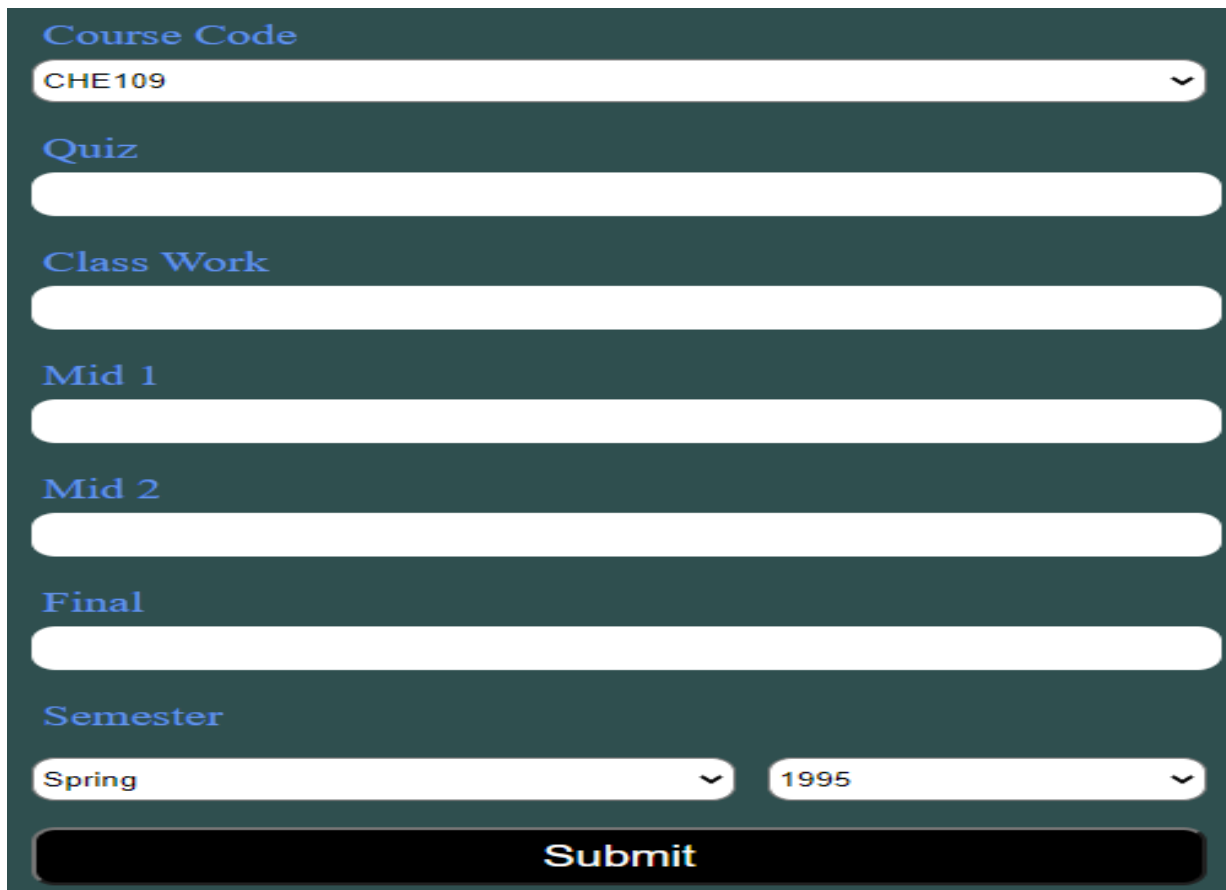
**Course Code**

**Course Name**

**Course Credit**

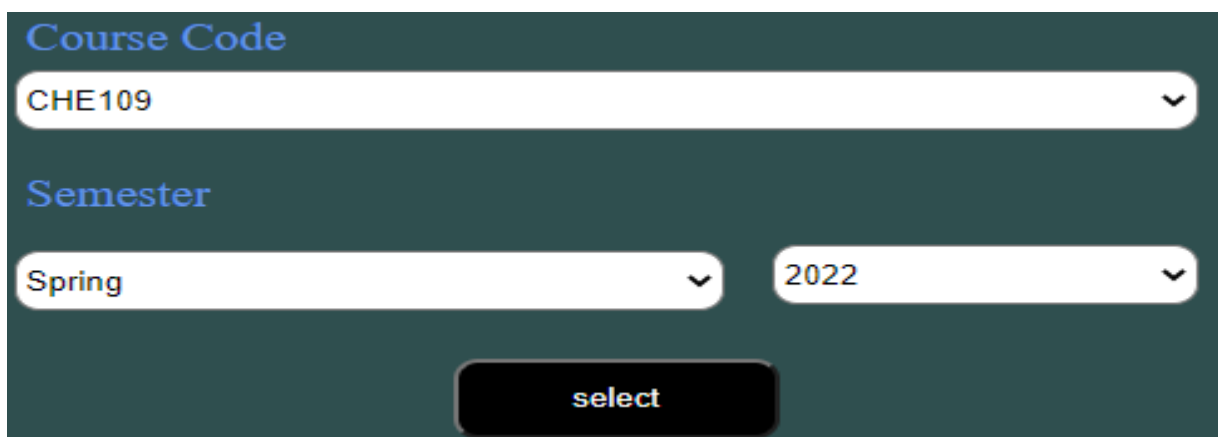
**Submit**

- **Mark Distribution:** Here admin can specify the mark distribution of a course.



A screenshot of a web form titled "Mark Distribution" with a dark teal background. The form contains several input fields: "Course Code" (a dropdown menu showing "CHE109"), "Quiz" (a text input field), "Class Work" (a text input field), "Mid 1" (a text input field), "Mid 2" (a text input field), "Final" (a text input field), "Semester" (a dropdown menu showing "Spring"), and a year dropdown menu showing "1995". At the bottom of the form is a large black button with the word "Submit" in white text.

- **Add Result:** Firstly, the admin has to select a course and the semester the course offer to a student. After clicking select admin will find a form to add marks for different assessments. Here admin has to follow the mark distribution otherwise the result will not insert into the database.



A screenshot of a web form titled "Add Result" with a dark teal background. The form contains two dropdown menus: "Course Code" (showing "CHE109") and "Semester" (showing "Spring"). Below these is a year dropdown menu showing "2022". At the bottom of the form is a black button with the word "select" in white text.

This screenshot shows a form for submitting student results. It features a dark teal background with white text and input fields. The form includes sections for Student ID, Quiz, Class Work, Mid 1, Mid 2, and Final, each with a corresponding progress indicator (e.g., 0/10, 0/25). A large black Submit button is at the bottom.

Student ID

year-semester(1,2,3)-dept\_code-id

Quiz

0/10

Class Work

0/25

Mid 1

0/20

Mid 2

0/20

Final

0/25

Submit

- **Result:** Here admin can see student results in two ways. One is admin can see the whole grade report of a student. And the other is admin can see a particular semester result of a student.

This screenshot shows a form for searching student results. It features a dark teal background with white text and input fields. The form includes a Student ID input field, a Search button, and a second section with a Student ID input field, a semester dropdown menu (Spring), a year dropdown menu (1995), and a Search button.

Student ID

year-semester(1,2,3)-dept\_code-id

Search

Student ID

year-semester(1,2,3)-dept\_code-id

Spring

1995

Search

Result for the whole semester:

CSE105	Structured Programming	Spring2022	4	A-	3.7
CHE109	Engineering Chemistry-1	Spring2022	4	A	4
MAT101	Differential & integral Calculas	Spring2022	3	A-	3.7
Term GPA: 3.81	CGPA: 3.81	Credit Complete: 11			

Result for a particular semester:

Course	Course Title	Semester	cr	grade	gp
CSE105	Structured Programming	Spring2022	4	A-	3.7
CHE109	Engineering Chemistry-1	Spring2022	4	A	4
MAT101	Differential & integral Calculas	Spring2022	3	A-	3.7
Term GPA: 3.81					

- **Make Pdf:** Here admin can download the grade report of a student by giving the Student ID of the Student.

**Student ID**  
  
makepdf



Pdf output:

Student ID: 2022-1-60-2

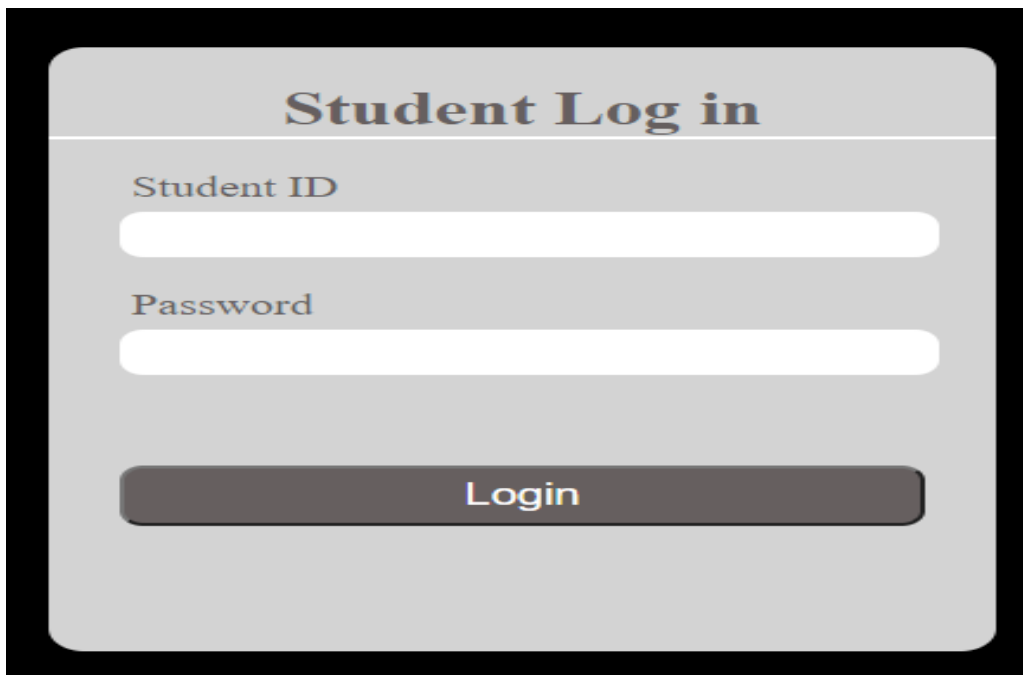
Course	Course Title	Semester	cr	grade	gp
CSE105	Structured Programming	Spring2022	4	A-	3.7
CHE109	Engineering Chemistry-1	Spring2022	4	A	4
MAT101	Differential & integral Calculas	Spring2022	3	A-	3.7

Term GPA: 3.81

CGPA: 3.81

Credit Complete: 11

- **Student Login:** Students can log in to the system by using their Student ID and password provided by the admin if they log in the first time in the system.

A screenshot of a web form titled "Student Log in". The form has a light gray background with rounded corners and is set against a black border. It contains three main input fields: "Student ID" with a white text box, "Password" with a white text box, and a "Login" button with a dark gray background and white text. The title "Student Log in" is centered at the top in a bold, dark font.

- **Change Password:** Student can change their Password by giving their old password.

Old Password

New Password

Retype New Password

Submit

- **Grade Report:** Student can see their Grade report.

CSE105	Structured Programming	Spring2022	4	A-	3.7
CHE109	Engineering Chemistry-1	Spring2022	4	A	4
MAT101	Differential & integral Calculas	Spring2022	3	A-	3.7
Term GPA: 3.81	CGPA: 3.81	Credit Complete: 11			

- **Print Grade Report:** Finally, by clicking print grade report students can download their grade report.

Student ID: 2022-1-60-2

Course	Course Title	Semester	cr	grade	gp
CSE105	Structured Programming	Spring2022	4	A-	3.7
CHE109	Engineering Chemistry-1	Spring2022	4	A	4
MAT101	Differential & integral Calculas	Spring2022	3	A-	3.7

Term GPA: 3.81

CGPA: 3.81

Credit Complete: 11

## Technology

Frontend Language: HTML, CSS, JAVA script, PHP

Backend Language: MySql Database